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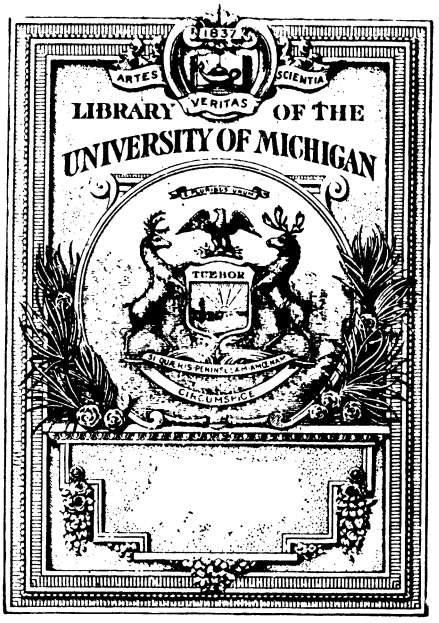
PHILIPPINE ISLANDS WEATHER BUREAU

ANNUAL REPORT

1918

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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

PART I

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1918

PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY OF MANILA DURING THE CALENDAR YEAR 1918

MANILA
BUREAU OF PRINTING
1920

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WEATHER BUREAU
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Philippine I.

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PART II

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1918.

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PART I.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1918.

WORK OF THE WEATHER BUREAU DURING THE CALENDAR YEAR 1918.

I. WORK OF THE CENTRAL OBSERVATORY.

1. METEOROLOGICAL DIVISION.

One depression and six typhoons have traversed the Philippine Islands during the year 1918. With the exception of only one, of which we shall speak presently, not much damage was done by them while crossing our Archipelago. They were distributed by months as follows: one depression in March, one typhoon in each of the months of June, July, and August, two typhoons in October, and one in December. The three typhoons of June, July, and August passed between Luzon and Formosa, while one of the two typhoons of October touched only the northeasternmost part of Luzon to the east of Aparri. The other typhoon of October was somewhat deformed, at least when it crossed the Philippines through the central part of Luzon.

The last and worst typhoon of the year, which will go down to history as a most remarkable one, was that of Christmas day. It proved to be very destructive, particularly for the provinces of Sorsogon, Albay, and Romblon, and caused the wreck of the steamer *Quantico* on the western coast of Tablas Island. Several other vessels were also victims of the storm. We say that this typhoon was very remarkable, not only because of its appearance toward the end of December, when typhoons are hardly ever observed in Luzon, but most particularly on account of its abnormal track and the unexpected change of direction which it undertook just one day before it struck the Island of Luzon. The typhoon was noticed by Manila Observatory as early as December 20 to the south of Yap. It was moving then WNW, but on the 22nd it inclined so decidedly to the north that at 6 a. m. of the 24th its center could be situated in our weather map in about 14° latitude N and 128° longitude E. The sudden change in the direction of this typhoon from NNW to WSW, which took place on the 24th and could not be realized until the next day, is something almost unheard of in the Philippines, at least if there is question of a well developed typhoon. Unfortunately the telegraphic lines to the east and southeast of Manila went out of commission so early, that it was impossible for this Central Office to announce such an unprecedented change in the direction of the typhoon to the eastern provinces which suffered most from the violence of the storm. Yet, it may be remarked here that our observers at Legaspi, Naga, Virac, Calbayog, and Catbalogan, although isolated from the Central Office, did their duties in a most satisfactory manner, giving out proper and timely typhoon warnings, as far as the critical circumstances of the case allowed it.

The Chief of Meteorological Division, Rev. Jose Coronas, has published an interesting pamphlet with many data and valuable information regarding this typhoon.

Of all the other typhoons of the Far East, the most important is the one that struck Guam in the early morning of July 6 doing great damage to the buildings, roads, trees, etc. It is considered one of the most violent typhoons that have crossed that Island in many years. Its track was at the beginning so inclined to the west that great fears were entertained for the central and northern part of Luzon. But fortunately for the Philippines a slight inclination to northwest began to take place in the direction of the typhoon on the 7th, until on the 9th to 12th it moved north toward Japan.

Manila Observatory has sent during the year to the foreign observatories of the Far East 100 typhoon warnings as against 82 during the preceding year and 101 in 1916. This number would have been even greater were it not for the extraordinary delay with which weather reports from foreign stations, particularly from Japan and the Loochoos, have been received during the whole year 1918. That the forecasting work of Manila Observatory, as well as that of all the other Observatories of the Far East, was being very much handicaped from the reason just mentioned, was so evident, that the attention had to be called of the Governor-General, and it is earnestly hoped that the steps already taken to remedy the situation will bring about a satisfactory result. And if such a delay was mainly due, as it is assumed, to the Cable Companies having been too much pressed by work during the European War, the end of the latter will naturally help also to avoid similar delays in the future.

While there has been so much trouble in sending and receiving telegraphic weather reports to and from foreign Observatories, the telegraphic service established in 1916 between Guam and Manila, through the effective coöperation of the Naval Authorities of Cavite and Guam, has been proved most satisfactory up to the present. In fact, weather reports from Guam are being received frequently at the Central Office even before than any other from our stations in the Philippines.

Although the total amount of rainfall for the year 1918 in the Philippines is rather above the normal, yet there was a general lack of rain during November and the greatest part of December which was in several provinces highly detrimental to agriculture.

The number of barometers compared and tested this year is 99 as against 112 in 1917.

The preparation of our monthly bulletin and of the annual report containing the observations made at the Central Office and at the secondary stations has been kept almost up to date: yet it is much to be regretted that the publication of same is now far more behind than it was at the end of 1917, owing to the slow work of the Bureau of Printing. Better facilities, however, are promised for 1919, and assurances have been given by the Director of said Bureau that our publications will be better attended to in the near future.

As in previous years our Bureau has coöperated with the work of foreign Observatories as well as of other Government offices or private institutions in and outside of, Manila.

2. SEISMIC DIVISION.

The year 1918 must be considered as one of extraordinary seismic activity in the Philippines. Our seismographs recorded five hundred and thirty disturbances, most of which occurred within the limits of the Archipelago. One hundred and twenty of these disturbances were felt in different parts of the Archipelago. Unfortunately two of them caused great damage and claimed some victims in southern Mindanao and the Batanes Islands.

Among the distant earthquakes recorded, mention must be made of one which shook eastern China in February, causing damage in Fowchow. Southern California was shaken by a relatively strong one in April, and in May La Serena, Chile, suffered great destruction.

Southern Mindanao was horribly shaken on the 15th of August by one of the greatest disturbances of the earth. It shook the southern coasts of the Cotabato District, destroying houses, opening cracks in the ground and causing landslides on the hills. Immediately after, a wave tide invaded the land, carrying everything and drowning a great number of persons and animals. The earth continued trembling with such a reckless continuity, that during the first thirty-four hours after the big shock, a seismograph placed at Butuan, some 330 kilometers distant, recorded two hundred and fifty-six aftershocks, which at such great distance argue a double number in the epicenter. Until the end of September, the number of shocks continued with rather alarming frequency.

The origin lies in the eastern part of the Celebes Sea, a region where such great disturbances are of frequent occurrence. But none of the great number recorded during the last century had given rise to any noticeable wave tide as this of August, so much so that the southern coasts of Cotabato were considered safe from similar invasions of the sea by the students of such events.

Nearly a month later on the 13th of September, an earthquake of like intensity but of very limited extension shook the two main island of the Batanes group, Batan and Sabtan, completely destroying the two towns of Ivana and Sabtan, situated respectively on the west and on the east coast of the said two islands. On examining the ruins of these two unfortunate towns one is convinced that the principal cause of such tremendous damage was the too heavy and faulty constructed roofs of the houses; the timbers being without any connection pushing the walls on which were imbedded. It can partially also be accounted for by the condition of the soil, a steep mass of earth and rocks carried by water currents and at some places fallen from the heights which overhung the two towns. Yet some very old bridges were undamaged, and the ground generally remained undisturbed. In rebuilding the two towns a safer location should be selected more levelled and of a more solid constitution. In fact the town of San Carlos only four kilometers distant but located on level and harder ground did but slightly suffer from the shocks. The mortar and stone materials should also be improved, excluding the use of salt sand and smooth pebbles taken from the sea shore.

During the month of April a new meteorological-seismic station was opened at Tigaon, Ambos Camarines. This station was considered necessary after the seismic period which occurred in the region of the Isarog mountain in October 1917. It had been also requested both by the Honorable Representative of that district and the Governor of the Province.

For this purpose the Chief of the Seismic and Magnetic Divisions, Rev. Miguel Saderra Masó, and the Secretary of the Weather Bureau, Rev. Miguel Selga, started for Camarines on the 6th of April. They were met at Naga by the Honorable Governor, Manuel Crescini, and accompanied to the District of Lagonoy where the station had to be located. Both the Governor and the Representative of the district, Honorable Sulpicio V. Cea suggested that the best place for the station all in all would be the town of Tigaon, accordingly this place was selected. The town Council agreed to defray the expenses of the installation and to pay the monthly rent of a house let for this purpose, no public building being available. While the place was prepared and the instruments set up by a mechanic of the Observatory, Mr. Alejandro Palo, and the observer Crescenciano Martinez, a close inspection of the surrounding region and a geologic study of the old volcano Isarog was made by Rev. M. Saderra Masó and Rev. M. Selga. Being unwise to climb the top, they visited the eastern slopes to an altitude of 500 and 1,000 meters, respectively, north and south of the great breach which brings into view the old crater down to its bottom. Not the least indication of recent eruptions or increased activity was found or seen even in the active solfataras of the Malsom River. The reports about some outburst in October 1917 were considered as exaggerated. The numerous shocks and rumblings can be reasonably attributed to movements originated in the deeply faulted condition of the mountain and of the surrounding region, raised up to the present level by numerous eruptions. This visit and study of the country did much to reassure the people which were in great anxiety lest the mountain should burst and engulf the whole country.

During the first days of November, Rev. M. Saderra Masó made a visit to the towns of Batanes, Ivana, and Sabtan, destroyed by the earthquakes. Such a visit was requested by the Representative of the district, Honorable Juan Castillejos; and approved by both the Executive Secretary and the Secretary of Agriculture and Natural Re-

sources. On returning to Manila, he submitted a report with recommendations about the reconstruction of the damaged buildings.

Since the month of May there have been in operation seven provincial stations with special seismographs. Ambulong, Baguio, Tigaon, Sorsogon, Mambajao, Butuan, and Agaña, Guam.

The launch of Ambulong, after six years of continuous service, needs a general overhauling. Estimates of the total cost have been made by an employee of the Bureau of Public Works, and the repairs will be made as soon as possible.

The seismograph of Sorsogon needed some repairs adjustments; for this reason it was brought to Manila last October. It will be later replaced at Sorsogon or at Irosin, near the Bulusan volcano, from which recently small outbursts were reported.

Like in former years the seismograph of Butuan has registered an extraordinary number of seismic disturbances both insular and distant: about 1,500 in all. In this number are not included those which occurred from the 18th of May to the 15th of July: on the first date an accident put the instrument out of commission and some parts had to be sent to Manila for repair. At the beginning of July the second mechanic Mr. Mariano Herrera was ordered to Butuan in order to replace the broken parts and make a complete clean up of all the instruments: ever since the seismograph has been working satisfactorily. He also examined on the way the meteorological instruments of the Cebu station.

No special publications have been issued this year, excepting several longer reports in the monthly bulletin, and some special papers sent for publication to the "Bulletin of the Seismological Society of America," and a report of the seismic Folk-lore of the Philippines to be included in a general work prepared by the French seismologist C. Montessus de Ballore.

3. MAGNETIC DIVISION.

The routine work of this division has been continued, during the year 1918 like in former years, without interruption, both in the Central Office and in the Magnetic Observatory at Antipolo. Early in the year the hourly observations or magnetic report of 1911 was distributed, while the one for 1912 is being printed and that of 1913 is ready for publication.

The magnetic character of this year may be considered as mild, the number of calm and nearly calm days exceeding notably the disturbed. Their respective numbers are as follows: calm, 134; slightly disturbed, 209; disturbed, 22. Only six of the disturbances may be reported on account of their duration and general nature.

On the 8th of March began the first with a rather sudden start in the early morning, with just when beautiful displays of aurora were observed in different parts of North America. It lasted to the 9th.

May 16–17 the magnets showed again a great disturbance. August 15 was also a greatly disturbed day: the period of September 17–22 was likewise stormy.

The storm which lasted from 16th to October 20th may be considered also as strong.

Finally on December 8th the magnets were also greatly disturbed.

During the hours corresponding to the total solar eclipse, which on the 8th of June was visible across the United States of America, special observations were taken in cooperation with and upon the request of the Department of Terrestrial Magnetism of Washington. These observations have been published in the review "Terrestrial Magnetism and Atmospheric Electricity" issued by the said Department.

4. ASTRONOMICAL DIVISION.

Time service: Every day of the year, including sundays and official holidays, time signals have been seen during five minutes (10:55 to 11 a. m.), from the Observatory, to all the stations connected by telegraph or cable, with the Central Post-Office of Manila.

At noon the time-ball has been dropped in the Central Observatory. With the kindly coöperation of the Cavite Naval Radio Station, time signals by radio are sent every night during five minutes, (9:55 to 10 p. m.). It is to be acknowledged with thanks, that this service is rendered possible by the courtesy and interest taken for the utility of Shipping by the Bureau of Posts. The Manila Central Post-Office keeps an employee who every night at 9:50 establishes the necessary connections between Manila Observatory and the Cavite Naval Radio Station.

One hundred and forty-four chronometers have been received in the Observatory to be rated; seven clocks and, as an average, twenty chronometers, have been daily compared with the standard clock, and rated.

The correct time is determined by means of a Repsold broken-transit-instrument of 75 mm. aperture. During the year 1523 transits of stars have been observed and reduced, and 109 times the instrumental constants azimut and collimation, computed, the level being observed and reduced to zero frequently during the time of taking transits.

The equatorial time-intervals of the sidewires to the middle or meridian wire, have been determined observing transits of Polaris. The wires are five on each side of the middle wire; they are numbered as they are crossed by a star in its uper culmination the light being east, that is, the observer facing east. The values with their probable errors are as follows:

	Second. Second.		Second. Second.
1	36.989±0.0179	7	22.268±0.0145
2	34.041±0.0203	8	25.201±0.0129
3	31.206±0.0176	9	31.338±0.0123
4	24.966±0.0152	10	34.356±0.0135
5	21.896±0.0184	11	37.425±0.0128

The Riefler Sidereal Clock, No. 251, provided with a second's contact and connected with the chronograph, has been used during the year as the standard clock for the time service. The following table gives an idea of the performance of this clock; it contains the excess of the computed correction over the observed, after periods of cloudy nights, during which transits of stars could not be taken.

Date.	Number of nights without observations.	Computed minus observed correction.	Date.	Number of nights without observations.	Computed minus observed correction.
1918.		*Second.*	1918.		*Second.*
Jan. 8	6	−0.01	July 2	7	−0.91
Jan. 16	5	−0.05	July 16	14	+0.68
Jan. 21	5	−0.03	July 23	7	−0.07
Jan. 29	4	−0.23	July 30	7	+0.16
Feb. 7	5	+0.12	Aug. 8	9	+0.01
Feb. 15	8	−0.03	Aug. 23	15	−0.06
Feb. 23	8	+0.21	Aug. 29	6	+0.33
Mar. 1	6	−0.20	Sept. 9	11	−0.67
Mar. 7	6	−0.32	Sept. 21	12	+0.15
Mar. 16	5	+0.01	Sept. 28	7	−0.43
Mar. 26	6	+0.05	Oct. 3	5	−0.05
Apr. 8	5	+0.04	Oct. 13	6	+0.07
Apr. 17	5	+0.01	Oct. 20	7	+0.25
Apr. 23	6	−0.10	Oct. 28	4	−0.10
Apr. 28	5	−0.27	Nov. 3	6	+0.03
May 13	7	−0.07	Nov. 10	7	−0.39
May 18	5	−0.22	Nov. 17	7	−0.02
May 23	5	0.00	Nov. 25	8	+0.19
May 28	5	0.00	Dec. 10	7	−0.08
June 14	8	0.20	Dec. 15	5	+0.04
June 18	4	−0.03	Dec. 23	4	+0.21
June 25	7	−0.42	Dec. 29	6	−0.12

The next table gives the mean daily rate of the mentioned Riefler Sidereal Clock, No. 251 as deduced by the daily time service, together with the maximum variation in the rate for each month of the year 1918.

Month.	Mean daily rate.	Maximum variation.	Month.	Mean daily rate.	Maximum variation.
1918.	*Second.*	*Second.*	1918.	*Second.*	*Second.*
January	0.134	0.16	July	0.126	0.21
February	0.011	0.18	August	0.095	0.22
March	0.076	0.19	September	0.092	0.29
April	0.166	0.21	October	0.067	0.08
May	0.145	0.18	November	0.020	0.08
June	0.128	0.15	December	0.011	0.15

In order to know the error with which the time signal at noon is given, the initial moment of the fall of the time-ball has been recorded 116 times in the chronograph in connection with the standard clock. The largest recorded errors were:

	Second.		Second.		Second.
January 21	0.32	June 29	0.45	September 14	0.45
February 6	0.40	August 24	0.34	September 30	0.32
June 24	0.34	September 13	0.45	October 23	0.33

The average error of the 116 records is less than 0.s2.

Three hundred twenty-five observations on solar radiation were taken during the year with the Angstrom Compensating Pyrheliometer. The Calendar's Sunshine Receiver and electrical Recorder has been working satisfactorily throughout the year.

A considerable amount of time has been spent in the library, for the good maintenance and cataloguing of publications, in showing visitors the Observatory, to some of which an opportunity has been given, in favorable conditions, to see the moon or some other celestial objects, and in answering several letters requesting information on subjects connected with Astronomy.

II. SECONDARY STATIONS.

During this year the first class station of Ormoc and the third class station of Bolinao have been reduced to third class and to a rain station, respectively, while the rain station of Batag has been raised to a third class station. A new official rain station was established in Camp Keithley, Lanao, on the month of May, although the salary of the observer up to January 1, 1919, had to be paid by the Department of Mindanao and Sulu through an agreement made between Governor Carpenter and the Director of the Weather Bureau.

At Tigaon, Ambos Camarines, a new seismic station was opened on April 26, and meteorological observations similar to those of a third class station have been also taken there regularly. As in the preceding years, meteorological observations similar to those of second class stations and rain stations, respectively, have been likewise made at the seismic station of Ambulong and the magnetic station of Antipolo. Prescinding from these three, the official meteorological stations maintained by the Weather Bureau at the end of 1918 were 57: one branch Observatory at Baguio: 6 first class stations, four of them in Luzon, and two in the Visayas: 11 second class stations, five in Luzon, four in the Visayas and two in Mindanao: 29 third class stations and 10 rain stations.

Twenty-one new volunteer or coöperative stations have been added during the year to the 32 in existence at the end of 1917, thus making a total of 53 volunteer stations. From five of these stations observations have not been received for several months, but en effort is being made to secure them again in 1919. Some difficulty is being experienced in receiving regularly, and on time for publication in our monthly bulletin,

the observations of some of the volunteer stations, particularly from the Department of Mindanao and Sulu. It is very much to be expected that some efficacious means be taken in 1919 in order that these observations reach the central office of the Weather Bureau on time to include them in the table of daily rainfall published in our monthly bulletin. During the year just finished we were able to include only the observations from about 25 to 30 volunteer stations.

III. PERSONNEL OF THE WEATHER BUREAU.

Nationality.—The composition of the personnel of the Weather Bureau as to nationality has remained practically unchanged, over 91 per cent being Filipinos.

Promotions.—Only a very few promotions have been allowed during the year: twelve in the Central Office and six in the provinces. All the employees promoted were receiving salaries not higher than ₱1,320 per annum, and the promotions were in every case ordinary promotions.

Separations.—It was with regret that the resignation of Mr. Leon G. Guinto had to be accepted, who for many years had rendered very satisfactory service to the Bureau, particularly as a first class observer at Atimonan. He presented his resignation because his health could not stand any longer the kind of work proper of his actual position of an assistant observer at the Central Office. Six other resignations of minor importance have taken place in the Central Office and ten outside of Manila, during the year.

Toward the end of August the Central Office was notified of the death of Mr. Domingo de los Angeles, who for 17 years had been a first class observer at Cebu.

Appointments.—Several new appointments have been made in order to fill up the vacancies which resulted from the resignations just mentioned. The only new position created during the year was that of a seismic observer at Tigaon.

IV. IMPROVEMENTS.

The Central Office has been furnished with a so called "Indicating Anemometer" which will enable the Forecaster and the employee on duty to observe at any moment from their desks the actual velocity of the wind. This is of the greatest importance in days of gusty winds or squally weather, particularly during the typhoon season. A standard Robinson anemometer, modified to make electrical contact for each $\frac{1}{60}$ mile of travel of the wind, is used. The anemometer, properly exposed on the tower of the Observatory is connected electrically with two drycell batteries, two buzzers and two push-botton switches, one for the forecaster and the other for the employee on duty. To determine the velocity of the wind in miles per hour, the push-botton is closed, and the number of times the buzzer sounds during one minute are counted. The number counted is the number of miles per hour the wind is blowing, i. e. the velocity of the wind.

PART II.

HOURLY METEOROLOGICAL OBSERVATIONS MADE AT THE CENTRAL OBSERVATORY DURING THE CALENDAR YEAR 1918.

INTRODUCTION.

Part II of our report for 1918 contains the meteorological observations made during the year at the Central Observatory at Manila. The hours of observations are given in Insular standard time—that is, in the time of the one hundred and twentieth meridian east of Greenwich, adopted by order of the United States Government on September 6, 1899. It is to be noted that the observations of atmospheric pressure, temperature, relative humidity, vapor tension, and the direction and force of the wind are hourly, read directly between the hours 6 a. m. and 7 p. m., while for the hours from 8 p. m. to 5 a. m. they are taken from self-registering apparatus. The hourly observations of the direction, form, and amount of clouds are made from 8 a. m. until 5 p. m. only.

Each of the tables of hourly observations shows also the respective hourly, daily, and monthly means. The extreme daily values of the various elements, together with the time of their occurrence, are united into a separate table. The thermometer and atmidometer are placed in the observatory park, 1.5 meters above the ground.

The readings of the barometer have not been corrected for gravity; this correction would be —1.72 mm.

All observations contained in this report are expressed in the metric system, continuing the practice adopted at the time of the reorganization of the Weather Bureau. As in former reports, we have arranged the observations according to month.

EXPLANATION OF SYMBOLS (BEAUFORT'S LETTERS AND INTERNATIONAL WEATHER SYMBOLS).

Symbol.	Equal to—	Symbol.	Equal to—
Ci.	Cirrus.	o	Overcast.
Ci.-S.	Cirro-stratus.	p	Passing showers of rain.
Ci.-Cu.	Cirro-cumulus.	q	Squally.
A.-Cu.	Alto-cumulus.	u	Ugly or threatening weather.
A.-S.	Alto-stratus.	v	Visibility of distant objects.
S.-Cu.	Strato-cumulus.	w	Wet or heavy dew.
N.	Nimbus.	●	Rain.
Cu.	Cumulus.	≡	Fog or mist.
Cu.-N.	Cumulo-nimbus.	⍢	Dew.
S.	Stratus.	⊕	Solar halo.
Fr.-Cu.	Fracto-cumulus.	⊃	Lunar halo.
Fr.-N.	Fracto-nimbus.	⊃	Lunar corona.
Fr.-S.	Fracto-stratus.	⊙	Solar corona.
S.-cf.	Stratus-cumuliformis.	↙	Lightning.
N.-cf.	Nimbus-cumuliformis.	⍁	Thunderstorm.
M.-Cu.	Mammato-cumulus.	⊢	Thunder.
b	Clear, blue sky.	↙	Strong wind.
c	Partial clouds.	⌒	Rainbow.
d	Drizzling or light rain.	∞	Dry haze.
g	Gloomy, or dark, stormy-looking weather.		

NOTE.—The intensity of any individual phenomenon may be distinguished by the figures ° and ², which should be used as exponents of the symbols, so that ° indicates slight, and ² strong; e. g., ●°=slight rain, ●²=heavy rain. Figures in heavier type represent extreme values.

OBSERVATIONS FOR JANUARY, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.45	60.15	59.85	59.90	60.10	60.40	60.80	61.26	**61.30**	61.16	60.89	60.46
2	60.70	60.45	60.25	60.25	60.50	60.70	61	61.81	**61.83**	61.68	61.42	60.94
3	60.95	60.65	60.60	60.50	60.75	60.96	61.46	61.90	**62.06**	61.94	61.53	60.90
4	61	60.75	60.45	60.40	60.60	60.85	61.31	62.12	**62.21**	62.04	61.59	60.97
5	61.90	61.35	60.90	60.55	60.60	60.98	61.48	61.76	**62.26**	62.05	61.58	61.07
6	60.85	60.45	60.45	60.50	60.75	61.21	61.66	62.11	**62.40**	62.39	62.15	61.68
7	61.20	60.75	60.40	60.30	60.40	60.63	61.14	61.69	61.94	61.83	61.42	60.87
8	62.15	61.75	61.50	61.60	61.70	61.92	62.31	62.89	63.11	62.94	62.52	62.09
9	63.10	62.65	62.25	62.20	62.45	62.71	63.15	63.94	**64.16**	64.01	63.66	62.89
10	62.90	62.55	62.20	62.05	62.30	62.37	62.71	63.13	**63.37**	63.21	62.87	62.35
11	62.05	61.95	61.60	61.75	61.85	62.21	62.47	62.94	**62.99**	62.95	62.56	61.90
12	61.95	61.30	60.85	60.75	60.85	61.03	61.43	61.96	**62.30**	62.09	61.79	61.32
13	60.75	60.40	59.95	59.90	60	60.17	60.58	61.09	**61.49**	61.46	61.19	60.83
14	60.90	60.55	60.30	60.05	60.25	60.43	60.73	61.31	61.86	61.76	61.34	60.67
15	61.65	61.30	61.05	61	61.15	61.24	61.56	62.20	**62.69**	62.45	62.06	61.53
16	62.05	61.85	61.80	61.80	62.10	62.14	62.37	62.76	**62.79**	62.46	62.04	61.71
17	61.80	61.45	61.35	61.20	61.20	61.44	61.94	62.19	**62.51**	62.19	61.94	61.35
18	60.25	59.85	59.65	59.75	60.05	60.54	60.92	61.44	**61.65**	61.54	60.99	60.38
19	59.95	59.50	59.25	59.40	59.55	59.89	60.22	60.39	**60.84**	60.63	60.34	59.90
20	60.50	60.30	60.10	60.05	60.10	60.38	60.82	61.51	61.76	**61.90**	61.30	60.49
21	61.05	60.70	60.50	60.50	60.65	60.95	61.11	61.69	**62.10**	61.93	61.29	60.65
22	60.95	60.60	60.40	60.70	60.80	61.05	61.68	62.58	**62.76**	62.62	62.31	61.66
23	**62.20**	61.85	61.20	60.70	60.60	60.90	61.40	61.62	61.89	61.74	61.36	60.85
24	60.50	60.15	59.90	59.85	59.95	60.39	60.67	61.01	**61.32**	61.16	60.65	60.06
25	59.85	59.50	59.15	58.95	59.15	59.42	59.79	60.29	**60.47**	60.42	59.89	59.54
26	60.15	59.75	59.50	59.50	59.60	59.93	60.29	61.10	61.59	**61.70**	61.25	60.95
27	60.55	60.30	59.90	59.90	60.05	60.32	60.57	61.12	**61.50**	61.35	61.04	60.46
28	60.50	60.15	59.90	59.90	60.15	60.17	60.63	61.05	**61.17**	61.01	60.45	59.90
29	59.80	59.40	59.15	58.85	58.85	59.22	59.71	60.21	**60.56**	60.53	60.28	59.71
30	60.15	59.65	59.20	59.20	59.25	59.48	59.68	60.22	60.51	**60.63**	60.21	59.67
31	60	59.75	59.50	59.45	59.55	60	60.22	60.76	61.09	**61.29**	60.88	60.36
Mean	61.06	60.70	60.42	60.37	60.51	60.78	61.16	61.68	**61.95**	61.84	61.44	60.91

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.3	20.1	19.9	19.7	19.5	**19**	19.7	23	25.5	25	26	26.2
2	22.2	22.1	22	21.5	21.1	20.7	**20.6**	24.2	26.8	27.5	27.8	27.8
3	21.6	20.9	20.3	20.2	20.1	**19.8**	20.5	23.4	26	26.8	27.6	27.9
4	21	**20.5**	20.6	20.9	21.2	20.8	20.9	23.5	24.3	25.3	27	**27.8**
5	22.8	22.4	22.4	22.1	**21.4**	21.5	21.9	23.7	24.7	25.9	**26.7**	26.6
6	**21.4**	21.5	21.5	**21.4**	21.7	21.5	21.5	23.6	25.1	25.7	25.8	26.4
7	21.9	21.3	21.1	20.9	**20.8**	21	21	22.7	25	26.4	28.2	28.7
8	21.2	21.1	20.3	20.6	20.3	20	20.3	21.8	25.8	26.6	26.5	**27.3**
9	19.4	18.9	19	18.8	18.3	18.8	18.5	20.6	22.6	**24.4**	24.7	24.4
10	17.7	17.6	18.1	17.8	**17.5**	18	18.5	21.3	23.9	24.8	25	25.7
11	19.8	**19.5**	19.9	20.3	19.6	**19.5**	19.8	21.5	23	25.5	26.2	26.2
12	21.6	21.9	21.2	20.5	21	**20.4**	20.7	22.5	23.4	25.2	26.4	**27.4**
13	22	22.1	21.9	21.9	21.8	**21.5**	22	23.5	25.1	26.6	**27.2**	26.3
14	21.5	21.6	21.9	22	21.6	21.5	21.2	23	23.2	24.5	26.9	26.9
15	20.3	20	19.8	**19.4**	**19.4**	19.5	20	23	26.1	26.3	**26.8**	27.5
16	20.7	20.5	20.4	19.7	19.4	**19.3**	19.7	22	23.7	24.3	24.7	25.4
17	20.5	20.1	20	19.4	19.2	19.9	19.6	22.1	24.2	24.7	**26.9**	26.6
18	18.4	18.2	18	18.3	**17.8**	18	18.5	21.1	24.1	25.2	**25.5**	26.3
19	21.3	20.8	20.2	20	20	**19.4**	19.6	23	25.4	26.8	26.3	27.6
20	21.6	21.7	21	**20.7**	**20.7**	**20.7**	20.8	22.9	25.5	27.6	27.9	28
21	23.2	22.6	22.1	20.9	20.5	19.9	20.1	23	25	25.2	**26.2**	26.2
22	17.8	17.9	18.1	17.9	17.5	**17**	17.1	20.5	23.6	24.8	26.4	26.2
23	18.6	18.4	17.9	16.9	16.4	**16.1**	17	21.4	24.6	25.8	26.3	26.8
24	19.3	19	**18.2**	**18.2**	19.1	19.1	19.7	21.3	22.9	24.6	26.7	26.1
25	**19.7**	20.4	20.8	20.4	20.3	19.8	**19.7**	23	26.1	27.2	26.3	26.5
26	21.6	21.8	21.6	20.7	21.1	21.4	21.6	23.2	24.4	25.3	25.9	25.9
27	19.9	19.9	19.3	**19.1**	19.4	19.6	19.9	22.9	24.6	25.3	25.7	25.8
28	21.2	20.7	20.8	**20.1**	**20.1**	20.2	20.5	22.3	24.1	24.9	26	25.6
29	21.2	20.4	20.2	19.5	19.1	**18.9**	19.4	22.8	**24.6**	24.5	25.3	25.6
30	19.5	19.2	18.8	18.6	**18**	**18**	18.3	21.9	25.6	24.4	26.5	**27.3**
31	22.4	22.6	22.5	22.2	22	21.7	**21.6**	23	24.1	24.9	25.6	26.1
Mean	20.7	20.5	20.3	20	19.9	**19.8**	20	22.5	24.6	25.5	**26.4**	26.6

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.74	59.09	**58.66**	58.87	59.22	59.55	60	60.45	60.85	61.15	61.15	60.95	60.27
60.09	59.59	**59.05**	59.07	59.53	59.86	60.38	60.80	61.15	61.25	61.20	61.05	60.61
60.21	59.60	59.10	**59.05**	59.31	59.72	60.11	60.95	61.35	61.40	61.25	61.10	60.72
60.29	59.71	**59.56**	59.61	60.07	60.64	61.07	61.60	62.05	62.10	62	62.05	61.04
60.59	59.80	59.39	**59.31**	59.65	60.04	60.61	60.95	61.15	61.20	61.05	60.90	60.88
60.98	60.29	**59.97**	59.99	60.36	60.79	61.15	61.50	61.55	61.75	61.60	61.45	61.17
60	59.70	**59.55**	59.74	60.39	60.95	61.63	62.25	62.55	**62.65**	62.60	62.30	61.12
61.53	60.87	**60.63**	60.77	61.26	62	62.56	63.10	63.50	**63.55**	63.40	63.35	62.21
61.98	61.39	**60.99**	61.04	61.44	61.91	62.52	62.95	63.45	63.50	63.40	63.20	**62.71**
61.45	60.85	60.63	**60.59**	60.98	61.38	61.63	62.10	62.35	62.45	62.30	62.25	62.12
60.87	60.02	**59.82**	59.94	60.32	60.62	61.19	61.65	62.15	62.40	62.30	62.30	61.70
60.74	60.19	60.09	**59.91**	60.15	60.36	60.47	60.90	61.30	61.20	61.25	61.15	61.06
60.57	59.96	**59.65**	59.74	59.91	60.07	60.40	60.85	61.05	61.05	60.95	60.95	60.54
59.92	59.33	**59.01**	**59.01**	59.54	60.06	60.81	61.25	61.70	**62.10**	**62.10**	62.05	60.71
60.82	60.54	60.27	**60.25**	60.42	60.97	61.27	61.80	62.10	62.10	62.05	62.05	61.44
60.84	60.05	**59.85**	59.91	60.41	60.64	61.15	61.45	61.75	61.85	61.95	61.95	61.57
60.27	59.49	**59.02**	59.10	59.40	59.71	59.92	60.55	60.80	60.80	60.70	60.65	60.87
59.49	58.83	58.61	**58.36**	58.69	59.22	59.60	60.05	60.20	60.45	60.35	60.30	60.05
59	58.55	**58.24**	58.39	58.85	59.21	59.85	60.25	60.65	60.75	60.80	60.75	59.80
59.84	59.07	**58.79**	58.85	59.27	59.71	60.10	60.50	61	61.20	61.20	61.45	60.42
59.85	59.21	**58.91**	59.14	59.51	60.02	60.50	61.05	61.50	61.50	61.40	61.20	60.70
60.74	60.15	**59.70**	59.76	60.26	60.86	61.41	62.05	62.45	62.60	62.50	62.55	61.38
60.19	59.36	**59.01**	59.06	59.24	59.60	60.26	60.75	61.20	61.45	61.20	60.85	60.77
58.85	58.09	**57.79**	57.87	58.22	58.66	59.31	60.05	60.50	60.45	60.35	60.25	59.83
58.90	58.24	**57.96**	58.08	58.29	58.65	59.35	59.80	60.30	60.45	60.35	60.25	59.46
60.53	59.50	**59.18**	59.24	59.54	59.91	60.36	60.85	61	61	61	60.85	60.34
59.71	58.97	**58.47**	58.49	58.79	59.29	59.75	60.25	60.75	61	60.95	60.85	60.18
59.02	58.25	**57.81**	57.96	58.21	58.52	58.95	59.50	60.10	60.10	60.10	60	59.73
59.20	58.42	58.06	**58.04**	58.59	59.09	59.45	60.10	60.30	60.45	60.50	60.45	59.54
58.84	58.16	57.91	**57.86**	57.95	58.49	58.99	59.65	59.95	60.20	60.35	60.25	**59.44**
59.65	59.26	**58.96**	59.12	59.42	59.79	60.27	60.80	61.10	61.15	61.05	61	60.18
60.15	59.50	59.18	59.23	59.59	60.01	60.48	60.99	61.35	61.46	61.40	61.31	60.73

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
27.2	**27.4**	27	26.7	25.6	24.9	24.3	24	23.2	23.1	22.8	22.3	23.4
28.3	27.7	27.4	27.5	26.4	24.7	24.1	22.6	22.1	21.9	22.1	22	24.2
27.3	**28.5**	28	27	26	24.1	23.3	22.5	22.1	22	21.3	20.9	23.7
27.1	27	27	26	25.1	24.2	23.9	23.6	23.4	23.2	23.1	23	23.8
26.3	26.3	**26.7**	26.6	24.9	23.9	23.4	22.9	22.3	21.8	22	21.9	23.8
26.6	**26.8**	25.9	25.7	25	23.7	22.9	22.3	22.1	22.2	22.1	21.6	23.5
29.1	27.6	27.7	26.5	25.1	**24**	23.2	22.9	22.6	22.1	21.7	21.4	23.9
27.3	26.7	27	26.1	23.9	22.1	20.7	20.9	19.9	20.3	**19.9**	**19.8**	22.8
25.6	**25.6**	25.1	24.7	23	20.8	19.5	18.9	18.5	18	17.8	**17.5**	**21**
25.7	25.7	26	**26.9**	25.2	23	21.6	**20.4**	19.9	19.9	19.8	19.7	21.7
26.6	**26.8**	26.1	26.7	26.2	24.8	23.1	22	**22**	21.9	21.5	21.6	22.9
26.6	25.7	24	23.6	23.4	22.8	22.6	22.3	22.3	21.9	22.2	22.2	23
24.9	25.8	25.1	25	24.6	23.8	23.3	22.9	22.6	22.4	22.4	22	23.6
27.9	**28.6**	28	27	26.2	24.8	23.4	22.8	22.3	21.5	21.2	**20.8**	23.8
27.1	27.2	**28.4**	27.2	26	**23.9**	22.6	21.7	21.4	21.2	21.5	21.6	23.2
25.6	25.5	25.2	24.7	24.3	23	21.7	21.3	20.4	20.3	20.2	20.3	22.2
26.5	27	**28**	26.1	24.6	22.9	22	21	20	19.5	19.2	**19**	22.5
26.9	27.2	26.6	**27.8**	25.9	24.7	23.4	22.4	22.3	22.3	21.5	**21.3**	22.6
27.6	27.8	**27.9**	27.5	27.3	25.9	**25.7**	24.5	24	23.3	23.4	22.5	24.1
28.7	**28.8**	28.7	28.6	26.6	25	**24.1**	24.3	23.9	22.9	23.6	22.7	**24.5**
26.6	26.6	26.7	**27.1**	24.9	23.1	21.7	20.6	19.6	19.7	18.8	**18.5**	22.9
26.6	27.3	**28.1**	26	25.3	22.5	20.8	20.4	19.7	19	18.2	17.9	21.5
27.7	**28.2**	26.7	26.5	25.6	**23.6**	21.8	22	21.2	20.1	19.9	19.8	22.1
27.9	26.8	27.6	**26**	25.9	**24.6**	**23.5**	22	20.9	20.7	20.2	20.1	22.5
27.1	**27.4**	27.2	26.4	25.4	**23.8**	22.1	**22.3**	22.1	22.4	22.3	21.8	**23.4**
25.5	**27.3**	26.4	25.8	25.4	**23.8**	22.9	22.2	22.2	21.4	21.4	**20.6**	23.3
26.6	26.3	26.3	25.9	25.5	**23.5**	22.8	22.3	22.2	21.9	22	21.7	22.8
24.8	**26.5**	26.4	**25**	25	24.5	22.7	21.3	21.3	21.8	21.7	21.3	22.9
25.9	27	**27.1**	26.2	25	24.1	22.5	**22**	21.3	20.7	20.2	19.8	22.6
27.1	26.9	26.6	27	26.2	25.2	24.8	23.7	23.3	22.7	23.2	22.8	23.2
25.4	**26.5**	25.9	26.2	25.2	**24.7**	23.8	22.9	23.1	22.9	22.1	22	23.7
26.8	**27**	26.8	26.3	25.3	23.9	22.8	22.2	21.7	21.5	21.3	21	23.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	91	92	93	91	92	95	93	75	68.5	72	67	68
2	93	93	93	95	96	97	97	82	71	70	69	67
3	91	94	95	95	95	95	91	80	72	65	65	64
4	92	93	91	87	85	87	89	78	76	73	67.5	65
5	91	91	88.5	89	93	94	89	77	73	69	67	67
6	89	88	89	90	88	88	88	76	69	66	65	63
7	81	86	87	89	89	86	86	77	68	65	55	54
8	83	79	84	81	83	83	84	80	63	57	52	49
9	79	80	79	79	81	78	82	73	67	58	59	59
10	86	87	84	83	85	80	80	71	61	59	57.5	55
11	85	87	84	81	85	83	85	80	77	66	62	62.5
12	89	86	90	93	91	93	91	84	81	72	70	68
13	95	92	93	93	94	95	92	85	78	74	70	75
14	95	95	93	91	94	94	94	83	84	78.5	69	70
15	90	90	90	93	92	91	90	75	65	63	62	60
16	87	88	88	90	92	89	89	78	73	74	71	68
17	86	89	90	91	92	87	88	73	65	64	58	57.5
18	93	93	93	91	93	91	90	77	70.5	67	66	65
19	89	91.5	94	94	94	96	98	83	68	64	70	65
20	93	90	95	94	92.5	92.5	94	84	72	64	63	65
21	71	75	79	83	85	90	87	71	61.5	63	59	59
22	95	92	90	90	91	92	93	77	67	62	61	62.5
23	85	86	88	92	94	95	91	68	57	52	54	52
24	90	90	95	94	86	87	86	79	74	67	62	67
25	90	86	82	84	82	86	88	73	63	62	60	63
26	76	73	74	81	77	74	78	69	68	65	64.5	64
27	88	86	87	88	88	88	87	72	63	61	61	64
28	86	87	83	89	90	89	87	75	70.5	69	64	66.5
29	84	87	89	90	92	93	93	78	71	71	69	69
30	89	90	91	93	95	95	96	79	65	72	62	60
31	87	86	83	85	86	87	90	85	78	74	70	66
Mean	87.7	87.8	88.2	89	89.4	89.4	89.2	77.3	69.7	66.4	63.6	63.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.2	16.2	16.1	15.6	15.6	15.5	15.9	15.7	16.6	16.9	16.8	17.2
2	18.5	18.3	18.2	18.2	17.9	17.7	17.5	18.3	18.5	19	19.1	18.5
3	17.4	17.2	16.9	16.8	16.7	16.4	16.4	17	17.9	17.1	17.8	17.9
4	16.9	16.8	16.5	16	16	15.9	16.3	16.8	17.2	17.4	17.8	18.1
5	18.8	18.3	17.8	17.6	17.6	17.8	17.4	16.8	16.9	17.1	17.3	17.4
6	16.9	16.8	17	17	17	16.8	16.8	16.6	16.3	16.1	16.1	16
7	15.9	16.3	16.2	16.3	16.2	16	16	15.7	16	16.6	15.6	16
8	15.5	14.7	14.9	14.6	14.8	14.5	14.9	15.5	15.5	14.7	13.4	13.3
9	13.3	13	12.9	12.7	12.7	12.6	13	13.1	13.7	13.2	13.7	13.4
10	13	13	13	12.6	12.6	12.3	12.6	13.3	13.5	13.6	13.5	13.6
11	14.6	14.6	14.5	14.3	14.4	14	14.6	15.3	16.1	15.9	15.7	15.8
12	17.1	16.7	16.8	16.8	16.8	16.6	16.6	17.1	17.4	17.1	17.8	18.6
13	18.6	18.2	18.1	18.1	18.2	18	18	13.4	18.5	19.1	18.7	19
14	18.2	18.1	18.1	17.9	17.9	17.8	17.5	17.3	17.7	17.9	18.1	18.5
15	15.9	15.6	15.5	15.6	15.5	15.4	15.6	15.7	16.2	15.9	16.2	16.3
16	15.8	15.8	15.7	15.4	15.5	14.9	15.1	15.3	16	16.6	16.4	16.5
17	15.4	15.5	15.6	15.3	15.3	15	14.9	14.5	14.6	14.9	15.2	14.9
18	14.7	14.5	14.3	14.2	14.1	14	14.3	14.4	15.7	15.9	16.1	16.5
19	16.8	16.7	16.6	16.4	16.4	16.1	16.6	17.3	16.5	16.7	17.9	17.8
20	17.8	17.4	17.5	17	16.8	16.8	17.1	17.5	17.5	17.5	17.5	18.2
21	15.1	15.3	15.6	15.3	15.3	15.5	15.2	14.9	14.5	15	15	15
22	14.4	14	13.9	13.7	13.5	13.2	13.5	13.8	14.5	14.4	15.5	15.8
23	13.6	13.6	13.4	13.2	13	12.9	13.1	13	13.1	12.8	13.7	13.6
24	15	14.8	14.8	14.6	14.1	14.4	14.6	14.9	15.4	15.4	16.1	16.9
25	15.4	15.3	14.9	15	14.6	14.7	15	15.2	15.9	16.6	15.2	16.2
26	14.6	14.2	14.3	14.7	14.3	14.1	14.9	14.6	15.5	15.5	16	15.8
27	15.2	14.8	14.6	14.5	14.8	14.9	15	14.9	14.6	14.6	15.1	15.9
28	16.2	15.8	15.2	15.5	15.7	15.6	15.6	15	15.7	16.1	15.9	16.2
29	15.7	15.5	15.6	15.2	15.2	15.1	15.6	16	16.3	16.3	16.6	16.7
30	15.1	14.9	14.7	14.8	14.6	14.6	15	15.4	15.8	16.4	16	16.2
31	17.5	17.5	16.9	16.9	16.9	16.9	17.3	17.8	17.5	17.3	17.1	16.6
Mean	16	15.8	15.7	15.5	15.5	15.4	15.5	15.7	16	16.1	16.2	16.4

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
64	66	66	73	79	82	86	88	90	90	90	92	81.8
66	68.5	68	69	82	87	81.5	91	92	93	90	91	83.4
65	65	65	70	74	82	85	89	90	88	93	94	81.8
71	70	72	77	80	86	86	87	89	90	90	90	82.1
70	72	64	64	75	81	80	84	88	89	88	88	80.5
63	64	65	64	64	72	79	81	82	81	82	86	76.8
49	53	55	62	66	74	76	75	76	81	82	82	73.1
50	50	49	54	57	67	74	71	77	73	77	78	69
52	48	54	53.5	61	73	80	83	83	87	88	89	71.9
57	56	57	55	60	70	78	85	88	86	86	86	73
62	63	69	67	69.5	73	79.5	87	87	88	90	90	77.6
73	81	87	90	90	94	92	94	94	95	96	95	87
86	81	82	81	75	81	84.5	86	88	90	91	94	85.6
66	61	57.5	59	64	70	76	78	79	84	84	87	79.4
63	62	60	67	67	77	82	86	86.5	86	83	81	77.6
67	68.5	68	71	74	76	80	83	88	87	89	88	80.3
58	57	54	62	63	71	75	81	85	88	88	89	75.5
62.5	65	66	64	72	75	81	88	86	86	91	91	79.9
66	65	67	70	71	78	75	82	84	88	84	89	80.2
64	65	59	53	58	63	69	65	68	73	68	75	74.1
59	60	63	57	68	72	80	83	89	86	92	92	74.4
59	57	56	63	58	71	77	78	80	85	89	90	76.5
50	46.5	54	54	55	65	76	78	81	87	88	88	72.4
60	67	63	69	67	73	75	83	88	87	89	89	78.6
61	59.5	60	59	61	69	76	75	76	73	73	76	72.4
64	57.5	62	63	66	73	75	76	75	81	78	83	71.5
60	63	62	63	65	70	74	78	78	81	81	84	74.7
69	62	63	68	71	69	76	83	84	80	82	85	77
67	63	61	65	67	69	76	78	82	84	87	89	78.1
61	62	67	67	72	76.5	80	86	87	90	85	86	79.4
68	63.5	67	67	72	74	75	82	79.5	80	85	85	78.1
63	62.6	63.3	65.2	68.5	74.6	78.7	82.1	83.9	85.1	85.8	87.2	77.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.2	18	17.5	19	19.3	19.1	19.3	19.5	19.1	19	18.6	18.4	17.4
18.9	18.9	18.6	18.9	20.9	20.2	18.2	18.6	18.2	18.1	17.8	17.9	18.5
17.5	18.8	18.3	18.4	18.5	18.4	18.1	17.9	17.8	17.4	17.4	17.2	17.6
18.9	18.6	19	19.2	19	19.2	19	18.8	19	18.9	18.8	18.7	17.9
17.7	18.3	16.6	16.6	17.5	17.9	17.2	17.5	17.5	17.3	17.2	17.3	17.5
16.3	16.7	16.2	15.6	15	15.6	16.3	16.1	16.3	16	16.3	16.4	16.3
14.7	14.6	15.2	16	15.6	16.5	16.1	15.6	15.5	15.9	15.8	15.5	15.8
13.6	13.1	12.9	13.7	12.5	13.2	13.4	13	13.3	12.9	13.3	13.3	13.9
12.8	11.7	12.8	12.4	12.8	13.3	13.5	13.4	13.2	13.4	13.3	13.2	13
13.9	13.7	14.2	14.5	14.4	14.6	14.9	15.2	15.2	14.8	14.7	14.6	13.8
16.1	16.5	17.5	17.5	17.6	17	16.7	17	17	17.3	17.2	17.3	16
18.8	20	19.3	19.4	19.2	19.3	18.7	18.8	18.8	18.5	19	18.8	18.1
20.1	20.1	19.4	19.1	17.3	17.8	18	17.8	17.9	18.2	18.3	18.4	18.5
18.4	17.8	16.1	15.5	16.2	16.3	16.3	16	15.8	16	15.8	15.9	17.1
16.7	16.6	17.3	17.9	16.6	16.9	16.6	16.5	16.4	16.2	15.8	15.6	16.2
16.4	16.6	16.3	16.4	16.8	15.9	15.5	15.6	15.7	15.4	15.6	15.6	15.9
14.9	15.2	15.1	15.7	14.6	14.8	14.7	15	14.4	14.8	14.6	14.6	15
16.4	17.4	17	17.7	18	17.3	17.4	17.6	17.2	17.2	17.3	17.1	16.1
18.1	17.9	18.6	19	19.2	19.5	18.3	18.6	18.6	18.7	17.9	18.1	17.7
18.9	19.2	17.2	15.4	15.1	14.8	15.4	14.8	15	15.1	14.7	15.4	16.6
15.2	15.4	16.4	15.1	15.9	15.2	15.4	15	15.2	14.6	14.9	14.6	15.2
15.2	15.3	15.7	15.8	14	14.4	14.1	13.9	13.7	13.8	13.9	13.7	14.3
13.9	13.2	14	13.9	13.5	14	14.8	15.3	15.2	15.2	15.2	15.1	13.8
16.8	17.4	17.3	17.4	16.5	16.8	16.1	16.3	16.2	15.8	15.6	15.4	15.8
16.2	16.1	16.1	15	14.8	15.1	15.1	15	14.9	14.8	14.7	14.8	15.3
15.6	15.5	15.9	15.5	16	15.9	15.6	15.2	14.9	15.4	14.9	15	15.2
15.6	16.1	15.8	15.6	15.7	15.1	15.2	15.6	15.5	15.9	16	16.2	15.3
16.2	16	16	16	16.7	15.8	15.6	15.6	15.8	15.6	15.8	16.1	15.8
16.5	16.6	16.3	16.4	15.7	15.4	15.4	15.3	15.4	15.3	15.3	15.2	15.8
16.2	16.3	17.2	17.7	18.2	18.2	18.7	18.8	18.5	18.5	18	17.7	16.6
16.3	16.3	16.7	16.9	17.1	17.1	16.4	17	16.7	16.6	16.8	16.7	17
16.5	16.6	16.5	16.6	16.5	16.5	16.3	16.3	16.3	16.2	16.1	16.1	16.1

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	S.-Cu.	Ci. E	S.-Cu.	A.-Cu. E	Cu.	----------	Cu. E	----------	Cu. E
2	Ci.	Cu.	----------	Cu.	----------	Cu.	A.-Cu.	Cu. ENE	----------	Cu. ENE
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
4	A.-Cu. ENE	Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E
5	A.-Cu. E	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu. ENE	----------	Cu. ENE
6	A.-Cu. ESE	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
7	A.-Cu.	Cu.	A.-Cu.	Cu. NE	A.-Cu. ENE	Cu. NE	A.-Cu. ENE	Cu. NE	A.-Cu.	Cu. NE
8	A.-Cu. ENE	Cu.	----------	Fr.-Cu. E	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu. E
9	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
10	Ci.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E
11	A.-Cu. SSW	Cu.	A.-Cu. SSW	Cu.	Ci.-Cu.	Cu. EbyN	Ci.-Cu.	Cu. ENE	Ci.-Cu.	Cu. ENE
12	----------	S.-Cu. ENE	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
13	A.-Cu.	S.-Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E
14	A.-Cu.	Cu.	----------	S.-Cu. E	Ci.-S.	S.-Cu.	A.-Cu.	Cu.	----------	Cu. NE
15	Ci.	Cu. EbyN	Ci.	Cu.	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu. EbyN
16	Ci.	Cu.	Ci. SSE	Cu.	A.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
17	Ci.-S. SSE	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu.	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
18	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu.
19	Ci.	Cu.	Ci.-Cu.	Cu.	Ci.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. EbyN
20	A.-Cu.	Cu.	----------	Cu.	----------	Cu.	Ci.-Cu.	Cu. NE	A.-Cu.	Cu. NE
21	Ci.	Cu.	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu. EbyN	----------	Cu. EbyN
22	----------	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu. ENE	Ci.	Cu. ENE
23	A.-Cu. SSE	S.-Cu.	A.-Cu. SSE	Cu.	A.-Cu. SSE	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. EbyN
24	Ci.	Cu.	Ci.-S.	Cu.	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. E
25	A.-Cu. ESE	Cu. ENE	A.-Cu.	Cu.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
26	Ci.-S.	S.-Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu. ENE	----------	S.-Cu.
27	A.-Cu. SSW	S.-Cu.	Ci.-S.	Cu. ESE	----------	Cu. ESE	----------	Cu. ESE	Ci.-S.	Cu.
28	A.-Cu. ESE	Cu.	A.-Cu. ESE	Cu.	Ci.-S.	Cu.	A.-Cu. ESE	Cu.	----------	S.-Cu.
29	A.-Cu.	Cu. E	Ci.	Cu. E	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.
30	Ci.	Cu.	Ci.	Cu.	Ci.-S.	S.-Cu.	----------	Cu. E	A.-Cu.	Cu. E
31	A.-Cu.	Cu. ENE	A.-Cu.	Cu.	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu. ENE	A.-Cu.	Cu. ENE

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu. E	----------	Cu. E
2	A.-Cu.	Cu. ENE	A.-Cu.	Cu.-N NEbyE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.
3	----------	Cu. EbyN	----------	Cu. E	----------	Cu. E	----------	S.-Cu. E	----------	S.-Cu. ENE
4	----------	Cu. E	A.-Cu.	Cu.-N EbyN	----------	Cu.-N. E	----------	Cu.-N. E	----------	Cu.-N.
5	----------	Cu.-N. ENE	----------	Cu. E	----------	S.-Cu. EbyN	A.-Cu.	S.-Cu.	----------	N.-cf. E
6	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.-S.	Cu.
7	A.-Cu. NbyE	Cu. NE	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu. ENE
8	----------	Cu. ENE	A.-Cu.	Cu. ENE	Ci.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
9	Ci.-S.	Cu. ENE	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu. NE	Cu.	Cu.
10	Ci.	Cu. E	Ci.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
11	Ci.	Cu. ENE	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	----------	S.-Cu.
12	Ci.-S.	N.-cf.	Ci.-S.	N. ENE	Ci.-S.	N.	Ci.-S.	N.	A.-Cu.	N.
13	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E	----------	N.	Ci.-S.	S.-Cu.	----------	N.-cf. E
14	A.-Cu.	Cu. NE	A.-Cu.	Cu. ENE	A.-Cu. ENE	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
15	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
16	----------	Cu. ESE	A.-Cu.	Cu. EbyN	A.-Cu.	Cu. EbyN	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
17	Ci.	Cu. E	Ci. SSE	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
18	A.-Cu.	Cu. ESE	A.-Cu. SE	Cu. EbyN	A.-Cu.	Cu. EbyN	A.-Cu.	N. EbyN	A.-Cu.	Cu. EbyN
19	A.-Cu.	Cu.	A.-Cu.	Cu. EbyN	A.-Cu.	Cu. E	A.-Cu.	Cu. EbyN	A.-Cu.	S.-Cu.
20	A.-Cu.	Cu. ENE	A.-Cu.	Cu. NE	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
21	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu.
22	Ci.	Cu. NE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu.
23	A.-Cu.	Cu. ESE	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
24	A.-Cu.	Cu. E	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N.
25	----------	Cu. ENE	----------	Cu. E	----------	Cu. E	Ci.	Cu.	Ci.	Cu.
26	----------	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE
27	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE
28	----------	S.-Cu. E	Ci.-S.	Cu. E	A.-Cu.	Cu. E	----------	Cu.	----------	Cu.
29	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	S.-Cu. ENE
30	A.-Cu.	Cu. E	A.-Cu.	Cu. EbyN	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
31	----------	Cu. E	----------	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE	----------	S.-Cu. ENE	----------	S.-Cu. ENE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 1	N 1	N 1.5	N 1.5	N 1	N 0.5	NNE 1	NNW 1	NNW 0.5	SW 1.5	WSW 1.5	WSW 1
2	Calm	Calm	NNW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 3	WSW 2
3	Calm	NNW 1	Calm	W 1.5	NNW .5	Calm	NbyW 1	N .5	N .5	WbyS 1.5	WSW 1	WSW 2.5
4	Calm	WNW 1.5	NNW 1	NNW 2.5	NNW 1.5	NbyW 4	NNE 1	NE 1.5	N 1.5	NE 1.5	Calm	WSW 3.5
5	Calm	Calm	NE 1	NE 1.5	NE 1	Calm	Calm	NNE 1.5	N 1.5	NbyW .5	SW 1	WSW 1
6	SW 1	SW 1	Calm	Calm	Calm	Calm	SW 1	SW .5	Calm	WNW 1.5	WSW 1.5	WSW 1.5
7	NW .5	Calm	NW .5	Calm	N 1.5	NNW 1.5	NNW 1.5	NbyW 1	NW .5	WSW 1	NE 1.5	SE .5
8	Calm	NW 1.5	NW 1	NW 2	NW 1	NNW 2.5	NNW .5	Calm	Calm	NNW 3.5	NE 3.5	NNE 6.5
9	Calm	N .5	NNW 1.5	NNW 2	NNW 1	NbyW 2	Calm	NNW 1.5	NE .5	SW .5	WSW 2.5	NE 3
10	N 1.5	N 1	N 1.5	NNW 1.5	NNW 2	NbyW 4.5	N 2.5	NbyW 1.5	NNW 2.5	NW 1.5	WNW 2.5	W 4
11	Calm	NE 1	Calm	N 1	Calm	NbyE .5	NbyW 2.5	NbyW 2	NNW 3.5	W 2	WNW 1	W 2
12	Calm	N 1.5	NNE 1	Calm	NNE 1	Calm	Calm	Calm	Calm	NbyW 1	N 1.5	NE .5
13	Calm	NE 1.5	NE 1.5	ENE 1.5	ENE 1.5	ENE 1.5	ENE 2.5	NE .5	NE 1.5	NE 1.5	ENE 2	SW 2
14	Calm	Calm	NNE .5	NNE 1.5	NNE 1	NE .5	Calm	NE 1	NE .5	Calm	S .5	SW 1.5
15	NW 1.5	NW .5	Calm	Calm	Calm	Calm	NNW 2.5	NNW 2	NW 1	W 4	W 1.5	W 3.5
16	W .5	W 1	Calm	Calm	Calm	Calm	NNW .5	NW .5	NNE 1	Calm	SE .5	S 1
17	SE 1.5	ESE 1.5	Calm	Calm	ENE 1	Calm	Calm	NNE .5	NNE .5	NbyE 1.5	NE 2	SW 2.5
18	N .5	N .5	N 1.5	N 1	N .5	N .5	Calm	N 1	N 1	SW 3.5	WSW 2	SW 3
19	Calm	ESE 1	ESE .5	SE 1	SE .5	Calm	Calm	NbyE 1	NNE 1.5	NNE .5	WSW 3	WSW 1
20	Calm	NNW .5	Calm	Calm	NNW 1	NNW 1.5	NNW .5	Calm	N 1	N 1	WNW 3	SWbyW 4
21	WNW 1.5	ENE 1.5	NNE .5	N 1	N .5	N .5	NNW 1.5	NNW 1	WNW 3.5	WSW 1.5	WSW .5	WSW 2
22	Calm	NNE 2	N 1.5	NNW 2.5	N 1.5	N 1.5	NbyW 1.5	NNW 1	N 1	W 1	SW 2.5	SW 3
23	NW 1.5	NW .5	NW .5	N 1	N .5	NbyE .5	NbyE .5	NNE .5	NNE 1.5	NE 1	NE .5	ENE 1
24	NE 1	NE 1	NE 1	NNE 1.5	NNE 1.5	Calm	NNE 1	NE 1	NE 1	SW 1	SSW 2	SW 2
25	NNE .5	NNW .5	NW 2	NW 2	NNW 2	N .5	NNW 1	NNW 1	NbyE .5	SW 1.5	WSW 3.5	SW 3.5
26	Calm	NW 1.5	NW .5	WNW .5	W 1	WNW 2	WNW .5	WSW 1	SSW 1	SW 1.5	SW 2	SW 1.5
27	WNW 1	Calm	WNW .5	Calm	Calm	Calm	Calm	NW 1	WNW .5	SW 2	SSW 3	SSW 2
28	Calm	SE .5	NW 1.5	NNE .5	Calm	Calm	N 1	NNW 1	N 1	SW 1.5	SSW 2.5	SW 3
29	Calm	Calm	Calm	Calm	Calm	N .5	Calm	NbyW .5	W 2.5	NNW 2.5	WbyN 2	W 2
30	Calm	ESE 1	ESE .5	ENE 1	ENE 1	Calm	NE .5	NNE 1.5	NE 1	W 1.5	WSW 2	W 3
31	Calm	W 1.5	WNW 1	Calm	Calm	Calm	Calm	Calm	WbyS 1	WbyS 1	SSW .5	WNW 1
Mean	0.4	0.9	0.8	0.9	0.8	0.8	0.8	0.9	1.1	1.4	1.8	2.3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WNW 3	WNW 2	NW 1	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	0.8
2	WSW 2	WSW 2.5	WSW .5	SW 0.5	SW 0.5	WbyN 0.5	NNE 0.5	Calm	Calm	Calm	Calm	Calm	.5
3	WSW 2.5	SW 1.5	SW 1	NNE .5	W .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	.7
4	Calm	Calm	NE .5	SSW .5	SSE .5	ESE 2	ESE 1.5	Calm	SE 1	ESE 1	Calm	Calm	1.1
5	WSW 1.5	SSW 1	ESE 1	E 3.5	E 2	Calm	ESE 1	Calm	Calm	NE .5	W 0.5	Calm	.8
6	WNW .5	WNW 3	N 4.5	NE 4	NNE 3	Calm	NNE .5	Calm	Calm	NW 1	Calm	NNW 1	1.1
7	NE 6	NE 6.5	ENE 4.5	E 3	NE 2.5	NE .5	Calm	N 1.5	N 1	Calm	Calm	Calm	1.5
8	NE 10	NNE 2.5	NE 5	NE 3.5	NE 5	NE 3.5	NE 2.5	NE 1	NE 1	NE 1	Calm	NE 1	2.4
9	NE 4.5	NE 8.5	NE 8.5	NE 7	NE 3.5	NE 1	NE 1	NE 1	Calm	NNE 1	N .5	N .5	2
10	WNW 2.5	WNW 4.5	EbyS 5	E 2.5	ENE 2.5	ENE 1	E .5	Calm	Calm	Calm	NNE .5	Calm	1.9
11	WSW 2.5	W 2.5	WSW 1.5	SW .5	SW 1	NNW 1.5	N 2	Calm	Calm	Calm	Calm	Calm	1.1
12	NE 2	ENE .5	NE 1	N 2.5	NEbyN 1	NEbyE 1	NE 1.5	NE 1	NE 1.5	NE 1.5	NE 1	Calm	.9
13	Calm	SW .5	W 1.5	Calm	N 2.5	N 2	NE .5	NNE 1.5	NE 1	Calm	NE 1	Calm	1.2
14	WSW 2	WSW 1	NE .5	NE .5	NNE 5	NNE 2	NE 1	N 1.5	NNW 1.5	NNW 1.5	NNW 1	NNW 1	1.1
15	WNW 1.5	WSW 2.5	SW 2.5	SW 1	NE 2.5	NE .5	Calm	Calm	Calm	WSW 1.5	W 1	W 1.5	1.3
16	SW 1.5	SW .5	WSW .5	W .5	NW 1	SSE 1	ESE 1	E 1	E .5	Calm	Calm	Calm	.5
17	NNE 1	ENE .5	NNE .5	Calm	E 4	ESE 2.5	E 2.5	E 1.5	Calm	Calm	Calm	Calm	1
18	WSW 1.5	WSW 2.5	W 1	NW 1	NW 2	NE 2.5	ESE 1	E .5	ESE 1.5	E .5	Calm	Calm	1.2
19	WSW 3.5	SW 3.5	SW 3	SW 1	WSW 2	W 1	NNE 1.5	Calm	Calm	Calm	WNW 1.5	Calm	1.1
20	SW 3	SW 3	WNW 2.5	NE 6	NE 6	NE 3.5	NE 2	NE 3	NE 1	Calm	NNE 1.5	Calm	1.8
21	NW 4	SSW 1	Calm	E 5	ENE 2	E 3	ENE 1	ENE 1	Calm	E .5	Calm	Calm	1.4
22	SW 2.5	SW 2	SW 1	SW .5	NE 2	ENE 1.5	ENE 2	E 1.5	E 2	E 1.5	ENE 1	NNE .5	1.5
23	NE 1	ESE 2.5	EbyN 1	NE 3.5	ENE 5.5	E 4	ENE 1.5	Calm	Calm	Calm	Calm	ENE 1.5	1.2
24	SW 2.5	WSW 1.5	SW 1.5	WbyS 2.5	N 1	E 2.5	E .5	Calm	E 1	N 1	N 1.5	N .5	1.2
25	SW 4	SW 2.5	SSW 1	NW .5	NE 3.5	NE 2	Calm	SE 1.5	W 1.5	WNW 1.5	WNW 1.5	NW .5	1.6
26	WSW .5	SW 3	SW .5	WSW 2	SSW .5	SE .5	N 1	NW 1.5	W 1.5	W 1	W 1	Calm	1.2
27	WSW 4	WSW 3	WSW 4.5	W 3	W 1.5	NNE 1	ESE .5	Calm	ESE 1	Calm	ESE 1	Calm	1.9
28	W 1.5	WbyS .5	W 3.5	SW .5	WSW .5	NE .5	NNE .5	NNE 1	Calm	NNE 1	Calm	Calm	.3
29	WSW 2	SW .5	N 2.5	NNW 3	E 3	E 1.5	ESE 2	ESE 2	ESE 2	E 1.5	E 1	Calm	1.1
30	WNW 2.5	WNW 2.5	W 1	WbyN 1	W 1	WNW 1	W .5	NW 1	WSW 1	SSW .5	S .5	S .5	1.
31	WbyN 2	W 2	W 2.5	NW 1	SE 2	NE 1	SE 1.5	Calm	SW 1.5	S 1	Calm	Calm	.9
Mean	2.5	2.3	1.9	2	2.2	1.4	1	0.7	0.7	0.6	0.5	0.3	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	3	3	5	6	5	5	4	5.5	6.5	3	9	9.5
2	0	0	3	3	2	1	.5	1	2.5	3	12	12
3	2	1	2	1.5	2.5	2	5	5	1	4	11	10.5
4	2	3.5	5	7.5	7.5	9	7.5	7.5	7	5	4	11
5	1	1.5	4.5	6	4	1	4	3	6.5	3.5	3	7
6	2	3	.5	.5	1	2	2	1	1.5	4.5	11	11
7	2	1	2	2.5	3.5	6	5	5	4	3	14	5
8	1	3.5	4	5	3.5	4	5	3	3	8	21	20
9	3	2.5	4	8.5	3	7	2	4	4	4	8	12
10	4	4	4	8	5.5	10	10.5	7	7	8	11	13
11	3	2	4	3	3	5	5	6	6	7	10	11.5
12	0	2	3.5	.5	2	1	0	.5	1	2	5	3
13	0	2	2.5	3.5	5	5	4	3	5	5	3	5
14	0	.5	3.5	5	4.5	3.5	5	2	3	1	2	8
15	2.5	1	1	0	1	1	2	3	2	6	13	10
16	5.5	3.5	4	1.5	2	3.5	7	4.5	4	1.5	1	7
17	4	5	2	2	2	3	1.5	1.5	4	4	5.5	6
18	2.5	2.5	3.5	5.5	4	4.5	4.5	4.5	4	5	10.5	12
19	1.5	3	2	2	3.5	2	2	3.5	6	4	10	12
20	1	.5	.5	.5	1	3	2	2.5	2	2	9	12
21	3.5	10	1	2	3.5	2.5	5	3.5	5.5	7	9.5	9
22	2.5	4.5	7	6.5	5	5.5	5	7	4.5	3.5	12.5	12
23	6	5	1	1	2	4	4	5	6	3	5.5	6.5
24	5.5	5.5	4.5	3.5	5.5	6	3.5	4	3.5	3.5	11	10
25	1	4	4	7	6	6	4	2	1	6	14.5	13.5
26	2	6	5	2	3.5	6	4	7.5	8.5	7.5	12.5	9.5
27	3	5	2.5	3	1.5	.5	.5	3	5.5	7.5	11	9
28	.5	1.5	3	3	2	1	4	2	4	1	9	14
29	1	1	4	0	1	2	1	0	5	10	11	9.5
30	.5	1.5	2.5	3	3	3.5	4.5	5	4.5	4.5	10.5	13
31	1.5	2	3	1.5	1.5	0	1	0	4	6	7	10
Mean	2.2	2.9	3.2	3.4	3.2	3.7	3.7	3.6	4.3	4.6	9.3	10.1

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	8	8	9	10	10	10	9	10	9	9	10	10	9.3	2 10
2	3	1	1	3	5	5	4	8	8	8	6	4	4.7	5 30
3	1	2	3	3	4	5	9	6	8	8	8	8	5.4	5 50
4	8	8	8	9	8	8	10	10	10	10	10	10	9.1	1 45
5	10	9	9	10	10	10	10	8	9	8	8	9	9.2	0 20
6	10	8	8	10	10	10	10	10	10	10	10	10	9.7	0 25
7	8	8	7	8	7	7	5	10	9	10	10	10	8.2	3 30
8	8	8	5	5	7	5	6	8	7	5	3	3	5.8	6 45
9	9	9	9	8	9	9	9	6	5	6	7	3	7.4	3 40
10	7	2	2	3	3	8	9	9	8	8	8	6	6.1	7 15
11	8	9	8	5	6	6	7	7	9	8	8	7	7.3	5 25
12	7	9	10	10	10	10	10	10	10	10	10	10	9.7	0 00
13	8	8	7	8	9	10	10	10	10	10	10	10	9.2	0 40
14	9	7	9	9	7	7	7	8	7	9	7	7	7.8	2 50
15	6	7	6	8	8	8	9	7	7	8	8	4	7.2	5 25
16	7	6	7	9	9	9	9	10	10	9	9	5	8.2	0 00
17	8	9	9	9	9	9	7	6	7	8	6	1	7.3	3 40
18	8	1	1	2	2	5	8	8	8	9	7	5	5.3	6 40
19	3	2	2	3	7	9	5	7	6	5	8	10	5.6	7 50
20	3	4	2	3	6	4	6	5	4	4	4	8	4.4	7 45
21	4	5	6	8	8	10	8	8	8	6	3	2	6.3	5 10
22	4	1	1	2	6	5	5	7	7	6	5	4	4.4	8 20
23	7	6	6	4	7	7	6	6	8	7	8	5	6.4	6 40
24	7	5	10	9	7	9	8	10	9	9	9	8	8.3	3 05
25	6	8	6	7	7	7	9	8	7	8	7	6	7.2	5 05
26	10	10	9	10	10	10	10	9	9	7	8	8	9.2	0 40
27	8	8	9	8	8	10	9	9	7	9	8	7	8.3	1 15
28	9	9	10	10	9	10	9	8	9	9	9	7	9	2 10
29	8	3	4	7	8	8	9	9	9	8	9	7	7.4	3 20
30	6	3	3	10	8	7	9	9	10	9	8	10	7.7	3 25
31	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
Total														116 35
Mean	7	6.2	6.3	7.1	7.5	8	8.1	8.3	8.2	8.1	7.8	6.9	7.5	3 46

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
11	**13.5**	11.5	9	4.5	3.5	3.5	3	1	2.5	1.5	0	5.4
13	12	7	5	1	2	6	0	0	1	3	0	3.8
12.5	8.5	6.5	8	4	4.5	2.5	1.5	1.5	2	1	.5	4.2
10	**5**	3	2	7	6	5	**4**	2	4	3	0	5.3
8.5	**6**	5	7.5	**12**	1.5	6.5	2.5	1.5	3	2.5	1.5	4.3
6	**7**	7	9	7	7	1	0	0	3	3	2	3.8
12.5	12.5	**18.5**	11	10.5	**5**	2.5	2.5	6	1	0	1	5.7
26	19	25	20	**26**	15	8	7	5	5	4	1	**10.1**
19	22	**27.5**	19.5	20	10	3.5	4.5	3	2	2.5	3.5	8.3
9	12	13	**15**	9	10	5	1	3	1.5	2.5	3	7.3
11.5	**14**	11.5	9.5	8	5.5	8.5	2	0	.5	0	0	5.7
7	**10**	6	5	**4**	1	1	3	2	3	1	0	**26**
5	**6**	**6**	4.5	**5**	5.5	2.5	4.5	3.5	2	2	1.5	3.8
9	11	**5**	10	**12**	10	4	6	5	3	3	2.5	4.9
12	**13**	12	11	**6**	4	4.5	2	1.5	4.5	4.5	6	5.1
8.5	**8.5**	7.5	6.5	**6**	4	6.5	6.5	4	2	.5	3.5	4.5
6	2	3	**5**	**9.5**	8	7	**4**	3	1	1	1.5	3.8
10.5	10	8.5	6.5	7.5	8	**5**	1.5	4	4.5	2.5	.5	5.5
12	**14**	10	9	**7**	**5**	5.5	2.5	.5	0	1.5	2	**5**
12	11	9	20	**23**	17	10	11	10	1	7	1.5	7
12.5	8	**5**	9.5	11.5	9	6.5	**4**	2.5	3.5	2.5	2.5	5.8
12	12	10	**9**	10	11	**5**	7	6	5	3	3	7
5	8	3.5	11.5	11	**15**	5.5	**2.5**	1	1.5	3.5	4	**5**
10	9	8	9	7	7	**4**	2	1	3	2	4	**5.5**
14.5	14	8.5	7	11.5	8.5	1.5	2	4.5	7	8	6	6.8
11	10	9.5	8.5	6	5.5	2.5	**5**	7	6	2.5	4.5	6.3
12	11.5	10.5	11.5	**9**	7.5	**4**	2.5	2	2.5	2.5	1.5	5.4
9	10	11	10	7	**3**	**3**	2	2	3	2.5	.5	4.5
10.5	6.5	5.5	**12.5**	**7**	12	5.5	**8**	**6**	5.5	3	2.5	5.4
13	10	**9**	**6**	**5**	**5**	**1**	**2**	**2**	**3**	**2**	.5	4.8
12.5	11.5	10.5	**9**	5.5	1.5	4.5	**2**	**4**	**4**	**2**	1.5	4.4
11.1	10.6	9.5	9.6	9	7	**4.5**	**3.5**	**3**	**2.9**	2.6	**2**	5.4

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	5	1				1					1	2		2	1	2	9	129	2.6	
2		1									2	4	1	1		1	14	90	2.7	
3	3	1									2	3	3			2	10	100.5	3	
4	2	1	3			3	1	1		1		1		1		3	7	127.5	2.4	
5	2	1	4		2	2				1	1	2	1				8	108	2.2	
6	1	2	1								4	2		3	1	1	9	92	3	
7	4		5	1	1		1					1			3	2	6	136	4.1	
8		2	11												4	3	4	242	5.5	
9	4	1	10								1	1				4	8	199	4.1	
10	6	1		2	2	1							1	3	1	3	4	176	4.1	
11	4	1	1								2	2	3	1		2	8	136.5	3.7	
12	4	2	9	2													7	63.5	.9	2.2
13	2	1	8	5							2		1				5	91	1	1
14	1	5	6						1		1	2				4	4	118.5	2.8	
15			2								2	2	5	1	3	2	7	123.5	3.5	
16		1			2	1	1	1	1		2	1	3		2	1	8	109	2.1	
17		5	1	2	3	2	1				1						9	91.5	2.9	
18	8		1		2	2					2	3	1		2		3	132	3.3	
19		4				2	2				3	4	1	1			7	120.5	3.4	
20	2	1	6								2	1		2		4	6	168.5	5.3	
21	3	1		4	3					1		3		2	1	2	4	139	3.2	
22	5	2	1	3	3						6		1			2	1	168.5	3.7	
23	2	4	4	4	2	1									3		4	121	4.3	
24	4	3	5		3					1	4	1	1				2	132	2.9	
25	1	2	2				1			1	4	1	1	2	4	4	1	162	4.8	
26	1						1			2	5	3	4	3	3		2	152	3.3	
27		1				3				2	1	3	2	3	1		3	129	4.1	
28	2	4	1				1			1	3	1	3		1	1	6	108	3	
29	3				4	3					1	1	2	3			7	130	3.4	
30		1	2	2		2			2	1		2	5	4	1		2	114.5	3.5	
31			1				2		1		1	1	5	3	1		9	106	2.9	
Total	69	43	84	25	27	23	11	2	5	11	53	47	44	35	32	43	184	4,011.5	101.7	8.2
Mean	2.2	1.6	2.7	0.8	0.9	0.7	0.4	0.1	0.2	0.4	1.7	1.5	1.4	1.1	1	1.4	5.9	129.4	3.3	0.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	761.35	8.45a.	28	0.50p.	95	19.5	758.60	3.10p.	18.8	6.30a.	64	15.5
2	61.83	9.00a.	29.4	1.35p.	97	**20.9**	59	3.25p.	20.4	6.55a.	66	**17.5**
3	62.10	9.10a.	30	2.20p.	95	18.8	59.05	4.00p.	19.6	6.15a.	64	16.4
4	62.25	9.20a.	29	0.10p.	93	19.2	59.50	2.45p.	20.2	2.05a.	65	15.9
5	62.26	9.00a.	27.7	3.35p.	94	18.3	59.25	4.15p.	20.9	5.35a.	64	16.6
6	62.40	9.00a.	28.5	2.20p.	90	17	59.97	3.00p.	21	2.20a.	63	15
7	62.65	10.00p.	29.7	0.55p.	89	16.6	59.45	2.45p.	20.4	4.15a.	49	14.6
8	63.60	9.45p.	28	0.05p.	84	15.5	60.60	2.55p.	19.3	11.55p.	49	12.5
9	**64.25**	9.15a.	27	0.25p.	89	**13.7**	**60.95**	3.15p.	17.4	11.55p.	48	**11.7**
10	63.37	9.00a.	28	1.25p.	88	15.2	60.59	4.00p.	**17.2**	4.55a.	55	12.3
11	63.05	8.45a.	28.8	2.25p.	90	17.6	59.75	3.30p.	18.8	6.30a.	62	14
12	62.45	9.20a.	27.9	0.20p.	**96**	20	59.85	4.10p.	20	6.25a.	68	16.6
13	61.60	9.25a.	27.6	10.25a.	95	20.1	59.65	3.00p.	**21.1**	5.45a.	**70**	17.3
14	62.20	9.35p.	**30.4**	2.20p.	95	13.5	58.90	3.20p.	20.4	11.40p.	57.5	15.5
15	62.75	9.15a.	29.1	0.35p.	93	17.9	60.20	3.30p.	18.8	5.20a.	60	15.4
16	62.79	9.00a.	**26.3**	0.40p.	92	16.8	59.85	3.00p.	18.9	5.45a.	67	14.9
17	62.55	9.10a.	29	2.35p.	92	15.7	58.95	3.20p.	18.2	11.15p.	54	14.4
18	61.70	9.40a.	28.9	2.20p.	93	18	58.36	4.00p.	17.1	5.10a.	62.5	14
19	60.90	9.05a.	29.1	1.40p.	**98**	19.5	58.20	3.20p.	19	6.30a.	64	16.1
20	61.90	10.00a.	30	2.05p.	95	19.2	58.70	3.30p.	20.2	4.50a.	53	14.7
21	62.10	9.00a.	27.5	3.55p.	92	16.4	58.35	3.05p.	18.4	11.45p.	57	14.5
22	62.76	9.00a.	28.7	3.05p.	95	15.8	59.65	3.15p.	16.7	6.30a.	56	13.2
23	62.60	0.05a.	28.6	0.55p.	95	15.3	59	3.50p.	**15.7**	5.55a.	**46.5**	12.8
24	61.40	9.15a.	28.6	2.45p.	95	17.4	**57.79**	3.00p.	18	3.45a.	60	14.1
25	**60.50**	9.15a.	29	1.50p.	90	16.6	57.90	3.05p.	19.3	6.45a.	59	14.6
26	61.75	9.15a.	28.7	2.30p.	83	16	59.10	3.25p.	20.1	11.55p.	57.5	14.1
27	61.55	8.50a.	27.9	0.50p.	88	16.2	58.40	3.15p.	18.5	3.45a.	60	14.5
28	61.25	9.05a.	27.8	11.50a.	90	16.7	57.81	3.00p.	19.7	5.05a.	62	15
29	60.65	9.30a.	28.7	2.50p.	93	16.7	58	3.15p.	18.6	6.15a.	61	15.1
30	60.70	9.45a.	28.1	2.35p.	96	18.8	57.86	4.00p.	17.6	6.20a.	60	14.6
31	61.40	9.15a.	27.4	1.45p.	90	17.8	58.96	3.00p.	21	6.25a.	63.5	16.3
Mean	762.08	-------	28.5	-------	92.3	17.5	759.12	-------	19.1	-------	59.6	14.8

DAILY GENERAL REMARKS.

1____Coloration of Ci. at sunrise.
2____Cloudy weather.
3____As yesterday.
4____d° in the afternoon.
5____Overcast.
6____Do.
7____Somewhat gusty NE winds in the afternoon.
8____As yesterday.
9____Light coloration of clouds at sunrise and sunset; ⊕ in the morning; somewhat gusty NE winds in the afternoon.
10____Convergence of Ci. toward SSE in the afternoon.
11____Overcast.
12____●° in the afternoon.
13____d in the afternoon.
14____d early in the morning.
15____Overcast.
16____∪° in the evening.
17____Cloudy weather.
18____Do.
19____Do.
20____Do.
21____Do.
22____Convergence of Ci. toward NW at noon; ⊽ in the evening.
23____Cloudy weather.
24____d° in the afternoon.
25____Overcast.
26____∪° in the evening.
27____Overcast.
28____Do.
29____Do.
30____Convergence of Ci. toward SSE.
31____Overcast.

OBSERVATIONS FOR FEBRUARY, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.70	60.45	60.20	60.35	60.65	61.10	61.14	61.79	**62.09**	61.90	61.59	61
2	60.80	60.40	60.30	60.35	60.35	60.51	61.24	61.51	**62.03**	61.84	61.47	61.10
3	60.20	59.75	59.55	59.50	59.75	60.11	60.70	61.06	**61.28**	**61.28**	61.05	60.21
4	59.30	58.85	58.60	58.60	58.80	59.23	59.56	59.79	60.05	**60.25**	59.85	59.38
5	58.30	58.10	58.05	58.05	58.35	58.62	59.04	59.60	**60.01**	**60.01**	59.56	59.04
6	57.95	57.50	57.35	57.55	57.90	58.32	58.94	59.49	**59.74**	59.66	59.03	58.39
7	58.35	58.10	**58**	58.10	58.35	58.56	58.88	59.40	59.85	**59.91**	59.52	58.89
8	59.50	59.25	**59.15**	59.40	59.75	60.05	60.35	60.84	61.65	61.56	61.11	60.81
9	61.30	60.85	**60.35**	60.60	60.75	61.10	61.54	61.80	62.21	**62.46**	62.16	61.55
10	61.60	61.10	60.95	61	61.05	61.17	61.22	61.32	61.70	61.74	61.25	60.90
11	61.45	61.15	60.95	**61.15**	61.45	61.84	61.90	62.09	62.70	**63.04**	62.83	62.03
12	60.30	60.15	59.75	59.75	59.95	60.22	60.46	61.06	**61.25**	61.05	60.84	60.47
13	60.65	60.15	59.90	59.70	59.95	60.32	60.64	61.03	61.19	**61.29**	60.57	60.03
14	59.75	59.50	59.10	59.20	59.50	59.73	60.06	**60.28**	60.24	60.19	59.90	59.28
15	59.30	59.10	58.95	59.05	59.25	59.63	60.13	60.49	**60.84**	60.79	60.18	59.43
16	60.15	59.95	59.85	59.80	60.05	60.53	61.22	61.70	62.13	62.29	61.92	61.37
17	61.75	61.55	61.45	61.40	61.45	61.85	62.25	62.96	63.39	**63.44**	62.69	62
18	62.50	62.30	61.75	61.35	61.70	62.07	62.50	63.21	**63.35**	63.23	62.88	62.29
19	62.30	62.10	61.60	61.55	61.70	61.80	62.42	62.66	63.20	**63.36**	62.99	62.60
20	62.50	62.15	61.85	61.80	61.95	62.37	62.97	63.65	**63.77**	63.67	63.39	62.76
21	62.40	62	61.90	61.90	62.15	62.54	63	63.55	**64.12**	64.04	63.69	63.08
22	62.15	62.05	61.90	62.05	62.35	63.07	63.75	63.89	64.10	**64.20**	63.71	63.20
23	62.50	62.30	62.15	62.30	62.50	63	63.40	63.84	**64.01**	63.68	63.28	62.72
24	63.55	63.20	63.20	63.20	63.20	63.69	64.05	64.65	**64.99**	64.85	64.24	63.93
25	63.25	62.90	62.55	62.30	62.45	62.85	63.35	63.60	**63.71**	63.64	63.23	62.60
26	62	61.75	61.60	61.60	61.70	61.84	62.34	62.59	**62.94**	62.87	62.45	61.88
27	61.95	61.85	61.60	61.85	62.05	62.50	63.01	63.41	63.65	**63.69**	63.03	62.39
28	62.35	62.10	61.70	61.65	61.75	62.03	62.35	62.53	**62.86**	62.71	61.99	61.35
Mean	61.03	60.74	60.51	60.54	60.74	61.09	61.51	61.92	**62.25**	62.24	61.80	61.24

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.1	21.8	**21.1**	21.2	21.3	21.3	21.3	22.7	24.9	25.6	25.4	25.9
2	21.7	**21.2**	22	21.8	21.7	21.3	21.7	23	25.4	26.8	26.8	26
3	**20.8**	**20.8**	21.2	21.6	21.6	21.7	21.8	24	26.8	28.4	26.6	28.4
4	23.7	23.2	22.6	**22.3**	**22.3**	22.8	23.1	25.7	27.2	28.8	27.5	28.2
5	22.5	22.5	22.2	21.9	21.5	**21**	21.3	24.4	27	27	27.7	28.7
6	22.8	22.4	22.3	**22.2**	22.7	23.2	23.7	25.5	27	27.7	28	**29.9**
7	22.9	22.5	22.6	22.3	21.8	21.7	21.1	23.7	25.5	25.4	26.3	26.9
8	19	18.4	18.6	18.2	18.1	**18**	18.5	21.5	25	25.9	26.5	26.2
9	19.6	19.2	19.1	18.9	**18.8**	19.4	20	21.5	23.5	24.7	25.1	24.9
10	21	20.4	20.7	20.8	20.6	**20**	20.6	22.8	23.6	26.4	27.4	27.2
11	21	**20.9**	21.5	21.3	21.4	21.5	21.9	22.5	23.4	24.3	23.2	24.3
12	**22.2**	23.1	23.1	**22.2**	23.1	23.1	23.3	24.6	26.5	26.7	27.9	**28.3**
13	22.3	22.4	21.9	21.9	21.9	**21.5**	22.3	23.5	26	27.2	28.6	27.9
14	22.5	22.2	21.3	20.9	20.7	**20.4**	20.7	24.8	27.3	28.5	28.8	28.8
15	22.6	23.2	22.3	21.7	21.2	**20.7**	21	24.1	27.2	28.2	28.6	29.4
16	24.2	24.3	24.1	24	23.5	**23**	23.3	26	27.6	27.5	27.9	30
17	22.9	22.6	21.6	**21.4**	21.7	22.1	22.7	25.4	26.3	27.2	27.9	**29.7**
18	22.1	21.7	21.5	21.2	**20.7**	21.5	22	23.4	25.3	25.3	25.8	25.6
19	21.5	21	20.3	20.3	20.8	20.4	21.1	21.7	23.2	24	25.4	25.8
20	19.9	19.8	19.4	18.9	19	**18.4**	19.1	21	23.3	23.9	24.7	**26.4**
21	19.5	18.9	18.2	18.5	18.2	**17.7**	18.3	20.8	22.6	23.5	**23.8**	25
22	18.3	17.8	17.3	17.6	17.4	**17**	17.3	21.3	24	23.3	24.4	25.9
23	20.7	**20**	20.4	20.4	**20**	20.1	20.6	22.7	25.6	26.8	27.5	26.8
24	20	18.6	17.9	17.1	16.5	**16.2**	16.9	22.1	25.3	25.5	27.2	25.3
25	20	20.2	19.2	19.6	19.3	**18.5**	19.6	23.4	25.6	25.6	26.5	26.8
26	21.6	21.2	**20.8**	21.2	21.5	21.9	22.1	25	26.8	27.3	27.1	27.6
27	21.5	20.5	19.6	18.9	18.2	**17.9**	18.7	23.7	25.1	25.9	**26.5**	27.6
28	20.8	20.5	20.2	19.9	19.2	**19**	19.9	24.8	25.7	27	27.5	27.5
Mean	21.4	21.1	20.8	20.6	20.5	**20.4**	20.9	23.4	25.5	26.2	26.7	27.2

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.51	60.02	**59.74**	59.76	60.04	60.74	61.18	61.40	61.70	61.65	61.45	61.20	60.93
60.47	59.89	59.57	**59.47**	59.68	59.96	60.07	60.45	60.90	**60.85**	60.75	60.60	60.61
59.66	58.59	**58.02**	58.07	58.28	58.57	59	59.55	59.80	59.75	59.65	59.45	59.70
58.48	57.72	57.32	**57.14**	57.21	57.42	57.97	58.45	58.85	58.80	58.60	58.40	58.69
58.05	57.25	56.97	**56.92**	57.21	57.49	57.77	58.20	58.30	58.45	58.45	58.25	58.34
57.73	57.02	56.67	**56.49**	56.66	56.88	57.15	58.10	58.35	58.45	58.55	58.50	**58.02**
58.30	57.71	57.56	**57.54**	57.64	58.01	58.45	59.05	59.55	59.80	59.85	59.75	58.71
60.31	59.61	59.44	59.23	59.45	59.83	60.20	60.75	61.15	61.45	61.50	**61.70**	60.34
60.76	60.46	60.43	60.49	60.86	61.26	61.39	61.60	61.80	61.95	62.05	61.90	61.32
60.53	60.34	**60.27**	60.54	60.67	61.07	61.40	**61.85**	61.80	**61.85**	61.80	61.60	61.20
61.19	60.79	60.20	59.77	**59.57**	60.23	60.59	60.90	61.20	61.05	60.85	60.70	61.23
59.99	**59.11**	59.16	59.61	59.84	60.05	60.41	60.65	60.80	61.15	60.95	60.95	60.33
59.31	58.93	**58.63**	58.95	59.11	59.15	59.36	59.45	59.90	59.85	59.95	59.90	59.91
58.45	57.83	57.53	**57.44**	57.67	57.87	58.57	59.05	59.40	59.55	59.50	59.45	59.13
58.38	57.89	**57.37**	57.39	57.78	58.27	59.07	59.65	60.15	60.05	60.25	60.35	59.32
60.44	59.86	**59.34**	59.54	60.12	60.59	61.17	61.80	62.05	**62.30**	62.25	62.05	60.94
61.36	60.57	**60.23**	60.47	60.77	61.20	61.75	62.25	62.65	62.90	62.85	62.75	61.91
61.51	60.82	**60.58**	60.62	60.67	61.01	61.39	62.20	62.75	62.85	62.90	62.75	62.05
61.83	61.09	60.76	**60.75**	61.08	61.39	61.94	62.40	62.80	63.05	63	62.70	62.13
61.89	60.94	**60.49**	60.59	61.04	61.33	61.80	62.40	62.70	62.90	62.70	62.50	62.25
62.06	61.39	61.01	**60.94**	61.04	61.39	61.76	62.10	62.60	62.80	62.80	62.60	62.37
62.14	61.34	**60.93**	**60.93**	61.26	61.46	61.75	62.15	62.65	62.85	63	62.85	62.49
61.92	61.15	**60.84**	60.92	61.35	61.89	62.49	63.10	63.60	63.70	63.95	63.75	62.68
62.99	62.39	62.18	**62.15**	62.58	62.94	62.95	63.30	63.55	63.60	63.65	63.50	**63.44**
61.89	61.20	**61.04**	61.12	61.67	62.34	63.12	63.20	62.05	62.30	62.25	62.25	62.54
61.30	60.49	**60.08**	60.17	60.53	60.96	61.53	62.05	62.35	62.40	62.30	62.25	61.75
61.75	60.84	60.56	**60.47**	60.57	60.91	61.24	61.80	62.25	62.85	62.90	62.55	62.07
60.77	60.12	**59.72**	59.95	60.36	60.81	61.44	61.90	62.20	62.30	62.35	62.20	61.65
60.50	59.83	59.52	59.55	59.81	60.18	60.60	61.06	61.35	61.48	61.47	61.34	60.93

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
25.4	25.4	25.9	**26.2**	25.4	24.3	23.2	22.5	22.3	21.9	21.9	21.8	23.4
27.5	27.9	27.9	**28**	26.4	24.9	23.5	22.4	21.9	21.4	**21.2**	**21.2**	23.9
27.3	28	**28.8**	27.5	27.8	26.9	25.5	24.6	24.1	23.8	23.4	23.4	24.8
28.7	**31.6**	31.4	30.5	29	26.9	25.9	25.3	24.5	23.9	23.2	22.8	**25.9**
28	**29.4**	29.1	28.4	28.1	26.2	25.8	25.5	25.1	24.6	23.7	23.1	25.2
29.4	29.6	29.1	28.9	27.3	26	25.8	25.3	25.3	24.5	23.4	23.3	25.6
27.9	27	27.4	27.8	27.3	24.7	23.1	22.3	21.7	21.3	20	**19.3**	23.9
25.5	**28**	26.7	27.1	26	23.8	22.2	21.7	21.1	20.8	20.7	20.5	22.4
25.7	25.5	25.4	**26.4**	25.5	24.2	23.1	22.3	21.7	21.3	21	21	22.4
28.2	**28.3**	27.7	26.3	25.6	24.6	23.9	**23.6**	**22.6**	22.5	21.8	**21.8**	23.7
25	**26**	25.3	25.1	**25**	24.4	24	23.4	22.8	23	22.8	**23.3**	23.2
27	28.1	27.7	26.6	25.7	24.5	23.8	23.4	23	22.7	22.6	22.4	24.6
28.5	27.7	**29.8**	27.1	26.9	25.3	24.4	24.1	23.6	22.7	22	21.6	24.6
29.4	29.6	**30.1**	**30.1**	28.6	26.4	25.3	24.8	24.3	23.8	23.4	22.7	25.2
29.9	29.8	**30.8**	30.2	29	27.4	26.7	26.1	25.7	24.9	24.8	24.4	25.8
28.4	**30.3**	29.1	28.5	28.5	26.6	25.5	24.4	23.7	23.8	23.8	23.9	**25.9**
28.8	28.1	27.7	27.6	27.1	24.9	23.5	23.1	23.2	23.3	23.1	22.7	24.8
25.3	**26.5**	26.3	26.1	25.3	23.8	23.3	22.6	22.5	22.2	22	22	23.5
26.9	25.3	25.5	25.7	24.5	23.3	22.3	21.8	21.4	20.8	20.5	**19.9**	22.6
26.2	25.5	25.4	24.9	24.5	23.7	23	22.2	21.2	20	19.7	19.8	22.1
25.2	**26.1**	26	25.3	24.7	24	22.8	22.1	21.2	20.7	19.7	19	**21.7**
26.4	25.5	**26.8**	26	25.2	23.9	23.2	22.6	22.8	22.6	22.2	21.6	22.1
27.2	25.8	26.8	**28**	26.3	23.7	22	20.7	20.3	21	21.2	20.7	23.1
28.2	**29**	27.2	26.7	26.3	24.2	22.7	21.6	20.6	20	19.8	19.6	22.3
27.5	**28.5**	27.1	27.9	26.9	25.7	24.6	24	23.8	**23.3**	23.2	22.6	23.7
28.4	30.2	**30.6**	28.7	27.7	25.6	24.5	**23.9**	23.2	23	22.9	21.9	24.8
28.3	29.2	29.8	**30.3**	28.7	26.6	25.7	24.5	23.6	23.2	22	21.6	24.1
28.2	29.8	**30.5**	30.4	28.5	27	25.1	24	23.3	23	22.7	22	24.4
27.4	**27.9**	**27.9**	27.6	26.7	25.1	24.1	23.4	22.9	22.5	22.1	21.8	23.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	84	88	87	86	86	88	82.5	72	69	70	69
2	87	89	84	87	86	89	89	86	69	67	65	72
3	93	94	93	92	93	93	92	77.5	67	65	73	68
4	89	92	95	96	95	94	94	83	78	69	77	73
5	98	97	96	96	95	96	96	84	75	77	76	71
6	97	98	97	98	95	93	90	81	74	68.5	69	62
7	80	82	81	82	85	85	90	79	74	74	70	70
8	90	93	90	93	93	93	91	78	65	60	57	60
9	88	89	87	89	89	86	85	78	72	67	66	66.5
10	83	87	85	83	84	87	83	70	67	54	52	53
11	78	79	77	78	78	78	78	77	75	65	73	68
12	81	75	75	81	74	74	74	71	62	62	57	55
13	83	83	87	87.5	87.5	90	89	84	71	65	61	67.5
14	86	88	92	93	92.5	94	95	79	64	63	62	62
15	89	85	90	93	94	95	95	82	68	64	64	64
16	91	90	91	92	94	96	94	75.5	66	69	68	57
17	75	76	82	83	81	79	76	63	62	57	55.5	51
18	77	78	76	77	82	74	72	68	58	57	56	58
19	73	74	77	79	73	78	72	69	63	59	56.5	53
20	82	82	83	84.5	84	86	81	73	65	63	60	57
21	83	85	90	88	90	91	88	79	73.5	69	66	61.5
22	94	96	98	94	95	97	97	79	70	74	73	69
23	80	84	82	84	88	88	86	74	60	52.5	49	58
24	73	79	82	87	90	92	90	71	58	59	56	59
25	83	82	87	83	86	91	87	69	66.5	67	66	63
26	88	91	98	91	90	87	83	76	71	68	71	70
27	87	90	93	95	96	96	97	79	75	72	68	64
28	89	90	90	91	92	94	92	75	69	65	65	66
Mean	85	86.1	87.2	88	88.1	88.6	87.3	76.5	68.2	65	64.4	62.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.5	16.3	16.4	16.3	16.3	16.3	16.6	16.9	16.8	16.9	16.9	17.1
2	16.7	16.7	16.5	17	16.5	16.8	17.2	18	16.7	17.6	17.1	17.9
3	16.9	17.1	17.3	17.6	17.8	17.9	17.8	17.2	17.6	18.7	18.8	19.6
4	19.3	19.5	19.3	19.3	18.9	19.3	19.7	20.4	20.8	20.2	21	20.8
5	19.9	19.7	19.2	18.8	18.2	17.8	18.1	19.1	19.7	20.3	20.9	20.9
6	19.9	19.8	19.5	19.5	19.4	19.7	19.5	19.7	19.6	18.9	19.3	19.4
7	16.6	16.7	16.5	16.5	16.5	16.4	16.7	17.2	17.9	17.7	17.9	18.5
8	14.8	14.7	14.4	14.5	14.4	14.3	14.4	14.8	15.4	14.8	14.6	15.1
9	14.9	14.8	14.4	14.4	14.4	14.4	14.8	14.8	15.4	15.5	15.6	15.6
10	15.3	15.5	15.5	15.2	15.2	15.1	15	14.5	14.5	13.8	14.2	14.2
11	14.5	14.5	14.7	14.8	14.7	14.8	15.2	15.7	16	14.8	15.4	15.4
12	16.2	15.8	15.8	16	15.5	15.5	15.7	16.3	15.8	16.1	16	15.8
13	16.7	16.8	16.9	17.1	17.1	17.2	17.9	18	17.7	17.4	17.8	18.8
14	17.4	17.6	17.3	17	16.8	16.8	17.3	18.5	17.7	18.3	18.2	18.2
15	18	18	18.1	17.9	17.5	17.3	17.5	18.4	18.3	18.2	18.7	19.4
16	20.5	20.3	20.4	20.4	20.2	19.9	20	18.8	18.1	18.9	19	17.9
17	15.6	15.5	15.7	15.7	15.7	15.6	15.6	15.1	15.8	15.2	15.5	15.8
18	15.3	15	14.5	14.4	14.8	14.2	14.2	14.5	13.8	13.6	13.8	14.1
19	13.9	13.7	13.6	14	13.3	13.9	13.5	13.3	13.3	13.1	13.6	13.3
20	14.2	14.1	13.9	13.7	13.7	13.6	13.3	13.5	13.9	13.8	14	14.5
21	14	13.9	14	14	14	13.7	13.8	14.4	15	14.9	14.6	14.5
22	14.7	14.5	14.4	14.1	14	14	14.2	14.9	15.6	15.7	16.6	17.1
23	14.5	14.6	14.7	15	15.3	15.4	15.5	15.2	14.6	13.7	13.3	13.9
24	12.8	12.5	12.5	12.6	12.5	12.5	12.8	14	13.8	14.4	15	14.1
25	14.5	14.5	14.5	14.1	14.3	14.4	14.7	14.8	16.2	16.4	16.9	16.5
26	16.9	17	16.9	17	17.2	16.9	17.5	17.8	18.5	18.2	18.9	19.4
27	16.5	16.1	15.8	15.4	14.9	14.6	15.6	17.2	17.8	18	17.6	17.7
28	16.2	16.1	15.8	15.8	15.3	15.4	16	17.4	16.8	17.1	17.7	18.1
Mean	16.2	16.1	16	16	15.9	15.8	16.1	16.4	16.5	16.5	16.7	16.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70.5	69	67	60	60.5	69	76	79	81	83	84	85	77
60	59	59	57	59	67	76	82	87	89	91	91	77
73	71	70	75	73	77	81	86	89	91	91	90	82
69	56	57	62	70	82	88	88	92	95	98	98	82.9
74	68	71	77	77	87	88	89	91	92	95	97	86
66	69	74	74	77	80	83	84	70	68	77	78	80.1
66	66	64	60	56	66	72	76	77	79	87	89	75.4
60	51	55	50	53	63	71.5	74	77	81	82	82	73.4
63	63	63	55	59	68	71	75	78	80	83	83	75.1
51	52	54	55	59	62	67	67	73.5	73	77	74.5	68.9
67	60	61	62	63	66	68	71	76	72	74	73	71.5
60	55	58	61	63	68	69.5	75	77	78	80	82	69.5
66	68.5	56.5	74	67	74	79	79	81	86	89	92	77.8
60	59	57.5	57	65	74	80	82	83	86	87	90	77.1
62	63	63.5	65.5	67.5	76	82	85	84	88	87	90	79
61	49	50	53	54	59	65	71	76	76	74	73	72.7
54.5	59	60	60	58	64	69	73	70	70	72	74	67.7
58	53	51	52	58	62	65	68.5	69	71	72	72	66
50.5	57	54.5	52	55	61	71	71	73	78	78	79	66.9
60	61	63	66	63	62.5	66	72	77.5	84	83	81	72.5
62	58	60	66	69	70	75	77	82	85	89	91	77
64	67	60	61	59	65	64	68	66	70	71.5	77	76.2
52	57	50	43	44	52.5	58.5	64.5	67	65	64	69.5	65.3
48	47	50	50	51	59	66	70	76	80	83	84	69.2
60	58	64	60	63	68	71.5	76	77	78	80	84	73.8
66	61	59	64	68	76	78.5	82	84	83	81	86	77.8
65	60	56.5	53	59	68.5	69	74	76	79	84	86	76.8
65.5	61	52	55	59	65	61	76	78	80	82	85	74.9
61.9	59.9	59.3	60	61.8	68.3	72.6	76.2	78.1	80	82	83.4	74.6

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17	16.7	16.5	15.1	14.6	15.6	16.1	16	16.1	16.2	16.4	16.5	16.3
16.4	16.6	16.6	16	15.2	15.8	16.4	16.6	16.9	16.9	17	17	16.8
19.5	20.1	20.6	20.4	20.2	20.4	19.7	19.7	19.8	19.8	19.5	19.3	18.9
20.1	19.5	19.6	20.2	20.8	21.6	21.8	21	21.1	20.9	20.8	20.3	20.3
20.9	20.8	21.4	22	21.6	22	21.6	21.7	21.5	21.2	20.6	20.3	20.3
20	21.3	22	21.9	20.7	20	20.5	20.2	16.9	15.5	16.5	16.6	19.4
18.4	17.5	17.4	16.8	15.1	15.2	15.2	15.1	14.9	14.9	15.1	14.9	16.5
14.5	14.2	14.3	13.4	13.4	13.7	14.2	14.4	14.4	14.8	15	14.8	14.5
15.4	15.4	15.1	14.2	14.4	15.2	15	15	15	15.1	15.3	15.5	15
14.4	14.9	14.9	13.9	14.3	14.2	14.8	14.5	15	14.9	15	14.5	14.7
15.7	14.9	14.6	14.8	14.8	15	15.1	15.1	15.7	15	15.3	15.5	15.1
15.9	15.5	16	15.8	15.4	15.7	15.2	16	16.1	16.1	16.3	16.6	15.9
19	18.9	17.6	19.7	17.7	17.8	18	17.7	17.6	17.6	17.5	17.6	17.8
18.2	18.1	18.2	18	19	19	19.1	19	18.8	18.9	18.6	18.5	18.1
19.4	19.8	20.9	20.9	20	20.6	21.3	21.4	20.7	20.6	20.3	20.4	19.3
17.6	15.7	14.9	15.3	15.7	15.2	15.7	16.2	16.5	16.6	16.3	16	17.8
16	16.6	16.7	16.4	15.5	14.9	14.9	15.3	14.8	14.9	15.2	15.1	15.5
13.8	13.6	13	13.1	14	13.6	13.9	14	14	14.1	14.2	14.2	14.1
13.3	13.6	13.2	12.9	12.5	13.1	14.2	13.8	13.9	14.3	14	13.7	13.5
15.1	14.7	15.1	15.4	14.5	13.6	13.7	14.4	14.5	14.6	14.2	13.9	14.2
14.9	14.7	15.1	15.9	16	15.6	15.5	15.3	15.3	15.5	15.3	14.9	14.8
16.4	16.2	15.6	15.2	14	14.3	13.6	13.8	13.7	14.3	14.2	14.8	14.8
14	14	13.1	12.2	11.2	11.4	11.5	11.7	11.8	12	12	12.6	13.5
13.5	13.9	13.5	13	12.9	13.2	13.6	13.5	13.8	14	14.3	14.2	13.5
16.4	16.8	17	16.8	16.6	16.7	16.4	16.8	16.8	16.6	17	17.2	16
18.9	19.5	19.3	18.7	18.7	18.5	17.9	18.1	17.9	17.3	16.8	16.7	17.9
18.5	18	17.6	16.9	17.4	17.7	16.8	16.9	16.6	16.6	16.5	16.4	16.8
18.6	19	16.8	17.6	17.1	17.1	16.8	16.8	16.6	16.7	16.8	16.7	16.8
16.9	16.8	16.7	16.5	16.2	16.3	16.4	16.4	16.3	16.3	16.3	16.2	16.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	S.-Cu.	A.-Cu. ESE	S.-Cu.	A.-Cu.	Cu. ENE	----------	Cu. ENE	----------	S.-Cu. ENE
2	A.-Cu.	N. E	A.-Cu.	S.-Cu. E	A.-Cu.	S.-Cu. E	----------	S.-Cu. E	A.-Cu.	S.-Cu. E
3	A.-Cu.	S.-Cu. E	Ci.	S.-Cu. E	----------	S.-Cu. E	----------	Fr.-N. E	----------	S.-Cu.
4	Ci.-Cu.	Cu.	Ci.	Cu. E	A.-Cu.	Cu. EbyS	A.-Cu.	Cu. ESE	A.-Cu.	Cu.-N.
5	----------	Cu.	----------	Cu.	Ci.-Cu.	Cu.	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.
6	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.	A.-Cu. SW	Cu.	A.-Cu.	Cu.
7	Ci.-S.	Cu.	A.-Cu.	Cu. ENE	----------	Cu. ENE	----------	Cu. EbyN	----------	Cu.
8	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. EbyN	----------	Cu. EbyN
9	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. ENE	Ci.-S.	Cu. ENE
10	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu. ENE	Ci.-S.	Cu. ENE	A.-Cu.	Cu. ENE	Ci.-S.	S.-Cu. ENE
11	A.-Cu. SE	S.-Cu. E	A.-Cu.	S.-Cu. E	----------	N.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
12	A.-Cu. SE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	S.-Cu. E	Ci.-S.	Cu.
13	Ci.-S.	s.-cu. EbyN	Ci.-S.	S.-Cu.	A.-Cu.	S.-Cu. EbyN	A.-Cu.	S.-Cu. EbyN	A.-Cu.	S.-Cu. EbyN
14	----------	Cu.	Ci.-Cu.	Cu.	----------	Cu. ENE	----------	Cu. E	----------	Cu.
15	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-Cu.	Cu.
16	A.-cu. EbyS	Cu.	A.-Cu. EbyS	Cu.	A.-Cu.	Cu. E	----------	Cu. ENE	----------	Cu.-N. ENE
17	A.-Cu.	Cu.	A.-Cu. W	Cu. ENE	A.-Cu. W	Cu. ENE	A.-Cu.	Cu.	A.-Cu.	Cu.
18	A.-Cu. ESE	Cu.	A.-Cu. ESE	Cu.	----------	Cu. ENE	----------	S.-Cu. ENE	----------	S.-Cu.
19	Ci.-S	S.-Cu. ENE	Ci.-S.	S.-Cu. ENE	Ci.-S.	S.-Cu. ENE	A.-Cu.	Cu.	A.-Cu.	Cu.
20	A.-Cu. W	Cu.	A.-Cu. W	Cu.	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. E
21	A.-Cu. WSW	Cu.	A.-Cu. WSW	Cu.	A.-Cu.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu. E
22	Ci.	S.-Cu.	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.-S.	Fr.-N. E	Ci.-S.	Cu. E
23	A.-Cu.	Cu.	A.-cu. SE	Cu.	A.-Cu.	Cu.	----------	Cu.	----------	Cu.
24	Ci.	----------	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	----------	N.-cf. NEbyE
25	A.-Cu. SE	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
26	A.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. EbyS	A.-Cu.	Cu.
27	Ci.	----------	Ci.	----------	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
28	Ci.	Cu.	Ci.	Cu.	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu. E	----------	S.-Cu. EbyS	A.-Cu.	S.-Cu. EbyS	A.-Cu.	Cu. E	A.-Cu.	Cu. E
2	A.-Cu.	Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	A.-Cu.	Cu. E	A.-Cu. E	Cu.
3	A.-Cu.	Fr.-N. ENE	A.-Cu. SE	Cu. E	A.-Cu.	Cu. E	A.-Cu. SE	Cu. E	A.-Cu.	Cu. E
4	A.-Cu.	Cu. ESE	----------	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
5	A.-Cu.	Cu.	Ci.-Cu. SW	Cu.-N	Ci.-Cu. SW	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.
6	A.-Cu.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
7	----------	Cu.	----------	Cu. ENE	Ci.	Cu.-N. E	Ci.	Cu.	----------	Cu.
8	----------	Cu. E	Ci.	S.-Cu. ENE	Ci.	Cu. ENE	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. EbyN
9	----------	Cu. EbyN	----------	Cu.-N. EbyN	----------	Cu. E	A.-Cu. ESE	S.-Cu. E	Ci.-S.	Cu. E
10	A.-Cu.	S.-Cu. ENE	A.-Cu. E	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE	A.-Cu.	S.-Cu.	Ci.-S.	S.-Cu.
11	----------	S.-Cu.	----------	N.-cf. E	----------	S.-Cu.	Ci.-S.	S.-Cu.	----------	S.-Cu.
12	Ci.-S.	Cu.	A.-Cu.	Cu. EbyN	A.-Cu.	Cu. EbyN	Ci.-S.	S.-Cu. EbyN	Ci.-S.	S.-Cu. E
13	A.-Cu.	S.-Cu. EbyN	----------	Cu. E	----------	Cu. ENE	----------	Cu.-N. ENE	A.-Cu. S	S.-Cu.
14	----------	Fr.-Cu. E	A.-Cu.	Fr.-Cu. E	Ci.	Cu. E	A.-Cu.	Cu.	Ci.-Cu.	Cu.
15	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
16	A.-Cu. SE	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu. ESE	Cu.	A.-Cu.	Cu.
17	A.-Cu.	Cu. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE	A.-Cu.	S.-Cu.
18	----------	S.-Cu. E	A.-Cu.	S.-Cu. ENE	A.-Cu.	S.-Cu. ENE	A.-Cu.	S.-Cu.	A.-Cu.	S.-Cu.
19	A.-Cu.	Cu. ENE	----------	S.-Cu. EbyN	----------	Cu. ENE	----------	S.-Cu. ENE	----------	S.- Cu.
20	A.-Cu. WSW	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.	A.-Cu.	Cu.
21	Ci.-S.	Cu.	----------	Cu. E	----------	Cu. E	A.-Cu. W	Cu.	----------	S.-Cu.
22	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. NE	A.-Cu. SW	Cu. NE	A.-Cu.	Cu.-N. NE	A.-Cu.	Cu.-N.
23	----------	Cu. NE	A.-Cu.	Cu. ENE	A.-Cu.	Cu.	Ci.	Cu.	Ci.-Cu.	Cu.
24	----------	Cu. ENE	Ci.	Cu. ENE	----------	N.-cf. E	Ci. SSE	Cu. EbyN	Ci.	Cu.
25	----------	Cu. E	Ci.-Cu.	Cu. E	----------	Cu. E	A.-Cu.	Cu. E	----------	S.-Cu.
26	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
27	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.
28	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E	----------	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SSE 1	SSE 0.5	SSE 1	Calm	Calm	Calm	Calm	S 0.5	W 1.5	W 1.5	WbyS 2.5	WSW 2.5
2	Calm	Calm	WNW 1.5	ENE 0.5	Calm	NbyW 0.5	Calm	N .5	NbyW .5	SW 1.5	WSW 3.5	ESE 2.5
3	Calm	Calm	Calm	ENE .5	ENE 0.5	Calm	Calm	NNE 1	NNE .5	WNW 2	W 2	NNW 3
4	E .5	Calm	Calm	Calm	Calm	W 1	W 0.5	ENE .5	WSW 1	SSW 1.5	WbyN 2.5	WNW 2
5	ESE .5	Calm	NNE .5	NE .5	Calm	ENE 1	ENE .5	Calm	NNE 1	NW 2	WNW 3	W 2
6	SSW 1	Calm	SW .5	Calm	NNW 1	NbyE 1	NbyW 1	NNE 1.5	NNE 1.5	NW 5	NW 4.5	NW 4.5
7	N 3	NNE 2.5	NNE 2.5	NNE 2.5	NE 1.5	NNE 1.5	NbyW 1.5	NNE 1.5	WSW 1	W 1	WNW 3	W 2.5
8	Calm	Calm	Calm	ENE .5	ENE .5	NEbyN 2	NbyE .5	NNE 1	Calm	WNW .5	SW .5	SW .5
9	NE .5	NE .5	Calm	NE 1	NNE 1	ENE 2	N .5	N 1.5	NNE 2	NE 3	NNE 4.5	NNE 2.5
10	Calm	Calm	N 1	N .5	Calm	NE .5	NNE 1.5	N 1.5	NNE 1	NNE 6	NE 7	NE 5
11	Calm	NNE 1.5	Calm	Calm	Calm	N .5	NW .5	NNW 1	NNW .5	ENE 6	NE 1	NE .5
12	Calm	NNE 1.5	NNE 2	NE 2	NNE 2.5	N 4.5	NbyE 4	N 3	NNE 5	N 4	NNW 5	N 5
13	NNE 1.5	NNE 1.5	NNE 1	Calm	NNE 1	Calm	Calm	NNE .5	NNE .5	NE 1.5	W 3.5	WSW 1.5
14	Calm	ENE .5	ENE 1	E 1.5	ENE .5	NE .5	Calm	Calm	E 3.5	E 3	WNW 6	WbyS 5
15	ENE 1	NNE 1	Calm	Calm	NNE .5	Calm	NNE .5	NNE .5	S .5	SW .5	WSW 2	SW 5
16	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NW .5	NW 1	S 1	S 1.5	SW 1.5
17	WNW 1.5	WNW .5	NNE .5	Calm	NW 1	Calm	NWbyN 2	NNW 1	SSW 1	WSW 3.5	SW 5	SW 1.5
18	NNW .5	NNW .5	NNW 1.5	NNW 1	Calm	Calm	NNW 1.5	N .5	NNE 1.5	NW 3	NE 1.5	Calm
19	NNW 1.5	NNW 1.5	NNE 1.5	N .5	NNW 2	Calm	Calm	NbyW 2	NNW .5	NW 4.5	WNW 1.5	WSW .5
20	Calm	Calm	Calm	N .5	NNW 1.5	Calm	N .5	NW .5	N 1	SW 1.5	W 4	W 4.5
21	E .5	Calm	Calm	E .5	NNE .5	NE .5	NNE .5	NNW 2	NNW .5	NWNby 1	WNW 3	WNW 2
22	Calm	ENE 1	ENE 1.5	NNE 1.5	NNE .5	NbyE 1.5	NbyE 3	NW .5	NNW 1	W 2	WSW 1	WSW 1
23	Calm	ESE 1	ESE 1	E 1	Calm	Calm	Calm	E .5	ESE 1.5	N 1.5	S 2	WSW 4
24	ESE .5	ESE .5	Calm	ENE .5	Calm	Calm	Calm	NNE .5	ENE .5	WSW 2.5	W 3.5	W .5
25	Calm	Calm	Calm	N 1.5	NNE 1	Calm	Calm	N 1	N .5	SW 2	WSW 4	WSW 1.5
26	Calm	SE .5	SE .5	Calm	Calm	NNE .5	NNE .5	NE 1	WSW .5	SW 2.5	WSW 2	WSW 6.5
27	ESE 2	EbyS 1	ESE 1	ENE 1	ENE .5	Calm	Calm	Calm	Calm	W 2	W 4.5	WSW 3.5
28	Calm	Calm	Calm	Calm	Calm	E .5	Calm	ESE .5	SSE 1	WSW 1	W 2	W 1.5
Mean	0.6	0.6	0.7	0.6	0.6	0.6	0.7	0.9	1.1	2.4	3.1	2.6

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 3	WbyN 0.5	NE 1.5	ENE 4	E 7	NNE 2	NE 1	Calm	Calm	Calm	ENE 1	Calm	1.3
2	ENE 4	ENE 4.5	ENE 5	ENE 5.5	E 5	E 2.5	Calm	E 0.5	E 1	E 1	E .5	Calm	1.7
3	S 2.5	WNW .5	WSW 3.5	WbyN 1	W 1	Calm	ESE 1	Calm	Calm	Calm	Calm	E 1	.8
4	WNW 1.5	SE 3.5	ESE 4	SE 4.5	SE 3.5	SE 2	SSW 1	SSE 1.5	SE 2.5	SE 1.5	SE 1	SE .5	1.5
5	W 2.5	W 5	W 3	WSW 1.5	SW 2.5	SW 1.5	SW 1.5	SW 1.5	SSW 1	SSW .5	Calm	SSW .5	1.3
6	WSW 5	WSW 3.5	WSW 4	SW 5	SW 4	SW 4	SW 1.5	SSW .5	NNW 2	NNW 3.5	NNW 4.5	N 3.5	2.6
7	W 3.5	WNW 1.5	WNW 3	NW .5	EbyN 2	EbyN 2.5	E 3	ESE 2.5	ESE 2	ESE 1.5	Calm	Calm	1.9
8	NE 3.5	NE 2	ENE 1.5	NE 6	NE 3.5	ENE 2.5	Calm	ENE 1.5	ENE 1	Calm	Calm	Calm	1.1
9	N 3.5	N 7	NNE 1	NNE 2.5	NNE 2.5	Calm	Calm	N .5	NNE .5	N .5	Calm	Calm	1.5
10	NE 7	NE 3.5	NE 1.5	NE 7.5	NEbyE 2.5	ENE 2.5	NNE 1.5	NNE 1.5	NE .5	Calm	Calm	Calm	2.2
11	NE 1.5	NE 4	NE 5	NNE 5	NE 4.5	NE 1.5	NNE 2	NNE 2	N 1.5	N 2	NNW 3	NNE 2.5	1.9
12	NEbyN 4	NE 6.5	N 4.5	N 2	NNW 3	NNE 1	N 1	Calm	Calm	Calm	N 1	NNE .5	2.6
13	SW 3	W 2	NW 2.5	Calm	E 2.5	E 4.5	E 3	E 2.5	NE .5	Calm	Calm	Calm	1.4
14	W 5	WbyS 3.5	ESE 8.5	ESE 1	SE 4	SE 1.5	SE 1.5	SE 3.5	SE 3	SE 2	SE 1	ENE 1	2.4
15	WSW 3	W 4.5	W 3	W 1	W 2	WNW 1	SSW 1	SSW 1.5	Calm	W 1	SSE .5	Calm	1.2
16	WSW 2	NE 6	NNE 3.5	NNE 4	NNE 5	NE 2.5	ENE 2	Calm	Calm	NNE .5	NNW .5	W 2.5	1.4
17	SSW 4	SW 5	SW 1.5	Calm	S 2	NE 4	ENE 2	ENE .5	ENE 1.5	E 1	Calm	Calm	1.6
18	NbyW 2.5	NE 2	NE 1.5	NNE .5	ESE .5	NE 3.5	ENE 1	ENE .5	NW .5	NW .5	NNW 1.5	NW 2	1.2
19	SE 2	SW 1	ENE 2.5	E 4.5	E 5	NNE 2	Calm	E 1.5	E .5	Calm	Calm	Calm	1.5
20	W 4	W 4.5	WSW 3.5	NW 4	NW 1	ESE 1.5	ESE .5	ESE 1.5	Calm	Calm	Calm	Calm	1.4
21	NW 3	W 2.5	SW 1	Calm	Calm	SE 1.5	ESE 2.5	SE 2.5	SE 1.5	Calm	ESE .5	Calm	1.1
22	E .5	ESE 6	EbyS 3	SE 1.5	E 2.5	Calm	E 2.5	E 1.5	ESE 2	Calm	ENE 1.5	Calm	1.5
23	WbyS 4.5	WSW 1	NNE .5	NNE 3	NE 2.5	ENE 4	EbyS 1	ESE 1.5	ESE 1.5	E 2	E 1.5	E 1	1.5
24	EbyN 3.5	ENE 4.5	EbyN 5	E 4	E 3	E 2	ENE 1.5	E 1.5	ESE .5	ESE 1.5	E .5	Calm	1.5
25	WbyS 1	WSW 2.5	Sw 1	Calm	ESE 2.5	ESE 2	ESE 7.5	ESE 3	NE 2.5	ESE 2	SE 2.5	Calm	1.6
26	WNW 4.5	NW 2.5	SE 3	SE 7	ESE 3.5	E 2.5	ESE 3	ESE 1.5	ESE 3	ESE 2.5	ESE 3	ESE 1.5	2.2
27	WbyS 3.5	W 3	WbyS 2.5	SSE 4	SSE 3.5	SSE 2	SE 2.5	ESE 2.5	EbyS 2	ESE 1	EbyS 1	ESE 1	1.8
28	W 5	W 3.5	WNW 4	W 4	SW 1	SE 1.5	ESE 1	ESE 1.5	SE 2.5	ESE 1.5	SE 2	SEbyE 1	1.5
Mean	3.3	3.4	3	3	2.9	2.1	1.6	1.4	1.2	0.9	1	0.7	1.6

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4	3.5	3	2	2.5	2.5	2	3	4	10	12	9
2	0	0	1.5	.5	3.5	.5	0	0	3	3	11	9
3	3	.5	2.5	4	4.5	.5	1.5	3	3.5	3	**11**	7
4	4	1.5	1.5	1	**.5**	**4.5**	2	2	3	6	10.5	11.5
5	5	2	1.5	3	**2.5**	**2.5**	2.5	1.5	4.5	6	11	11
6	2	4	**1**	2	4	**1**	5	7	12	18	**23**	18
7	12	10	10	8	5.5	4.5	5	6.5	1	5	11.5	12.5
8	1	2	2	2	4	3	5	5	2	6	11	**9**
9	.5	1	2.5	1	1	3.5	4.5	6.5	8	9	15	13.5
10	0	.5	.5	.5	1	1	2	4.5	11	14	**32**	23
11	3	1	2	1	**2**	3	4	2	1	**5**	11	3.5
12	2	2.5	2.5	3	9	11	12	13.5	15	16.5	16	**21**
13	2	5	2	2	**2**	1	1.5	1.5	2	6	5	11
14	1	3	3	4	3.5	4	3	3.5	5.5	10.5	18	15
15	3	4	3	2	2	2	3	3	3	6	11	12
16	0	1	1.5	3	1.5	2.5	0	3.5	5.5	5	11	11
17	7	6	2.5	2.5	1	3.5	3.5	3.5	1.5	9	**21**	14
18	.5	1	2.5	4	2	5	5.5	2	6.5	11	13	9
19	5	9	3	2	8	5	3	3	3	5	10	9
20	1.5	.5	3.5	2	4	3.5	3	4	5	5.5	**18**	17
21	2	1	1	3	3	5	5	**3**	5	5	7	13
22	3	3.5	4.5	**6**	4	3	3	4	4	**9**	**7**	6.5
23	2	3	4	3	2	2	2.5	3.5	4.5	4.5	6.5	14
24	2.5	1	.5	1.5	3	4	2	2.5	4.5	9	12.5	10
25	0	.5	.5	4	5.5	1	1	2	3	7.5	13	12
26	1.5	5.5	4	3	2	5.5	2.5	3	4	8	15	14
27	7	5	4.5	4	4	3	4.5	2.5	4	9.5	16.5	**18**
28	1	0	1	1	1	1	1	1	4	6	**15.5**	12
Mean	2.7	2.8	**2.6**	2.7	3.2	3.2	3.2	3.6	4.8	7.8	13.4	12.3

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	10	10	9	8	10	9	10	10	10	**9**	10	10	9.6	0 25
2	10	10	9	9	10	10	10	10	10	6	8	5	8.9	**1** 10
3	9	7	5	7	10	8	10	8	6	8	9	9	8	5 10
4	2	4	5	7	7	**8**	7	3	3	3	2	3	4.5	8 15
5	2	0	1	6	**9**	9	9	7	7	**9**	4	7	**5.8**	5 30
6	5	8	9	9	7	6	3	2	2	2	2	3	4.8	9 05
7	2	2	8	9	8	6	4	9	9	4	4	2	5.6	6 35
8	7	8	8	8	8	8	8	10	9	8	7	7	8	4 45
9	8	10	9	10	10	10	10	10	10	10	10	10	9.8	0 10
10	9	9	9	**8**	7	8	10	10	10	10	10	10	9.2	0 05
11	10	10	10	10	10	10	10	10	10	10	10	10	**10**	**0 00**
12	8	9	8	10	10	10	10	10	10	10	10	10	9.6	0 15
13	9	10	9	10	8	9	10	8	8	8	9	10	9	2 20
14	5	1	1	8	5	2	5	7	5	4	4	4	4.2	8 50
15	3	3	4	4	3	4	2	3	2	3	3	8	3.5	10 10
16	5	8	7	8	9	8	8	8	7	7	6	8	7.4	3 05
17	8	8	8	8	7	6	7	10	9	6	8	**6**	7.6	2 45
18	10	10	9	9	9	9	9	10	10	8	9	10	9.3	0 30
19	10	10	10	10	10	10	10	10	10	10	10	10	**10**	1 00
20	9	7	8	8	9	7	8	10	10	10	10	10	8.8	3 05
21	8	10	10	10	10	10	10	10	9	10	10	10	9.8	**0 00**
22	6	4	5	8	10	10	9	10	9	9	8	7	7.9	2 25
23	10	8	6	4	2	2	3	8	6	4	3	3	**4.9**	6 25
24	2	2	3	2	6	8	6	6	7	6	3	3	4.5	8 05
25	7	6	2	4	9	9	9	8	9	9	10	8	7.5	5 05
26	9	5	7	7	9	9	**5**	3	3	3	4	2	5.5	8 10
27	1	0	0	2	2	2	2	3	2	2	1	2	**1.6**	**10 35**
28	1	1	1	2	2	5	5	3	3	3	6	4	3	9 30
Total														123 25
Mean	6.6	**6.4**	**6.4**	7.3	**7.7**	7.6	7.5	**7.7**	7.3	6.8	6.8	6.8	7.1	4 24

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
12	8	5	**15**	13	9	1	0	0	0	0	0	5
12	19	16.5	12.5	**21.5**	11	4	2.5	2.5	3.5	3	3	6
8	10	10	9	6	2	3	2	0	0	.5	2.5	4
14	12.5	**15.5**	10.5	14.5	10	5.5	7.5	7.5	5.5	5	4	6.7
12	15	**16**	13	9	6	5	8	5	5	1	1	6.2
17	20.5	22.5	21	21	18	10.5	4	4.5	8.5	15	16.5	**11.5**
12.5	**13.5**	11.5	7	7	11	10	10	8.5	6.5	4	3	8.2
9	12	17	10.5	17.5	**19**	5	3	2.5	1	0	0	6.2
12	13.5	**17**	12	11	4	.5	.5	.5	0	.5	0	5.7
25	22	18	19	16	10	4	3	3	1	1	1	8.9
3.5	15.5	**21.5**	16.5	14.5	8	7	4.5	3	10.5	8	9	6.7
20	13	18	13	12	7	8	4	4	0	3	4	9.6
12	9.5	8.5	8	6	10	**13**	9.5	5.5	3.5	.5	0	5.3
14	14	14	**20**	18	17	11	12	9	9	8	5	9.4
15	**15**	13.5	10.5	12.5	6.5	5.5	8.5	4	2	5	2.5	6.4
9	18	**25**	19	18	17.5	11.5	3	.5	.5	2	7	7.4
15	18.5	7	3.5	6	13.5	6.5	2.5	2.5	5	2	1	6.6
6	8	8	10	10	**15**	4	1	1	1	3	7	5.7
15	8	11	**13**	**15**	12.5	3.5	4	1.5	.5	1	1.5	**6.3**
15	14	10	15	6	8	7	5	4	2	2	3	6.6
15	10	10	4	6	6	8	8	7	6.5	3.5	2	5.8
11.5	11	**11.5**	9.5	11	6	7	6.5	6.5	6	4.5	3.5	6.3
20.5	14	7.5	10	15.5	13	8	6.5	3.5	6.5	7.5	3.5	7
8.5	**17**	13	15	16.5	10.5	8	4	4	2.5	3	2.5	6.6
12	7	7	5	**9**	10	14	**17**	9	4	9	4	6.5
16	14	16	17	**20**	13	9	10.5	8	10	10.5	6.5	9.1
15	15	12	11	17	**18**	11	9	8	8	3	4	8.9
12.5	14	13	12	12.5	4.5	6.5	7	7.5	7	9	7	6.5
13.2	**13.6**	13.4	12.2	12.9	10.6	7	5.8	4.4	4.1	4.1	3.7	7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	2	2	1			3	1			2	3	1			8	120.5	3	
2	3			5	6	1					1	1		1			6	143	3.4	
3		2		2	1	1			1			1	2	3		1	10	97	2.4	1.3
4				1	1	1	8	1		2		1	2	3			4	160	3.7	
5		2	1	2		1				3	4	1	4	1	1		4	149	3.3	
6	2	3								2	5	3			3	4	2	276	5.6	
7	2	5	1		3	3						1	3	3	1		2	196	3.5	
8		2	5	6							2			1			8	148.5	3.9	
9	6	8	4	1													5	137.5	3.2	
10	3	5	8	2													6	213	5.1	
11	3	5	7	1											1	3	4	160	4.3	.5
12	8	7	3													2	4	230	4.6	
13		6	2		4						1	1	2		1		7	127	3.7	
14			1	4	3	2	7						3	1			3	225	4.8	
15		4		1				1	1	2	2	2	5	1			5	154.5	4.1	
16		4	2	1					2		1	1	1		2	1	9	176.5	5.5	
17		1	1	3	1				1	2	4	1		2	1	2	5	158	5.1	
18	2	2	4	2		1									4	6	3	136	4.7	
19	2	2		1	4		1				1	1		1	1	4	6	151.5	4.1	
20	3					3					1	1	4		3	1	8	133.5	3.9	
21		2	1		2	2	3				1		1	2	1	3	6	139	2.8	
22		4		3	4	3	1					2	1		1	1	4	152	4	
23	1	2	1	1	5	6			1			2	1				4	167.5	5.2	
24		1		4	7	4						1	2				5	157.5	5	
25	3	1	1			5	1				2	3	1				7	157	4.3	
26		2	1		1	7	4				1	3		1	1		3	218.5	4.6	
27				2		8	1	3				1	5				4	213.5	5.4	
28					1	4	4	1			1	1	5	1			6	157	4.7	
Total	38	71	45	44	44	52	30	9	7	11	27	30	45	22	21	28	148	4,679.5	117.9	1.8
Mean	1.4	2.5	1.6	1.6	1.6	1.9	1.1	0.3	0.2	0.4	1	1.1	1.6	0.8	0.8	1	5.3	167.1	4.2	0.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	762.20	9.15a.	**26.4**	3.10p.	88	17.1	759.65	3.30p.	20.5	3.15a.	60	14.6
2	62.03	9.00a.	28.8	2.35p.	91	18	59.40	3.40p.	20.8	2.30a.	57	15.2
3	61.40	9.10a.	29.8	2.40p.	94	20.6	58.02	3.00p.	20.1	1.15a.	65	16.9
4	60.30	9.45a.	**32.3**	2.05p.	**98**	21.8	57.10	4.25p.	21.1	4.50a.	56	**18.9**
5	60.05	9.40a.	30.4	2.15p.	**98**	**22**	56.80	3.15p.	20.7	6.30a.	**68**	17.8
6	**59.74**	9.00a.	31.2	0.10p.	**98**	**22**	**56.49**	4.00p.	21.6	2.45a.	62	15.5
7	59.91	10.00a.	29.5	1.25p.	90	18.5	57.50	3.50p.	18.6	11.55p.	56	14.9
8	61.70	Mdt.	29	1.30p.	93	15.4	59.10	3.05a.	17.3	4.40a.	50	13.4
9	62.46	10.00a.	26.6	0.30p.	89	15.6	60.25	3.05a.	17.8	5.15a.	55	14.2
10	61.90	0.05a.	28.5	2.15p.	87	15.5	60.25	3.05p.	19.4	6.35a.	51	13.8
11	63.10	10.05a.	26.5	2.10p.	**79**	16	59.45	4.35p.	20	1.40a.	60	14.5
12	61.30	8.55a.	29.1	**11.35a.**	82	16.6	59	2.05p.	21.7	1.15a.	55	15.2
13	61.45	9.40a.	30.2	2.55p.	92	19.7	58.63	3.00p.	21.3	6.05a.	56.5	16.7
14	60.35	7.50a.	31.6	3.20p.	95	19.1	57.40	4.15p.	20	6.25a.	57	16.8
15	60.90	**9.10a.**	31.4	3.10p.	95	21.4	57.37	3.00p.	20.3	6.10a.	62	17.3
16	62.55	10.15p.	30.8	1.45p.	96	20.5	59.20	3.15p.	**22.4**	6.05a.	49	14.9
17	63.60	9.30a.	30	0.10p.	83	16.7	60.23	3.00p.	21.2	4.10a.	51	14.8
18	63.40	9.20a.	27.1	2.20p.	82	15.3	60.55	3.15p.	20.4	4.55p.	51	13
19	63.36	10.00a.	28.9	0.50p.	**79**	**14.3**	60.75	4.00p.	19.4	11.40p.	50.5	12.5
20	63.80	9.10a.	27.3	0.20p.	86	15.4	60.40	3.45p.	18.1	6.05a.	57	13.3
21	64.25	9.10a.	26.7	2.05p.	91	16	60.85	4.05p.	17	6.25a.	58	13.7
22	64.25	9.45a.	28	1.25p.	**98**	17.1	60.85	3.40p.	16.2	6.45a.	59	13.6
23	64.01	9.00a.	28.7	3.50p.	88	15.5	60.84	3.00p.	19.6	2.05a.	**43**	**11.2**
24	**65**	9.05a.	30	2.10p.	92	15	**62.05**	4.15p.	**15.7**	5.50a.	47	12.5
25	63.80	9.25a.	28.8	1.25p.	91	17.2	60.95	3.15p.	18	6.15a.	58	14.1
26	63.05	9.35a.	31.8	3.20p.	93	19.5	60	3.10p.	20.4	2.55a.	59	16.7
27	63.75	9.55a.	31.4	3.40p.	97	18.5	60.45	3.55p.	17.3	5.55a.	53	14.6
28	62.90	8.50a.	31.6	3.20p.	94	19	59.72	3.00p.	18.3	5.40a.	52	15.3
Mean	762.38	--------	29.4	--------	90.7	17.8	759.40	--------	19.5	--------	55.6	14.9

DAILY GENERAL REMARKS.

1____Overcast.
2____☂°early in the morning; d° in the morning and afternoon.
3____d° in the forenoon; d² in the afternoon.
4____d° in the morning.
5____☂ early in the morning.
6____Do.
7____Cloudy weather.
8____☂ early in the morning; coloration of Ci. at sunrise.
9____☂ early in the morning.
10____Somewhat gusty winds from NE in the forenoon and afternoon.
11____d in the morning
12____d° 5.05 p.m.
13____d° 3.45 p.m.
14____☂°early in the morning; somewhat gusty Wly winds in the forenoon and afternoon; ≤ NW quadt. in the evening.
15____☂ early in the morning; ≤ NW in the evening.
16____☂° early in the morning; ∪ in the evening.
17____Overcast.
18____Do.
19____Do.
20____∪° in the evening.
21____☂° early in the morning.
22____ d° in the morning.
23____ ∪° in the evening.
24____Cloudy weather.
25____◠ in the afternoon.
26____Cloudy weather.
27____☂,≡° early in the morning.
28____☂°,≡° early in the morning.

OBSERVATIONS FOR MARCH, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61.90	61.60	61.40	61.30	61.40	61.53	61.89	62.31	**62.39**	62.21	61.69	61.32
2	62	61.60	61.65	61.45	61.75	61.99	62.73	63.38	63.58	63.73	63.19	62.52
3	64	63.80	63.70	63.80	63.90	64.10	64.40	64.76	**64.90**	64.75	64.50	63.72
4	63.80	63.55	63.45	63.45	63.55	63.80	64.15	64.16	**64.35**	64.09	63.45	62.88
5	62.35	62.15	61.95	61.85	62	62.40	62.83	63.13	63.36	**63.42**	63.13	62.46
6	62.40	62.20	61.95	61.85	61.90	62.23	62.66	62.79	**62.98**	62.93	62.57	62.17
7	61.90	61.70	61.60	61.45	61.50	61.81	62.11	62.34	62.52	**62.58**	62.08	61.70
8	61.45	61	60.50	60.45	60.60	60.72	61.04	61.36	**61.63**	61.40	61.15	60.50
9	59.55	59.15	58.85	58.60	58.80	59.32	59.80	**60.41**	60.39	60.32	59.68	58.93
10	59.15	58.70	58.65	58.60	58.55	59	59.73	60.16	60.44	60.39	60.02	59.43
11	60.30	59.85	59.55	59.10	59.30	59.60	59.88	60.50	61.05	**61.11**	60.89	60.32
12	59.80	59.55	59.40	59.35	59.45	59.81	60.25	60.75	**61.11**	61.07	60.52	60.06
13	59.80	59.30	59.20	58.85	58.95	59.40	59.90	60.40	60.39	**60.47**	60.02	59.79
14	59.90	59.60	59.55	59.50	59.50	59.54	60.11	60.73	**61.06**	60.87	60.37	59.69
15	59.15	58.95	58.85	58.70	58.90	59.27	59.87	60.41	60.88	60.78	60.43	59.87
16	60.55	60.45	60.45	60.30	60.50	60.78	61.18	61.70	**61.80**	61.74	61.35	60.95
17	61.20	61.05	61	60.95	61.10	61.30	61.90	62.44	**62.75**	62.69	62.17	61.63
18	62.35	62.10	62.05	62	62.05	62.26	62.80	63.28	**63.46**	63.40	62.87	62.29
19	61.85	61.70	61.65	61.60	61.80	62.04	62.69	63.09	**63.13**	63.10	62.89	62.15
20	61.15	60.75	60.60	60.55	60.65	61.03	61.36	61.79	**61.85**	61.69	61.09	60.41
21	60.30	59.90	59.70	59.55	59.65	59.98	60.48	60.96	**60.98**	60.64	60.30	59.40
22	59.80	59.60	59.40	59.25	59.45	59.96	60.70	61.25	**61.46**	61.26	60.53	59.81
23	60.45	60.05	59.85	59.65	59.65	60.06	60.41	60.53	**60.84**	60.48	59.91	59.04
24	58.70	58.45	58.15	58	58.10	58.48	59.08	59.72	**59.82**	59.63	59.15	58.44
25	59	58.75	58.60	58.55	58.80	59.06	59.68	**60.33**	60.22	59.92	59.58	58.87
26	59.20	58.80	58.60	58.70	59	59.29	59.90	60.60	**60.73**	60.63	60.23	59.91
27	60.10	60.05	59.95	59.70	60	60.35	60.97	61.24	**61.57**	61.28	61.03	60.46
28	60.55	60.40	60.15	59.65	59.90	60.30	60.84	61.48	**61.64**	61.45	61.25	60.72
29	60.20	60	60	59.90	60.15	60.48	60.65	61.07	**61.24**	61.13	60.97	60.33
30	60.20	59.80	59.65	59.70	59.95	60.17	60.50	60.97	**61.04**	60.64	60.17	59.62
31	60.30	60.15	60.10	60.20	60.25	60.44	60.77	61.30	**61.32**	60.96	60.66	60.18
Mean	60.75	60.47	60.33	60.21	60.36	60.66	61.14	61.59	61.77	61.64	61.22	60.63

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.9	20.2	19.3	19	**18.5**	18.7	19.1	23.5	26.1	27.2	28.4	28.8
2	21.6	20.9	20.7	20.8	21	**20.3**	21.6	23.4	27.2	28.3	29.5	30.4
3	20.8	20.3	20.4	20.4	**19.4**	19.5	19.9	25.2	26.3	**29.4**	26.9	27.5
4	20.5	19.7	19.6	19	**18.5**	18.6	19.8	23.5	26.3	27	28	27.5
5	20.8	20.5	20.2	20	**19.9**	20.3	20.8	23.3	26.7	25.5	26.6	31
6	20.6	20.3	20.3	19.7	19.5	**19.3**	20.9	25.7	27.5	29.3	27.2	27.7
7	21.3	21	20.6	20.4	20.3	20.3	21.2	25.4	27.6	26.3	28	27.1
8	19.7	19.6	19.4	19.2	**18.9**	19	21.3	25	26.4	27.5	28	27.6
9	22.5	22.6	22.1	22.6	**21.8**	22.2	22.4	23.6	26.4	27.2	28	28.5
10	24.1	22.7	22.5	22.1	22.4	**22**	22.3	25	26.4	26.1	27.9	**29.1**
11	22.2	22	**21.9**	**21.9**	22.2	22	22.3	23.7	25.1	25.4	26.3	26.5
12	21.9	21.9	**21.6**	22	22.1	22	22.7	24.1	25.4	27.3	28	28
13	22.2	22.2	21.4	21.4	**20.8**	21.4	22.1	25.6	27.3	26.8	26.8	25.1
14	23.3	23.6	22.7	22.4	21.7	**21.5**	22.3	25	26.5	26.8	27.2	27.8
15	24	23.4	**22.8**	22.9	23.3	22.9	**23.8**	25.8	27.7	28.6	28.5	29.7
16	23.7	23.7	23.2	22.6	22.5	**22.5**	**23.2**	25.5	25.9	27.1	28.2	28.5
17	21.4	21	20.4	20.1	19.9	**19.7**	21.4	25.3	26.4	25.6	27.9	27.2
18	21.3	21	20.1	19.5	19	**18.8**	20.9	25.5	27.1	26.6	27.7	28.4
19	20.9	20.4	20.1	20	19.5	**19.3**	21.8	24.8	27	27.9	27.8	28.5
20	21.1	20.3	**20.1**	20.2	20.7	20.3	**23.3**	25.8	27.7	28.3	29.4	30.4
21	20.3	20.7	19.8	19.3	19.7	**19**	20.6	24.4	27.4	28.7	29.8	28.9
22	20.2	19.9	19.5	18.9	18.5	**18.3**	19.4	24.5	25.6	26.8	27.8	28.5
23	21.5	21.4	20.9	20.5	20	**19.2**	21.5	24.7	27.6	28.8	28.5	29.9
24	21.6	21	20.2	19.6	19.3	**19.1**	21	24.7	27.9	29.4	30.2	31.2
25	23.3	22.8	22.3	21.9	21.6	**21.5**	24	27	29.7	30.9	31.6	32.6
26	23.6	22.9	22.5	22.1	**21.7**	21.8	23.7	27.3	29.8	29.1	30.5	31
27	23.6	22.9	22.5	22.4	21.8	**21.7**	24	27	28.8	29.1	29.9	30.3
28	24.2	24.3	22.7	22	21.9	**21.5**	23.4	27.2	27.8	27.5	28.3	28.8
29	23.5	22.8	22.4	22.1	**21.9**	22	24	26.4	27.5	28.8	29.3	29.4
30	22.8	21.7	21.4	20.6	20.1	**20**	22.6	26.5	28.9	30.2	29.7	30.3
31	23.2	22.7	**22.6**	22.8	23.1	**22.6**	24.8	27.8	29.8	30.6	30	31.4
Mean	22	21.6	21.2	20.9	20.7	**20.6**	22	25.2	27.2	27.9	28.4	29

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
60.49	60.03	**59.88**	60.09	**60.36**	60.84	61.12	61.65	61.95	62.15	62.15	62.10	61.41
62.06	61.58	**61.41**	61.59	62.17	62.67	62.94	63.35	64.05	**64.25**	64.10	64.10	62.66
63.18	62.32	61.86	**61.81**	62.18	62.58	62.95	63.45	63.85	64.15	64.25	64.10	**63.63**
62.04	61.28	60.76	**60.74**	61.14	61.39	61.98	62.35	62.70	62.80	62.85	62.70	62.81
61.54	60.64	60.33	**60.23**	60.69	61.24	61.72	61.95	62.35	62.60	62.60	62.65	62.07
61.53	60.73	60.22	**60.19**	60.51	61.06	61.52	61.90	62.25	62.65	62.50	62.25	61.91
60.87	60.20	59.88	**59.78**	60.13	60.50	61.09	61.65	61.95	62.05	62	61.85	61.47
59.55	58.67	**58.37**	58.45	58.68	59.16	59.56	60.05	60.20	60.25	60.05	59.95	60.20
58.19	57.53	**57.19**	57.33	57.63	58.18	58.54	58.75	59.05	59.55	59.65	59.55	58.96
58.64	57.85	**57.29**	57.62	57.82	58.15	58.80	59.30	59.80	60.20	60.60	**60.65**	59.15
59.62	59.05	58.40	**58.37**	58.57	58.99	59.55	59.90	60.40	60.40	60.35	60.10	59.80
59.46	58.84	**58.13**	58.15	58.38	58.74	59.36	59.85	60.10	60	60	60	59.67
59.15	58.38	57.90	**57.83**	58.09	58.59	58.90	59.40	59.75	60.05	60.20	60.05	59.36
58.92	58.13	**57.49**	57.52	57.86	58.15	58.68	59	59.35	59.60	**59.45**	59.20	59.32
59.25	58.42	**57.92**	57.98	58.41	58.73	59.45	59.85	60.75	60.90	**61**	60.95	59.57
60.14	59.52	**59.19**	59.32	59.49	59.82	60.22	60.65	61.15	61.65	**61.80**	61.55	60.68
60.78	60.16	**59.86**	60.13	60.58	60.98	61.75	62.10	62.50	62.65	**62.75**	62.50	61.54
61.47	60.76	60.27	**60.24**	60.63	61.04	61.53	61.90	62.30	62.60	62.55	62.15	62.01
61.44	60.66	60.01	59.93	**59.83**	60.03	60.48	60.85	61.10	61.25	61.45	61.35	61.50
59.64	59.04	**58.39**	58.54	58.89	59.24	59.45	59.80	60.25	60 50	60.45	60.65	60.32
58.99	58.23	57.67	**57.59**	**57.59**	57.89	58.38	58.70	59.25	59.55	59.70	60.05	59.39
59.10	58.49	**57.98**	58.04	58.18	58.48	58.89	59.50	60.05	60.55	60.60	60.65	59.71
58.28	57.77	57.36	**56.99**	57.03	57.51	57.84	58.20	58.75	59.10	59	58.80	59.06
57.82	57.13	56.78	**56.76**	56.85	57.30	57.90	58.40	59.10	59.50	59.25	59.15	**58.40**
58.36	57.84	**57.54**	57.55	57.71	57.91	58.12	58.35	58.65	59.25	59.60	59.40	58.82
58.87	57.60	57.15	**57.10**	57.75	58.42	58.67	59.50	60	60.65	60.70	60.60	59.28
59.57	58.52	**57.90**	58.27	58.70	59.36	59.99	60.60	60.85	60.95	60.95	60.85	60.13
59.37	58.34	57.70	**57.66**	57.88	58.16	58.65	59.20	59.75	60.05	60.35	60.35	59.82
59.08	58.33	57.83	**57.73**	57.99	58.34	58.90	59.20	59.95	60.50	60.65	60.40	59.79
58.81	58.22	**57.62**	57.73	58.11	58.78	59.40	60.05	60.45	60.70	60.85	60.60	59.74
59.49	58.91	**58.58**	58.63	58.96	59.28	59.85	60.15	60.50	61.05	60.95	60.65	60.15
59.86	59.13	**58.67**	58.71	58.99	59.40	59.88	60.31	60.75	61.04	61.08	60.96	60.40

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30.7	29.8	29.6	28.5	28.5	27	25.3	24.3	23.6	23.3	23	22.6	24.4
29.5	**31**	30.5	29.1	27.3	25.7	24	22.3	21.5	22.2	20.9	21.5	24.6
28.1	29	28.3	28.2	27	25.3	24.1	23.6	23.1	22.8	21.8	20.8	24.1
28.2	**29.6**	27.5	29.1	27.6	26.1	25	23.9	23.4	23.1	22.6	21.6	**24**
30.8	**32.3**	32	31.6	29.4	27	25.5	24.6	23.3	22.3	21.7	21.2	24.9
27.6	28.2	27.6	**30.6**	27.6	26.1	24.7	24.3	23.6	23.1	23.1	21.9	24.4
28.4	26.9	27.6	**29.1**	28.1	26.2	24.4	23.1	22.5	21.9	20.8	**20.2**	24.1
28.6	28.2	27.8	27.7	27	26	25	23.8	23.3	23.5	22.5	22.3	24.1
29	**29.8**	27.2	27	28	27.3	25.8	25	24.3	23.5	23.6	23.6	25.2
27.7	26.4	28.3	27.3	26.6	26.1	25.5	25.2	**24.8**	24.6	22.6	22.4	25
26.9	27.8	28.8	28.4	**28.9**	26.7	25.4	24.4	24.1	23	23.4	22.3	24.6
28.1	28.5	**30.2**	29.5	29.8	26.8	25.1	24.5	23.3	23.2	22.4	22.1	25
27.6	28.7	27.7	**29.8**	27.4	25.3	24.7	24.2	23.9	23.3	23.6	23.5	24.7
29.1	29.1	**29.5**	29	28	26.7	26	25.6	25.4	25	24.9	24.4	25.6
29.3	29.8	**30.2**	29.7	28	26.3	26.1	25.4	23.8	23.8	23.8	23.8	26
29	29	**29.1**	27.5	26.9	26.2	25	23.9	23.4	23.3	22.8	**22.1**	25.2
27.4	30.6	**30.9**	29.8	29.3	26.4	24.4	23.6	22.9	22.6	22.2	22	24.5
29.2	30.6	**30.7**	30.6	29.8	26.3	24.7	23.8	23.3	22.8	22.4	21.7	24.7
28.6	29.5	29.9	**30.1**	29.3	26.7	25.3	24.4	23.8	23.3	22.6	21.6	24.7
30	**30.6**	30.2	29	28	26.1	25.2	24.2	23.6	23.2	22.6	21.7	25.1
29.1	**30.6**	30.4	29.6	28.4	26.4	25.2	24.6	23.7	23.2	22.7	21.3	24.7
29.4	29.8	30.4	**30.6**	28.7	26.2	25.3	24.6	23.9	22.9	22.6	22.2	24.4
31	31.7	**31.8**	30.7	29.5	27	25.6	24.7	23.8	23	22.8	22.3	25.4
32	32.7	**33.3**	32.7	30.5	27	26.6	26.5	26.5	25.9	25.2	24.1	26.2
32.7	**33**	30.7	31	29.1	27.3	26.9	27	26.5	25.3	24.6	24	27
31.5	32.6	**34.2**	33.7	32.5	29.2	27.7	26.8	25.9	25	24.4	24.1	**27.2**
31.4	**33**	32.5	30.7	30.2	28.8	27	26.1	25.5	25.3	24.7	24.8	26.8
32	**32.2**	32	30.2	29.8	28.2	26.7	25.5	25.2	24.8	24.3	24.3	26.4
32	**32.2**	31.1	30.4	29.5	28.1	26.5	25.5	25.4	24.8	24.8	24.2	26.4
31.2	31	**32**	30.4	28.4	27	26.4	25.6	24.8	24.8	23.9	24.1	**26**
30.7	**32.8**	31.4	31.8	29	27.9	27	26.4	25.7	25.3	24.6	23.6	**27**
29.6	**30.2**	30.1	29.8	28.6	26.8	25.6	24.8	24.1	23.7	23.2	22.7	25.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	90	91	96	98	97	97	98	79	69	65	62	61
2	90	92	91	91	90	92	88	81	61	53	45	41
3	81	84	83	82	87.5	87	89	67	63	52	60	64
4	85	89	88	91	92	92	89	71	65	63	57.5	64
5	93	92	94	94	95	93	91.5	79	67	76	72	49
6	84	86	86	89	88	89	83	66	58	53	63	62
7	84	85	87	89	89	88	87	69	62	69	62	68
8	88	89	89	91	92	92	82	69	66	60	59	58
9	87	88	89	86	90	88	88	80.5	70	70	59	69
10	86	92	95	96	94	95	95	79.5	74	76	72	68
11	97	98	99	98	97	99	98	90	83	81	79	79.5
12	95	93	94	91	89	90	87	80	74	68	68	68
13	89	88	94	94	96	92	89	74	67	69	69	80
14	90	87	93	93	95	95	92	80	76.5	76	73	70.5
15	91	92	95	89.5	86	88	85.5	78	70	67	69	64.5
16	83	82	85	89	89	90	87	77.5	78	70	66	64
17	88	89	91	92	92	93	87	71	64	70	66	68
18	87	89	91	92	94	94	79	70	65	67	65	62
19	89	91	92	91	93	94	84	73	64	63	62.5	62.5
20	88	91	91	88	84	86	73	68	60	58	56	52
21	86	82	87	87	86	85.5	79	66	58	52	46	53
22	88	87	88	89	89	90	91	75	75	69	65	60
23	82	84	85	87	87	89	82	72	62	58	59	55
24	87	90	91	94	96	96	87	72	61	59	56	53
25	89	91	92	94	95.5	95	85	77	62	55	52	50
26	90.5	90	92	93	96	95	85	73	63	66	64	61
27	85	88	89	90	94	94	82	72	66	65.5	63	59
28	78	77	86	89	87.5	90	83	70	68	71	67	64.5
29	82	84	87	88	89	88	81	73	69	65	62	61
30	79	84	84	87	90	91	80	67	58	52	56	53
31	83	85	87	86	84	87	77	65	51	50	55.5	49
Mean	86.9	88.1	90	90.6	91.1	91.4	85.9	73.7	66.1	64.1	62.6	61.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.5	16.1	16	16	15.4	15.6	16.1	17	17.3	17.4	17.7	17.8
2	17.3	16.8	16.5	16.6	16.6	16.4	16.9	17.4	16.5	15.2	13.8	13.2
3	14.8	14.9	14.8	14.7	14.7	14.6	15.3	15.9	15.9	15.8	15.9	17.4
4	15.3	15.3	14.9	14.9	14.6	14.7	15.2	15.2	16.5	16.7	16.1	17.4
5	16.9	16.6	16.6	16.4	16.5	16.5	16.7	16.7	17.3	18.4	18.7	16.3
6	15.2	15.2	15.2	15.1	14.8	14.9	15.3	16.1	15.9	16.1	16.8	17.2
7	15.9	15.8	15.7	15.8	15.7	15.6	16.3	16.7	16	17.5	17.4	18.2
8	15	15	15	15.1	15	15.1	15.4	16.2	16.8	16.3	16.5	15.9
9	17.6	17.9	17.6	17.5	17.5	17.4	17.6	17.4	18	18.7	19.3	20.2
10	19.1	18.9	19.2	18.9	18.9	18.6	18.9	18.7	19	19	20.2	20.4
11	19.3	19.3	19.4	19.2	19.3	19.5	19.6	19.5	19.6	19.6	20.2	20.4
12	18.5	18.1	17.9	17.9	17.6	17.7	17.8	17.8	17.7	18.4	19.1	18.9
13	17.8	17.6	17.7	17.7	17.6	17.4	17.6	18	18	18	18.2	19
14	19	18.8	19	18.7	18.2	18.2	18.4	18.9	19.7	19.9	19.4	19.6
15	20.1	19.7	19.5	18.6	18.3	18.2	18.7	19.2	19.5	19.5	20	20
16	18.1	17.9	18	18	18.1	18.3	18.4	18.8	19.3	18.7	18.8	18.6
17	16.7	16.5	16.3	16.2	16	15.9	16.5	17.1	16.4	17.1	18.4	18.1
18	16.4	16.5	16	15.6	15.4	15.2	14.5	17	17.3	17.4	18	17.9
19	16.3	16.2	16.2	15.9	15.7	15.7	16.3	17	16.9	17.5	17.3	18
20	16.4	16.2	15.8	15.5	15.3	15.2	15.5	16.8	16.5	16.7	16.9	16.9
21	15.2	15	14.9	14.4	14.6	14	14.2	15	15.6	15.2	14.3	15.6
22	15.5	15	14.8	14.5	14.1	14.1	15.3	17.2	18.2	18.2	18.1	17.5
23	15.6	15.9	15.7	15.6	15.1	14.8	15.6	16.7	17.1	17.1	17.1	17.4
24	16.6	16.6	16.1	16	16	15.8	16.1	16.6	17.1	17.9	17.8	17.9
25	18.9	18.8	18.4	18.3	18.3	18	18.8	20.3	19.2	18.3	18	18.4
26	19.6	18.7	18.6	18.3	18.4	18.4	18.6	19.5	19.8	19.8	20.7	20.4
27	18.5	18.2	18.1	18.2	18.2	18.1	18.2	19.2	19.4	19.6	19.7	19.1
28	17.4	17.3	17.6	17.5	17.1	17.2	17.7	18.7	18.8	19.4	19.1	19
29	17.7	17.4	17.5	17.5	17.4	17.4	18.1	18.8	18.9	19.2	18.9	18.6
30	16.4	16.2	15.9	15.7	15.7	15.7	16.3	17.3	17	16.5	17.3	17.1
31	17.5	17.5	17.7	17.7	17.7	17.7	17.9	17.9	16	16.2	17.5	16.8
Mean	17.1	17	16.9	16.7	16.6	16.5	16.9	17.6	17.7	17.8	18	18

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
54	56.5	57	62	60	66	74	77	80.5	82	83.5	87	76.8
44	41	41	44.5	51	56	66	74	78	72	79	77	68.3
60	57	61	57	59	66	73	72	73	74	79	83	71.4
61.5	57	65	58	58	66	70	77	80	81	83	88	74.6
50	42.5	42	41	46	57	61	65	71	75	78	80	71
65	62	64	50	59	64	69	69	72	74.5	74.5	81	71.3
64	75	61	49	51	56	65	72	73	75.5	82.5	85	72.8
57	58	62.5	63	62	67	73	81	83	81	85	87	74.8
71	67	78	81	74	74	79	83	86.5	90	90	90	80.8
75	85	77	75	75	79	82	84	85	86	97	97	84.1
74	72	68	69	67	76	75	78	81.5	87	84	92	84.2
67	65	58	61	58	66	73	77	84	84	90	90	77.9
70	68	71	63	73	80	84	87	86	89	89	89	81.2
64	62	63	70	72	80	80	84	86	87.5	88	91	81.2
67	65	65	66	73	77	79	81	85.5	83	82	82	78.4
63	64	63	68	68	69	72	76	76	79	81	86	76.1
67	55	53	56.5	57	64	74.5	76	80	82	83	84	75.1
60	53	51	51	55	65	72	76	78	80	81.5	85	73.4
62	59	59	59	59	67	72	75	75	78	81	87	74.7
53	51	53	55	59	65	69	75	76	76	78	79	70.2
53	50	49	53	55	61.5	67	69	73	76	77	84	68.1
56	54	55	52	56	63	68	71	73	78	78	81	73
49	47	43	43	49	60	65	68	73	78	79	81	68.2
50	46	48	51	56	75	75	73.5	74	76	80	86	72.2
52	53	62	59	70	78	80	76	79.5	85	87	89	75.3
60	59	49	48	49	67	73	77	74	79	82	83	73.7
57	50	51	58	57	59	67	71	74.5	75	77	75.	71.6
50	47	47	50	54	58	66	71	71	74	75	76	69.6
49	49	51	52	50	56	64	67	67	70	69	73	68.6
54	52	50	60	64	70	72	71	75	75	79	78	70
51	43	48.5	48	55	59	65	67	73	74	78	82	66.8
59	56.9	57	57.2	59.7	66.7	71.8	74.9	77.3	79.2	81.6	84.1	74

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
17.7	17.6	17.6	17.9	17.5	17.5	17.6	17.3	17.4	17.4	17.4	17.7	17.1
13.6	13.8	13.2	13.3	13.8	13.7	14.6	14.8	14.8	14.4	14.5	14.7	15.1
17	17	17.4	16.2	15.7	15.7	16.3	15.5	15.3	15.2	15.3	15.2	15.7
17.5	17.6	17.7	17.5	16	16.6	16.4	17.1	17.2	17	17	16.9	16.3
16.5	15.3	15	14.3	14	15.2	14.7	14.9	15.1	15	15	15	16
17.8	17.7	17.7	16.2	16.2	16.1	16	15.6	15.5	15.7	15.7	15.9	16
18.5	19.6	16.7	14.7	14.3	14.3	14.7	15.2	14.9	14.7	15.1	15	16
16.7	16.4	17.3	17.4	16.4	16.8	17.3	17.6	17.6	17.5	17.2	17.4	16.4
21.2	20.7	21	21.5	20.7	19.9	19.5	19.4	19.5	19.5	19.4	19.4	19.1
20.7	21.7	21.9	20.2	19.4	19.9	19.9	20.1	19.8	19.7	19.7	19.6	19.7
19.4	20	20	19.9	19.9	19.8	18.1	17.8	18.2	18.1	17.9	18.4	19.3
18.9	18.8	18.5	18.6	18	17.2	17.4	17.6	17.8	17.9	18.2	17.8	18.1
19.2	19.8	19.7	19.6	19.7	19.3	19.5	19.6	19	18.9	19.2	19.1	18.6
19.2	18.7	19.3	20.8	20.3	20.9	20	20.6	20.7	20.6	20.6	20.6	19.6
20.3	20.3	20.7	20.4	20.5	19.6	19.7	19.6	18.7	18.2	18	18	19.4
18.7	19.1	18.8	18.7	17.9	17.4	16.9	16.7	16.3	16.7	16.7	17	18
18.2	17.9	17.5	17.6	17.2	16.4	16.9	16.6	16.6	16.6	16.6	16.5	16.9
18	17.3	16.7	16.6	17.1	16.5	16.6	16.6	16.6	16.5	16.4	16.4	16.6
18	18.2	18.5	18.6	17.8	17.5	17.3	17.1	16.4	16.6	16.5	16.6	17
16.7	16.7	17	16.2	16.5	16.2	16.4	16.9	16.4	16.1	15.8	15.2	16.2
16	16.4	15.8	16.2	15.7	15.7	15.9	15.9	16	16.1	15.7	15.8	15.4
16.9	16.9	17.9	17	16.3	16	16.2	16.3	16	16.1	15.8	16	16.2
16.5	16.4	15.1	14.1	15	15.9	15.8	15.7	15.9	16.2	16.4	16.3	16
17.6	16.8	18.2	18.8	18.2	20	19.4	18.9	19.1	18.9	19	19.1	17.7
19	19.8	20.2	19.8	21	21.1	21.2	20.1	20.4	20.4	19.9	19.7	19.4
20.8	21.7	19.6	18.7	17.9	20.2	20.3	20.1	18.4	18.5	18.7	18.5	19.3
19.4	18.8	18.5	19	18.1	17.3	17.7	17.9	18	18	17.8	17.6	18.4
17.6	16.9	16.6	15.9	16.7	16.6	17.1	17.3	17	17.2	17	17.2	17.5
17.2	17.7	17	16.9	15.2	15.9	16.5	16.2	16.1	16.3	16.2	16.4	17.3
18.1	17.5	17.6	19.4	18.3	18.4	18.4	17.4	17.6	17.4	17.4	17.5	17.2
16.7	16	16.6	16.8	16.4	16.6	17.1	17.1	17.9	17.8	17.9	17.8	17.2
18.1	18	17.9	17.7	17.3	17.4	17.5	17.4	17.3	17.3	17.2	17.2	17.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.		A.-Cu.	Cu.		Cu. E		Cu. E		Cu.
2	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.	Cu. ENE	Ci.-Cu.	Cu.	A.-Cu.	Cu.
3		S.-Cu.		S.-Cu.		Cu.		S.-Cu. NE	A.-Cu.	S.-Cu. NE
4	Ci.	Cu.	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
5		Cu.	A.-Cu.	Cu.		N.-cf. EbyN		N.-cf. E	Ci.-Cu.	Cu.
6	Ci.-S. ESE	S.-Cu.	Ci.-S. ESE	Cu.	Ci.-S.	Cu. E		Cu. E		Cu. E
7		Cu.		Cu.		Cu. E		Cu. E		Cu. E
8	A.-Cu.	Cu. EbyN	Ci.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE	A.-Cu.	S.-Cu. EbyN	A.-Cu.	Cu.
9	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. E		S.-Cu. ENE		Cu. E
10	A.-Cu.	Cu.-N.	Ci.-S.	Cu. ENE	Ci.-S.	Cu. EbyN		Cu. NEbyE	A.-Cu.	Cu. NE
11	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.	A.-Cu. NE	Cu.-N.		Cu.-N. E		N.-cf.
12	A.-Cu.	Cu. EbyN		Cu. EbyN		Cu. EbyN		Cu. EbyN		Cu. EbyN
13		Cu.		Cu. E		Cu. E		N.-cf. ESE		N.
14	Ci.	Cu.	Ci.-S.	Cu. NW	Ci.-S.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
15		Cu. N		Cu. NNW		Cu. NNW		Cu.		Cu.
16	A.-Cu. ENE	Cu.		Cu. E		Cu.		Cu.	A.-Cu.	Cu.
17		Cu.		Cu.		Cu. E		Cu. E		Cu. E
18	Ci.	Cu.		Cu. E		Cu. E		Cu. E		Cu. E
19		Cu.		Cu.		Cu. E		Cu. E		Cu. E
20	A.-Cu. E	Cu.		Cu.		Cu. EbyN		Cu. EbyN		Cu. EbyN
21		Cu.		Cu.		Cu.		Cu.		Cu.
22		Cu. NE		Cu. NE		Cu.		Cu.		Cu.
23	Ci.	Cu.	Ci.			Cu.				
24				Cu.		Cu.		Cu.		Cu.
25		Cu.		Cu.		Cu.		Cu.		Cu.
26				Cu.		Cu.		Cu.		Cu.
27	Ci. SW	Cu.	Ci.	Cu. EbyN	Ci.-S.	Cu. EbyN	Ci.-S.	Cu. ENE	Ci.-S.	Cu.-N. ENE
28	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
29	A.-Cu. SW	Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu.	A.-Cu. SW	Cu.	A.-Cu.	Cu.
30	Ci.			Cu.		Fr.-Cu. E		Cu. E		Cu. E
31		Cu.		Cu.		Cu. E		Cu. E		Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. SSE	Cu. E	A.-Cu.	Cu. E		Cu. E		Cu.	A.-Cu.	Cu.
2	A.-Cu.	Cu.		Cu. E		Cu. E		Cu. E		Cu. E
3		Cu. ENE		Cu. ENE		Cu. ENE		Cu.		Cu.
4	Ci.-S.	Cu. EbyN		Cu. ENE		Cu. ENE		Cu. ENE	A.-Cu.	Cu.
5	Ci.	Cu. EbyN	Ci.-Cu.	Cu. EbyN	Ci.-Cu.	Cu. EbyN	Ci.	Cu.	Ci.	Cu.
6		Cu. E		S.-Cu. EbyN		S.-Cu. E		Cu.		Cu.
7		Cu. EbyN	A.-Cu.	N.-cf. EbyN	Ci.-Cu.	Cu. EbyN	Ci.-Cu.	Cu.	Ci.	Cu.
8	A.-Cu.	Cu. EbyN		Cu. E		S.-Cu. E		Cu.		S.-Cu.
9		Cu. E	A.-Cu.	Cu. EbyN	A.-Cu.	N.-cf. EbyN	A.-Cu.	N.-cf. EbyN	A.-Cu.	S.-Cu.
10		Cu.-N. NE	Ci.-S.	Cu. NE	A.-Cu.	Cu.	Ci.-S.	Cu.-N. NE	Ci.-S.	S.-Cu. NE
11	A.-Cu.	N.-cf.	A.-Cu.	Cu. ENE	A.-Cu.	Cu. ENE		Cu.-N. E	Ci.	S.-Cu. E
12		Cu. EbyN		Cu. E		Cu. ENE		Cu. ENE		Cu.
13		Cu. SE	A.-Cu. SE	Cu.-N. ESE		Cu.-N. ESE	Ci.-Cu.	Cu. ESE		Cu.-N. ESE
14		Cu.		Cu.		Cu.		Cu.		Cu.
15		Cu.		Cu.		Cu.		Cu.		Cu.
16	A.-Cu.	Cu. NE	A.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E
17		Cu. ENE		Cu. ENE		Cu. ENE		Cu.-N.		Cu. ENE
18		Cu.		Cu.		Cu.		Cu.		Cu.
19		Cu.		Cu. E		Cu. E		Cu.	Ci.	Cu.
20		Fr.-Cu.		Cu.		Cu.		Cu.		Cu.
21		Cu. E		Cu. E		Cu.		Cu.		Cu.
22		Fr.-Cu.								
23		Fr.-Cu.		Cu.		Cu.		Cu.		Cu.
24		Cu.		Cu.		Cu.		Cu.	A.-Cu.	Cu.
25		Cu.		Cu.		Cu.		Cu.		Cu.
26		Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	A.-Cu.	Cu.-N	A.-Cu.	Cu.-N.
27	Ci.-S.	Cu.-N. ENE	Ci. WSW	Cu.		Cu.-N. ENE	Ci.	Cu.	Ci.	Cu. E
28	Ci.-S.	Cu.-N.	Ci.-S. WSW	Cu.-N. EbyN	Ci.-S. WSW	Cu.-N. EbyN	Ci.-S.	Cu.	Ci.-S.	Cu.
29	S.-Cu. SW	Cu. E	A.-Cu.	Cu. E	A.-Cu. SW	Cu E	A.-Cu. SW	Cu. E	A.-Cu. SW	Cu.
30		Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E		Cu. E	A.-Cu.	S.-Cu. E
31		Cu. E		Cu. E		Cu. ENE	A.-Cu. E	Cu. ENE		Cu. ENE

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 1	ESE 0.5	ESE 1	Calm	Calm	Calm	Calm	Calm	SW 1.5	SW 1	SW 2	WSW 3.5
2	Calm	ESE 1.5	ESE .5	ESE 1	ESE 0.5	Calm	N 0.5	NE 0.5	NE 1	ENE .5	EbyN 5	NNE 2
3	WSW .5	Calm	WNW 1	NE .5	Calm	Calm	ESE .5	NNW .5	WSW 1.5	ENE 1.5	WSW 4	W 2.5
4	E 1	E 1	Calm	NE 1	ENE 1	Calm	N 1	N 1.5	N .5	W 3.5	WbyS 5.5	WSW 4
5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 1	NE .5	W 2	WSW 3	ENE 5.5
6	Calm	Calm	N 1	NNE 1.5	NE 1	Calm	Calm	Calm	NE .5	WNW 2.5	SW 2	WNW 2.5
7	Calm	Calm	Calm	Calm	ENE 1	Calm	Calm	NW 1	E 1.5	W 2.5	S 3	SW 1.5
8	Calm	Calm	NE .5	NNE 1.5	NE 2	Calm	NNE 1	NE 1.5	ENE .5	NNE 2.5	NNE 1.5	NNE 2
9	ESE .5	Calm	W 1.5	WNW 1.5	Calm	NNW 0.5	Calm	Calm	NW 3	W 4	SW 3	WSW 2
10	W 1	Calm	S .5	Calm	NE .5	NE .5	NE .5	Calm	WSW 1	WNW 3	WNW 4.5	SW 3.5
11	NNW 2.5	Calm	NNE 1	NNW 1	N .5	Calm	Calm	Calm	W 1	W 1	WSW 4.5	WSW 1.5
12	Calm	Calm	Calm	N .5	NNW 1	NbyW .5	NE 1	NNE 2	NNE 2.5	Calm	WSW 2.5	WSW 2.5
13	NW 1.5	Calm	Calm	NE 1	Calm	NE .5	NE .5	N 1	W 1	WNW 2	W 4	N 1
14	S 1	SSW 1.5	NNE .5	NE .5	NE .5	NE .5	Calm	W .5	W 1	WSW 1.5	WSW 4	WSW 3.5
15	SW .5	SW 1	Calm	NE 1.5	NNE 2	NNE 1	N 2	N 5	NW 6	NW 4.5	W 4.5	WSW 3.5
16	NNE 2.5	NNE 2.5	NE 1	NE 1.5	NE .5	Calm	NE .5	Calm	S 1	SW 1.5	WSW 4.5	WSW 2
17	NE 1	NE .5	NE 1	NE .5	NE 1.5	NE .5	NE 1	Calm	WSW 1.5	W 2	W 2	W 3
18	ESE 1.5	E 1.5	ENE 1.5	ENE 1.5	Calm	Calm	E 1	ENE .5	NE 2	WNW 3.5	WNW 2	WSW 5
19	ESE .5	ENE 1	NE 1	E 1.5	E 1	NE .5	ESE .5	E 1	E 2.5	NNW .5	W 3.5	WNW 3.5
20	NE .5	NE .5	Calm	E 1.5	E 1.5	EbyN .5	ESE 1	SE 1.5	ESE .5	S 1.5	SE 3.5	SE 4.5
21	Calm	ENE 1.5	E 1.5	E 1	E 1.5	NE 1	ENE .5	E 3	ESE 3	NE 3.5	NE 1	NW 5
22	E 1.5	E 1.5	ENE 1	E 1	E 1	E 1	E .5	E .5	W 2.5	WNW 2.5	SW 1.5	WSW 2.5
23	SE 2	ESE 2	ESE 1.5	ESE 1.5	E 1.5	ENE .5	E .5	E 1.5	E 1.5	E 2	WNW 2.5	S 2.5
24	E 1	ESE 1	ENE 1	Calm	NE .5	Calm	NEbyE 1.5	Calm	ESE 2.5	ESE 6	ESE 3.5	ESE 2.5
25	Calm	SSE .5	SSE .5	SE .5	ESE .5	ESE .5	Calm	ESE .5	SE 1	ESE 2.5	ESE 3.5	ESE 3
26	Calm	SSW 1	SSW 1	SSW 1	ESE .5	Calm	Calm	NE 1	NW 1	NW 3	W 3.5	WSW 4
27	NE .5	Calm	Calm	Calm	Calm	Calm	NNE 1	NE .5	E .5	NW 5	WNW 4	W 5
28	ESE 2.5	ESE 2.5	ENE 1.5	ENE 1	NNE 2	NNE .5	NNE .5	Calm	WSW 2	WNW 3.5	WSW 2	SE 2
29	Calm	NNE .5	NE .5	Calm	Calm	Calm	Calm	Calm	WSW 2.5	WSW 3	W 2.5	W 3.5
30	E 1	NE 2	ENE .5	SSE 1	E 1	Calm	Calm	SE .5	E 3	EbyN .5	W 3	WNW 6
31	ESE .1	ENE .5	Calm	Calm	N .5	NW .5	Calm	Calm	NNE 1	ENE .5	NW .5	ESE 1.5
Mean	0.8	0.8	0.7	0.8	0.8	0.3	0.5	0.8	1.6	2.4	3.1	3.1

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 2.5	WNW 4.5	WbyN 3	SW 1	WbyS 0.5	NE 2	NE 1	ENE 1	ESE 1.5	ESE 1.5	ESE 1.5	Calm	1.3
2	ENE 3.5	ENE 6.5	ENE 9	ENE 6.5	E 5.5	ENE 5.5	NE 1.5	E 1	Calm	E 1	Calm	Calm	2.2
3	SW 2.5	W 3.5	WSW 3	SW 2	ENE 4	E 3	E 1.5	E 3	E 2	E 3	E 1.5	E 1	1.8
4	SW 2	S 2	SW 1	WNW 3	E 4	NE 3	E 3	E 2	ESE 2	E 2	E 1	Calm	1.9
5	NNE 1	NE .5	ENE 1	E 1.5	ESE 2.5	ENE 1.5	ENE 1.5	NE 1.5	Calm	Calm	Calm	Calm	1
6	WSW 3	SW 1.5	SW .5	NE 2	E 1.5	ENE 3.5	E 2	E 2.5	E 2	ESE 1	ESE 2	Calm	1.4
7	SW .5	Calm	NNE 4	ENE 5	ENE 1.5	NNE 1.5	ENE 1	Calm	ENE 2	ENE 1	Calm	Calm	1.1
8	NNW 1	SW 2	S 2	Calm	NbyE 2.5	NE 2.5	Calm	Calm	Calm	Calm	Calm	Calm	1
9	SW 4	SW 4.5	NNW 3	Calm	SEbyS .5	E 1.5	E 2.5	E 1.5	ESE 1.5	Calm	Calm	Calm	1.5
10	SW 2	SE 1	Calm	SE 2.5	ESE 1.5	SE 1	NE 1	Calm	Calm	Calm	NNW 3.5	NNW 4.5	1.3
11	WNW 4	SW 2.5	SW 1.5	SW 2	Calm	SE .5	NE 2.5	NE 2.5	Calm	Calm	NNW 3.5	Calm	1.3
12	SSW 2.5	S 1	S 1	SW 1	E 2	NE 4	ENE 2	ENE 1	ESE 1	ESE 1.5	Calm	NNE 1	1.3
13	W 4	W 3	W 1	NE 1	ENE 3	ENE 1.5	Calm	Calm	ESE 1.5	Calm	S 1		1.2
14	WbyN 3.5	WSW 2.5	WbyS 3.5	WSW 7	SW 7.5	SW 2	N 1.5	W 1	SW 2	SSW 1.5	SSW 1	Calm	2
15	WSW 4.5	WSW 3.5	WSW 4	swbyw 3	SW 3	SSW 3.5	SSW 4.5	SE 2.5	NNW 6.5	NNW 3.5	N 3.5	NNE 1.5	3.1
16	WbyN 3	SSW 1	SSW 3	SSW 2.5	SE 2	SE 2.5	ESE .5	ESE 1.5	ESE 1.5	E 1	NNE .5	NE .5	1.5
17	NNW 2	SE 4.5	SE 6	SE 5.5	ESE 2.5	ESE 2	ESE 3.5	ESE 3	ESE 3.5	ESE 3	ESE 2.5	ESE 2.5	2.3
18	WbyS 4.5	SE 10	SE 9.5	SE 4.5	SE 4.5	SE 2.5	ESE 4.5	SE 2	ESE 2.5	ESE 2.5	ESE 1.5	ESE 1.5	2.9
19	WSW 4.5	W 3	WSW 1.5	WSW .5	SSE 2.5	SE 3.5	SE 3	ESE 3.5	ESE 2.5	SE 2.5	SE 1.5	ESE 1	1.9
20	SSE 6	SE 6.5	SE 6	SE 6.5	SE 5	SE 4.5	SE 3.5	SE 3	SE 3.5	SE 2	SE 2	Calm	2.7
21	W 1	SE .5	SEbyS 5.5	SE 6	SE 3.5	SE 5.5	SE 7	ESE 3.5	SE 3	ESE 2	ESE 2.5	ENE 1.5	2.7
22	WNW 2.5	W 4	W 2.5	SSE 4.5	SE 5.5	SE 5	SE 5.5	SE 4.5	ESE 3.5	SE 1.5	SE 2	ESE 1.5	2.5
23	SSE 4	SSE 3	SSE 3	SE 4	ESE 7.5	SE 4.5	SSE 3.5	ESE 3.5	ESE 2.5	ESE 1.5	ESE 2.5	ESE 1.5	2.5
24	SE 4.5	ESE 2.5	SE 4	SSE 2.5	S 3.5	SW 3	SW 5.5	SW 3.5	SSW 3.5	SW 2.5	S 1.5	S .5	2.4
25	SW 3.5	W 3.5	WSW 4.5	WSW 4.5	SW 4.5	SW 5	SW 3.5	SW 3.5	SW 1.5	Calm	Calm	SSW .5	2
26	W 4	WSW 3.5	SE 2.5	ESE 4.5	SE .5	WSW 3	E .5	E 1.5	Calm	Calm	ENE 1	Calm	1.5
27	W 2.5	SE 3.5	E 3	NE 4	SE 4.5	ESE 3.5	ESE 4	ESE 3	ESE 3	ESE 3	ESE 3	ESE 2.5	2.3
28	SE 9	ESE 5	SE 10	SE 5	ESE 4	ESE 3	ESE 2	SE 1.5	ESE 2	ESE 1.5	ESE 1.5	Calm	2.7
29	ESE 5.5	SSE 7	SE 5	SE 9	SE 6	SEbyE 2	ESE 2	SE 2	SE 2.5	SE 2	SE 2.5	ESE 1.5	2.5
30	WbyS 3.5	SE 2	SE 7	SE 10	ESE 6.5	SE 3.5	SE 3.5	ESE 2.5	ESE 2	E 2.5	ESE 2	ESE 1	2.7
31	E 5.5	ESE 3	ESE 4.5	ESE 4	E 5.5	E 4.5	ESE 3.5	ESE 1.5	SE 1.5	ESE 2	ESE 1.5	ESE 1.5	1.9
Mean	3.4	3.3	3.7	3.7	3.5	3	2.6	2	2	1.5	1.5	0.9	1.9

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon
1	3	4.5	2	2.5	3	1	2	1	6	6.5	12.5	15
2	1	4	3	4	3	2	3	3	4	4	16	19
3	2	2	2	3	2	0	1	2	6	7	11	13
4	5	2	3	2	3	2	4	7	3	8	**16.5**	15.5
5	.5	1	1.5	1	2.5	2	3.5	4.5	2.5	8	11	**18**
6	0	0	2	2	3	2	2	0	3.5	3.5	**16**	14
7	1	2.5	1.5	1	2.5	3.5	2.5	5.5	4.5	6.5	12	10
8	0	0	0	2	6	5	5	8	8	5	**12**	11
9	0	0	1.5	6	2	3	2	.5	4.5	11	13	**15**
10	3	2	3	1	3	3	2.5	1	4.5	8	14	13
11	11	4	1.5	3	2.5	.5	.5	1	2	5	**12**	**12**
12	0	0	0	1	2	1	5	7	7	3	8.5	8
13	4	2.5	2.5	2	2	3.5	3.5	4	4	8	**13**	6.5
14	1.5	3.5	1	.5	2.5	2	1	3	7.5	8	12	11.5
15	2	1	3	5.5	5.5	4.5	5.5	10.5	15	11.5	17	15
16	7.5	5	4	2.5	.5	0	0	2.5	4.5	10	10.5	**13.5**
17	1	2	1.5	1.5	3	4	3	1	3.5	10.5	11.5	13
18	6	5	5.5	5.5	3.5	4	3	1.5	3.5	9.5	13.5	15
19	3.5	4	4	3.5	4	3	4.5	5	5	5.5	**16.5**	15
20	2.5	1	3	5	5	4	4	10	8	6	9	16
21	0	1	2	1.5	1	4	2.5	3.5	8.5	9.5	7	12
22	5	5	5	4	4	5	4	2	2	10	11	12
23	4.5	5.5	6	6	5.5	2.5	4	5	6	5	11	12
24	5.5	4.5	4	3.5	3	3	3.5	3.5	4	17.5	**19**	17
25	2	1	2	2	3	3	1	3	7	7	10	10.5
26	.5	2	2.5	3	3	3.5	2.5	5.5	1.5	10	15	13
27	3	3	2	1	1	2	3	5	6	8	**20**	15
28	8	8	5.5	5	4.5	3.5	2.5	1.5	5.5	9	13.5	8.5
29	2.5	2.5	2	2	1	.5	1	.5	4.5	11	16	13
30	4	5	3.5	2.5	1	2	3	1	3	9	13	20
31	2.5	3.5	1.5	.5	1	3.5	2.5	2	4	3.5	8	13.5
Mean	3	2.8	**2.6**	2.8	2.9	2.7	2.8	3.6	5.1	7.9	12.9	13.4

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	5	1	1	3	3	4	6	6	6	9	7	3	4.5	**6** 00
2	6	8	6	6	7	6	7	3	3	4	7	6	5.8	8 00
3	3	1	1	2	8	8	7	6	5	5	3	2	4.2	5 30
4	4	4	3	4	6	7	8	8	8	7	4	2	5.4	6 55
5	5	3	3	9	9	3	4	7	6	6	6	7	5.7	6 40
6	8	6	6	6	9	9	9	9	9	8	5	3	7.2	3 50
7	3	1	3	9	4	9	9	9	8	7	5	5	6	3 25
8	1	3	5	8	9	8	9	9	8	8	9	7	7	**2 00**
9	9	10	8	8	8	5	6	8	9	8	9	8	8	3 30
10	9	8	10	10	8	6	9	8	8	9	10	10	**8.8**	**2 00**
11	8	9	9	10	8	9	10	9	5	6	8	6	8.1	**4** 15
12	4	9	9	8	8	9	9	9	4	4	3	3	6.6	3 40
13	9	3	4	7	8	9	9	6	9	7	8	9	7.3	4 25
14	3	5	2	2	4	3	3	3	3	3	2	7	3.3	9 10
15	1	3	4	3	2	2	3	2	2	2	3	2	2.4	9 50
16	8	8	9	3	5	6	7	7	7	8	8	9	7.1	5 40
17	3	3	4	5	5	4	4	4	4	3	3	1	3.6	9 50
18	1	1	2	3	3	4	2	2	2	2	2	1	2.1	**10 50**
19	1	1	0	2	3	2	2	2	2	2	2	3	1.8	10 05
20	7	4	2	4	4	3	1	0	0	0	0	0	2.1	9 30
21	1	0	0	0	0	1	2	1	1	1	0	1	.7	9 25
22	3	7	2	1	0	0	0	0	0	0	0	2	1.2	8 45
23	3	1	1	0	0	0	0	1	1	1	0	1	.8	9 20
24	2	0	0	0	0	1	1	1	1	2	4	9	1.8	9 20
25	1	1	1	1	1	1	2	1	2	2	2	3	1.5	9 40
26	7	0	0	1	1	1	2	3	5	4	6	7	3.1	8 30
27	5	8	8	8	10	7	8	7	8	5	7	3	7	4 20
28	6	7	7	8	8	8	8	7	7	8	8	6	7.3	5 10
29	8	6	4	5	6	6	4	6	5	6	8	8	6	5 55
30	4	2	1	1	2	4	5	6	5	4	9	7	4.2	9 05
31	1	0	0	3	9	9	5	5	6	7	8	10	5.2	7 25
Total														212 00
Mean	4.5	4	**3.7**	4.5	5.1	5	**5.2**	5	4.8	4.8	5	4.9	4.7	6 50

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 a.	8–9 p.	9–10 p.	10–11 p.	11–Mdt.	Mean.
13	15	16	8	8	8	4	0.5	5.5	8	6	2.5	6.4
22	25	25	22	17	19	10	2	0	6	1	4	9.1
12	12	11	9	13	17	8	9	12	8	7	4	7.2
13	12	9	6	9.5	11	10	7	7.5	5.5	5	2.5	7
13	11	10	11	14	15	10	6	1	2	0	1	6.2
13	9.5	7.5	4	10	8	5	6.5	5.5	4.5	5.5	4	5.5
10	5	13	19	18	9	5	2	1	1	0	0	5.7
5	6	8	4	6.5	6.5	2	0	.5	0	.5	.5	4.2
12	14	8.5	1	1	1	7.5	7.5	5.5	3	1	2	5.1
10.5	7.5	7	11	10.5	7	4.5	3	2	.5	11.5	17	6.2
11	10	11	9	3.5	4.5	10	10	3	3	9	2	5.9
7.5	6.5	4.5	7.5	10.5	14.5	7.5	3.5	2	6.5	3.5	2.5	5
6.5	8.5	5.5	5	8	8	2	1	1.5	.5	1	4	4.5
14	14.5	15.5	20	22.5	20,5	11	2.5	7.5	7	4.5	1.5	8.1
15	16	14	17	21	17	14	11	14	15	12	9.5	11.3
12	12.5	9.5	13.5	10.5	8.5	8	5.5	8	5	3.5	.5	6.6
8.5	16	20	17	16	11.5	11	10.5	10	9.5	9.5	8.5	8.5
16	15	19	16	16	17.5	14.5	10	7.5	7.5	7.5	5	9.5
15	13	12	8	10	11	10	11	10	9	7	3.5	8
21.5	17.5	22.5	20.5	19	14	12.5	8.5	9	9.5	5.5	5.5	10
13	7	14	21	21	21	17	16	13	9	7	7	9.1
14	11	11	9	18	19.5	20.5	16	12	6.5	6	7.5	9.2
15	20	20	16	18.5	15.5	15	13	11	7	6	7	9.9
15	13	10	10	10	14	17	14	11	8	6	3	9.1
8.5	12	16	17.5	18.5	20	19	16	12	1.5	.5	1	8.1
14	13	11	17	14	12	12	4	5	2	1	3	7.1
18	13	16	20	7	13	13.5	13.5	9.5	10.5	9.5	10.5	9.3
15.5	21.5	19	21	19	11.5	9.5	7	6	5	5.5	5	9.2
18	20	22	22	17	13	9	7	8.5	6	9	7.5	9
16	11	22	24	20	16	12	9.5	7.5	9.5	6.5	7	8.5
16	19	17	16.5	15	14.5	10.5	8.5	6	6.5	5.5	4	7.7
13.3	13.1	13.8	13.6	13.6	12.9	10.4	7.8	6.9	5.9	5.3	4.6	7.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1			2	1		6					4	1	2	2			6	153.5	4.4	
2	1	1	3	6	4	4											5	219	6.9	
3			1	2	7	1					2	4	2	1		1	3	173	5.2	
4	3		2	1	7	1			1		2	1	2	1			3	169	4.5	
5		1	4	4	1	1						1	1				11	150	5.6	
6	1	1	3	1	4	2					3	1		2			6	131	4.2	
7		2		6	1				1		2		1		1		10	136	3.8	
8		6	4	1					1		1					1	10	101.5	4.1	
9					3	2		1			3	1	2	1	1	2	8	122.5	3	0.6
10			4			1	3		1		2	1	1	2		2	7	150	2.6	25.9
11	1	1	2				1				3	2	2	1		3	8	141	3.3	
12	2	3	2	2	1	2			2	1	1	2				1	5	119	3.4	
13	2		4	2		1			1				5	1	1		7	107	2.7	1.3
14	1	1	3						1	3	3	5	4	1			2	195	4.5	
15	8	3	1				1			2	3	5	1		2	2	1	271.5	5.4	
16		3	5		1	3	2		1	3	1	2		1			2	157.5	4.8	
17			7			8	3					1	3			1	1	203.5	5.2	
18			1	3	2	6	6					1	1	2			2	227	5.3	
19			2	1	4	5	4	1				3	2	1		1		193	5.2	
20			2		3	2	13	1	1								2	239	6.2	
21			3	3	4	4	6	1					1		1		1	218.5	5.9	
22				1	7	2	6	1			1	1	3	2				220	6.5	
23				1	5	9	3	4	1					1				237	7.1	
24			1	2	1	6	2	1	3	1	4						3	219	6	
25						6	2	2		1	6	2	1				4	194	6	
26			1	1	2	2	2			3		3	2		2		6	170	6.3	
27		1	3		2	7	2						2	1	1		5	223	6.2	
28		3		2		9	5					2		1			2	220.5	5.8	
29		1	1			2	8	2				2	2				6	215.5	6.9	
30			1	1	5	6	6						2	1			2	228	6.6	
31	1	2		1	3	10	1								2		4	185	6.7	
Total	15	29	62	42	67	108	76	14	14	14	41	41	42	22	11	14	132	5,689.5	160.3	27.8
Mean	0.5	0.9	2	1.4	2.2	3.5	2.5	0.5	0.5	0.5	1.3	1.3	1.4	0.7	0.4	0.5	4.3	183.5	5.2	0.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	762.45	9.10a.	31.6	2.20p.	98	17.9	759.88	3.00p.	17.8	6.15a.	54	15.4
2	64.30	10.10p.	31.8	1.25p.	92	17.4	61.35	3.25p.	19.7	6.15a.	**41**	**13.2**
3	**64.95**	9.05a.	30.6	1.50p.	89	17.4	**61.75**	3.45p.	18.8	6.20a.	52	14.6
4	64.35	9.00a.	30.8	2.10p.	92	17.7	60.65	3.35p.	**17.5**	5.35a.	57	14.6
5	63.50	9.20a.	33.4	1.55p.	95	18.7	60.05	3.40p.	19.3	4.55a.	**41**	14
6	63.05	9.25a.	31	4.05p.	89	17.8	60.19	4.00p.	19	5.15a.	50	14.8
7	62.58	10.00a.	**29.4**	4.05p.	89	19.6	59.60	4.10p.	19.7	4.15a.	49	14.3
8	61.80	0.05a.	30	0.40p.	92	17.6	58.30	3.30p.	18.7	3.25a.	57	15
9	60.60	9.15a.	30.7	1.35p.	90	21.5	57.15	3.05p.	21.1	5.20a.	67	17.4
10	60.70	11.30p.	29.7	0.15p.	97	**21.9**	57.29	3.00p.	21.6	5.30a.	**68**	**18.6**
11	61.15	9.40a.	29.9	4.55p.	**99**	20.4	58.25	3.25p.	21.8	3.20a.	67	17.8
12	61.11	9.00a.	30.9	3.15p.	**95**	19.1	58.05	3.15p.	21.2	2.55a.	58	17.2
13	60.60	9.15a.	31.1	4.20p.	96	19.8	57.75	4.30p.	20.2	5.10a.	63	17.4
14	61.15	9.15a.	30.3	0.50p.	95	20.9	57.49	3.00p.	21.2	6.15a.	62	18.2
15	61.05	10.40p.	30.9	3.40p.	95	20.7	57.85	3.25p.	22.2	3.10a.	64.5	18
16	61.85	11.05p.	30.3	1.35p.	90	19.3	59.15	3.05p.	21.6	11.55p.	63	16.3
17	62.80	8.55a.	31.6	2.40p.	93	18.4	59.86	3.00p.	19.2	6.20a.	53	15.9
18	63.50	9.30a.	31.6	2.50p.	94	18	60.20	3.30p.	18.5	6.05a.	51	14.5
19	63.20	9.40a.	31	4.15p.	94	18.6	59.75	4.35p.	18.8	5.50a.	59	15.7
20	61.90	8.50a.	31.3	1.40p.	91	17	58.35	3.30p.	19.9	3.25a.	51	15.2
21	61.10	8.40a.	31.6	2.15p.	87	**16.4**	57.50	3.30p.	18.6	6.30a.	46	14
22	61.50	8.35a.	31.2	3.50p.	91	18.2	57.98	3.00p.	18	6.15a.	52	14.1
23	60.84	9.00a.	32.3	3.15p.	89	17.4	56.95	4.20p.	18.9	5.55a.	43	14.1
24	**59.85**	8.45a.	33.8	3.25p.	96	20	**56.70**	3.45p.	18.8	5.50a.	46	15.8
25	60.35	8.30a.	33.8	0.35p.	95.5	21.2	57.40	3.30p.	21.2	5.55a.	50	18
26	60.80	9.25a.	**34.8**	3.25p.	96	21.7	57.05	4.05p.	21.5	5.55a.	48	17.9
27	61.60	8.35a.	33.3	2.40p.	94	19.7	57.90	3.00p.	21.5	6.20a.	50	17.3
28	61.64	9.00a.	33.1	2.45p.	90	19.4	57.66	4.00p.	21.3	6.20a.	47	15.9
29	61.30	9.15a.	33.1	1.10p.	89	19.2	57.73	4.00p.	21.7	4.55a.	49	15.2
30	61.10	9.05a.	32.6	3.30p.	91	19.4	57.50	3.30p.	19.6	5.45a.	50	15.7
31	61.40	8.50a.	33.6	2.40p.	87	17.9	58.55	3.15p.	**22.5**	6.25a.	43	16
Mean	761.87		31.6		92.6	19	758.58		20		53.3	15.9

DAILY GENERAL REMARKS.

1 ☊, ≡° early in the morning.
2 ☊, ≡° early in the morning; somewhat gusty winds from ENE in the afternoon.
3 Cloudy weather.
4 Do.
5 Do.
6 Overcast.
7 d° at 1.45 p. m.
8 Cloudy weather.
9 d° 6.25 a. m.; ●° in the afternoon.
10 d° in the morning; ● in the afternoon and at night.
11 ●° in the early morning.
12 ☊° early in the morning.
13 ☊ early in the morning; ● in the forenoon and afternoon.
14 ≡° in the morning.
15 ☊ early in the morning.
16 Overcast.
17 ☊ early in the morning.
18 ☊ early in the morning.
19 ☊ early in the morning.
20 Somewhat gusty SEly winds in the afternoon.
21 ☊° early in the morning.
22 ☊ early in the morning.
23 ☊° early in the morning.
24 Fair weather.
25 As yesterday.
26 ⊤° ENE in the afternoon; ◺° NW quadt. in the evening.
27 Cloudy weather.
28 Somewhat gusty SEly winds in the afternoon.
29 ☊° early in the morning.
30 Somewhat gusty SEly winds in the afternoon.
31 Cloudy weather.

OBSERVATIONS FOR APRIL, 1918.

ATMOSPHERIC PRESSURE, 700mm+

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.35	60.10	59.95	60	60.30	60.53	60.97	61.17	**61.25**	60.98	60.68	59.92
2	60.10	59.65	59.50	59.50	59.70	60.04	60.51	**60.90**	60.69	60.23	59.94	59.45
3	58.95	58.70	58.45	58.55	58.95	59.26	59.70	**60.17**	60.08	59.74	59.25	58.87
4	59.20	58.95	59.20	59.15	59.40	59.60	60.06	60.22	**60.54**	60.38	59.79	59.28
5	59.55	59.35	59.10	58.90	59.20	59.40	59.91	60.54	60.55	**60.59**	60.18	59.44
6	50.35	58.90	58.70	58.80	58.90	59.06	59.40	59.72	**59.79**	59.46	59.03	58.42
7	58.60	58.25	58.15	58.05	58.45	58.74	58.97	**59.51**	59.50	59.30	58.64	57.82
8	58.45	58.10	57.85	57.90	58.30	58.34	58.59	59.14	**59.40**	59.14	58.80	58.09
9	58.80	58.50	58.15	58.20	58.55	58.80	59.39	59.99	**60.07**	59.83	59.47	58.89
10	59.50	59.15	58.80	58.75	59.05	59.26	59.60	60.16	**60.55**	60.19	59.83	59.12
11	59.25	58.90	58.70	58.65	58.70	58.95	59.25	59.78	**59.84**	59.72	59.37	58.59
12	58.35	58.10	57.35	57.20	57.65	57.74	58.19	58.83	**58.87**	58.49	58.14	57.64
13	56.70	56.25	56.15	56	56.15	56.24	56.64	57.31	57.48	57.68	57.62	57.02
14	57.10	56.50	56.35	56.40	56.85	57.01	57.56	58.25	**58.49**	58.07	57.69	56.99
15	57.95	58	57.65	57.55	57.85	58.18	58.64	58.99	**59.15**	59.03	58.82	58.59
16	58.45	58.30	58.35	58.40	58.50	59.01	59.57	59.77	**60.01**	59.85	59.53	59.23
17	58.95	58.90	58.80	59	59.30	59.91	60	60.54	**60.65**	60.37	60.27	59.89
18	60.10	60.05	59.80	59.80	60.10	60.62	60.90	61.30	61.32	61.27	60.78	60.37
19	61.10	60.90	60.80	60.70	60.95	61.32	61.67	62.04	**62.05**	61.94	61.73	61.19
20	61.30	61.25	61.20	61.25	61.35	61.39	61.88	**62.17**	62.07	61.92	61.52	60.94
21	60.90	60.55	60.25	60.35	60.45	60.69	61.08	**61.64**	61.42	61.52	61.16	60.61
22	59.80	59.35	59	59.05	59.25	59.68	59.86	**60.58**	60.54	60.49	60.03	59.40
23	59.65	59.10	58.85	58.85	59.15	59.56	60.01	60.44	60.58	60.45	60.20	59.67
24	61.05	60.55	60.30	60.20	60.45	60.62	61.12	61.39	61.68	61.36	61.16	60.73
25	61.35	61.20	60.80	60.70	61	61.07	61.46	61.76	**61.86**	61.74	61.51	60.85
26	59.65	59.60	59.20	59.35	59.40	59.51	59.91	59.96	**60.29**	60.27	59.94	59.17
27	59.55	59.20	58.40	58	58	58.27	58.62	59.25	59.33	59.09	58.88	58.35
28	58.65	58.15	57.60	57.75	58	58.64	58.88	59.29	59.02	58.68	58.61	58.09
29	58.95	58.90	58.75	58.95	59.20	59.36	59.71	59.94	**60.10**	59.97	59.74	59.36
30	59.35	59.20	59.20	59.10	59.40	59.71	60.08	60.43	**60.47**	60.19	59.92	59.51
Mean	59.37	59.09	58.84	58.84	59.08	59.35	59.74	60.17	**60.25**	60.06	59.74	59.18

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.2	22.7	22.6	**22**	22.2	22.7	23.3	26.4	29.2	29.5	28.4	**29.6**
2	22.2	21.2	21.1	20.6	20.1	**20**	22.2	25.8	28.3	28.3	30.1	30.2
3	22.1	21.7	21	20.4	20.3	**20.1**	22.9	27.2	29.2	29	30	30
4	23.8	22.7	21.9	21.2	20.8	**20.4**	22.8	26.6	27.8	28.7	29.5	**29.9**
5	23.8	23.5	22.2	21.5	20.9	**20.5**	23.2	26.3	26.9	28	30	30.2
6	22.5	21.5	20.3	19.6	19.2	**18.7**	21.3	25.6	26.9	27.7	28.5	30.2
7	24	23.1	22.3	22	21.7	**21.5**	23.7	27.2	28.6	29.5	29.8	30.2
8	24.5	24.1	23.6	22.7	22.6	**22**	24.6	28	28.7	29.6	30	31.1
9	24.7	24.3	23.7	**23.1**	23.3	23.9	25	27.6	29.5	30.9	31	31.2
10	23.7	23.1	22.6	22	20.9	**20.1**	23	26.2	27.4	29	30	31.4
11	24.2	23.6	23.6	23.5	22.6	**22.1**	24	27.3	28.8	29.8	30.4	31
12	24.9	25.1	24.3	23.2	22.9	**22.5**	23.7	26.5	28.4	28.5	29.2	29.9
13	23.6	23.3	23.1	22.6	22.2	**21.9**	23.9	26.7	28	28.7	29.4	30
14	24.6	24.2	24.1	23.5	**23.2**	23.4	24.6	26.9	28	29.3	30.2	31
15	25.6	25.5	25.1	25.2	25.4	25	25.5	26.5	27.5	28.8	28	27.4
16	24.7	24.6	24.4	24.4	24.4	**24.1**	24.6	25.9	26.7	28.7	29.3	**27.7**
17	24	23.7	23.8	23.8	**23.1**	23.2	24.5	27.5	29.3	30.2	28.8	28.9
18	24.7	23.6	23.2	22.6	22.2	**21.9**	24.5	27.5	29.5	28.8	30	30.4
19	23.9	23.1	22.2	21.8	21.1	**20.8**	23.9	27	29.5	29	30.1	30.7
20	24.1	23.8	22.7	21.9	**21.4**	21.7	24.5	28	28.9	30.5	30.5	30.4
21	22.5	22.1	21.4	21.2	20.6	**20.4**	23.8	26.7	28.2	28.8	29.4	30.8
22	23.2	23	22.6	22.5	**21.5**	**21.5**	23.7	27.5	28.2	29	30	30.8
23	24	23.4	23.1	23.1	22.8	**22.7**	25.2	28.7	29.7	31	32	32.9
24	24.6	24.4	24.4	23.8	23.6	**23.4**	27	29.6	29.6	30.8	32.4	33
25	24.7	24.3	24.1	23.8	**23.5**	23.7	25.6	28.5	28.5	28.2	29	**32.5**
26	24.6	23.6	23.5	23.2	22.8	**22.5**	25.5	28.3	28.9	29.8	30.3	30.5
27	24.9	24.5	23.9	**23.6**	23.7	23.9	24.7	25.9	26.9	28.7	31.3	31.4
28	24.6	24.3	23.9	**23.8**	24	23.9	25.1	28.1	29.8	30.3	29.8	31.9
29	24	23	22.5	22.6	21.9	**21.7**	24.4	27.5	29.3	30.2	30.9	31.6
30	24	23.3	22.7	22.2	**21.7**	**21.7**	25.6	28.8	29.7	28.6	29.2	30.6
Mean	24	23.5	23	22.6	22.2	**22.1**	24.2	27.2	28.5	29.3	29.9	30.6

ATMOSPHERIC PRESSURE, 700mm+

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.94	58.48	58.06	**58.02**	58.24	58.73	**59.36**	59.95	60.35	60.60	60.65	60.30	59.91
58.48	57.93	57.46	**57.37**	57.55	57.84	58.44	58.80	59.15	59.50	59.50	59.35	59.23
58.08	57.42	56.96	**56.93**	57.18	57.78	58.31	58.65	59.10	59.50	59.50	59.40	58.73
58.48	57.79	**57.73**	57.89	58.21	58.51	59.07	59.40	59.80	60	59.90	59.65	59.26
58.52	57.86	57.51	**57.40**	57.50	58.02	58.62	59.15	59.70	60.10	60.05	59.70	59.20
57.32	56.73	56.53	**56.42**	56.54	57.04	57.57	58.05	58.55	58.80	59	58.90	58.37
56.81	56.07	55.46	**55.34**	55.49	55.96	56.70	57.25	57.90	58.40	58.75	58.55	57.78
57.32	56.67	56.30	**56.11**	56.40	56.79	57.27	57.85	58.55	58.75	59.10	59.05	58.01
57.95	57.14	56.74	**56.52**	56.66	56.86	57.33	58.10	58.85	59.45	59.70	59.80	58.49
58.31	57.32	56.84	**56.61**	56.76	57.27	58.02	58.65	59.35	59.75	59.90	59.50	58.84
57.75	56.86	56.39	**56.15**	56.35	**56.75**	57.47	58.15	58.60	58.75	58.65	58.50	58.34
56.91	55.96	55.32	**55.09**	55.21	55.70	56.14	56.70	57.05	57.40	57.50	57.15	57.20
56.27	55.43	55	**54.92**	54.99	55.52	56.06	56.45	57.05	**57.70**	**57.60**	57.40	**56.48**
56.34	55.65	55.13	**55.03**	55.16	55.86	56.50	57.05	57.80	58.05	58.25	58	56.92
58.03	57.34	56.71	**56.53**	56.63	56.88	57.27	57.55	58.40	58.75	58.90	58.65	58
58.57	57.79	57.37	**57**	57.03	57.36	58.02	58.50	58.85	59.25	59.30	59.15	58.63
59.33	58.12	57.73	**57.52**	57.68	58.11	58.73	59.45	59.90	60.45	60.50	60.30	59.35
59.53	58.92	58.87	**58.80**	59.15	59.56	59.96	60.45	61.05	61.45	**61.60**	61.40	60.30
60.11	59.08	**58.72**	58.96	59.45	59.92	60.43	60.90	61.55	62	62	61.65	**60.88**
60.13	59.10	**59**	59.05	59.24	59.57	60.07	60.70	61.25	61.60	61.50	61.05	60.85
59.81	59	58.90	**58.66**	58.82	58.92	59.30	59.70	60.05	60.45	60.30	59.95	60.19
58.49	57.66	57.30	**57.27**	57.75	58.73	59.29	59.75	60.45	60.15	60.15	59.65	59.32
58.75	58.14	57.69	**57.68**	58.10	58.81	59.62	60.55	60.95	61.55	**61.70**	61.30	59.64
60.08	59.44	59.42	**59.30**	59.50	60.10	60.60	60.95	61.45	61.80	**61.95**	61.80	60.71
60.27	59.53	58.93	**58.63**	58.85	59.39	59.82	60.20	60.50	60.60	60.30	60	60.51
58.48	58.43	57.87	**57.22**	57.23	57.94	58.16	58.55	59.20	59.75	59.90	59.80	59.12
57.40	56.82	56.30	**55.92**	56.40	57.28	57.88	58.55	59.15	**59.65**	59.50	59.10	58.29
57.10	56.35	55.94	**55.81**	56.19	56.98	57.95	58.40	58.90	**59.45**	59.20	58.95	58.02
58.53	57.89	57.46	**57.35**	57.38	57.67	58.07	58.40	58.80	59.20	59.50	59.50	58.86
58.60	57.96	57.62	**57.49**	57.81	58.09	58.52	59.20	59.70	60.10	60	59.85	59.23
58.36	57.63	57.24	**57.10**	57.32	57.80	58.35	58.87	59.40	59.76	59.81	59.58	58.96

TEMPERATURE, (°C).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.5	31	31.7	**32.1**	30.6	28.5	26.6	25.4	24.5	24	23.4	23.3	26.4
30.6	31.1	31.7	**32.2**	30.1	28.4	27.1	25.6	25.7	24.4	23.8	22.8	26
31.2	**32.9**	31.8	31.4	30.3	28	26.7	25.7	25	24.6	24.3	24	26.2
30.2	31.4	**31.8**	30	29	27.5	26.3	25.5	25.1	24.8	24.3	24.1	26.1
29.7	31.4	**32.3**	30.2	30.6	28.3	26.5	25.2	24.3	23.9	23.4	22.5	26.1
31.2	**32.7**	31.1	30	29.4	27.3	26.3	26	25.8	25.6	24.9	24.8	**25.7**
30.8	31.9	**33**	32.8	31.4	29.3	27.5	26.6	26.3	25.8	25.5	25	27.1
33.1	**33.4**	33.2	32.8	31.8	30	28.5	27.4	26.9	26.4	25.9	25.1	27.8
31.5	32.2	32.6	**33**	31.6	29.3	27.8	27.3	26.5	25.8	**25.4**	24.5	27.7
32.1	32	31.8	**33**	30.5	28.4	27.5	27.3	26.5	26.1	25.9	24.8	26.9
31.4	31.5	31.8	**33**	31.5	30.1	28.1	26.9	26.3	26	25.6	25.2	27.4
30.7	30.7	**31.4**	**31.4**	30	28.5	27.8	26.9	26.4	26.2	25.5	24.4	27
30.9	30.6	30.1	29.1	28.4	27.3	26.8	26.7	26.6	25.9	25.4	24.7	26.5
31.4	**31.4**	30.9	30.4	29.4	27.9	27.4	27.3	27.4	27.3	24.8	25.4	27.3
28.3	27.9	**29.6**	29.4	27.9	26.9	26.2	25.6	25	**24.7**	24.9	24.8	26.5
28.7	30	**30.9**	**30.9**	30.1	27.7	26.3	25.5	25.1	24.9	24.6	24.2	26.6
30.6	**31.5**	30.3	**31.5**	29.9	27.9	26.5	25.7	25.3	24.9	24.8	24.8	26.9
30.3	**31.2**	31	30	29.6	28.2	26.6	25.8	25.4	25	24.8	24.6	26.7
32.2	**32.8**	**32.8**	32.7	30.9	28.7	26.9	25.8	25.1	24.4	24.4	24.4	26.8
31.4	**33.3**	33	32	30.1	28.3	26.9	25.9	25	24.6	23.7	23.2	26.9
32.6	**33.2**	32.5	32.5	30.2	29.2	27.7	26.8	25.9	25.3	24.4	23.5	26.7
30.7	31.6	**33.3**	32.3	30.1	27.5	26.9	26.4	26.8	25.2	24.8	24.6	26.8
33.4	34	**34.1**	33.5	31.6	29.7	28.6	27.5	26.6	25.8	25.5	25.1	**28.1**
33.4	**33.9**	31.9	31.7	31	28.8	**27.5**	26.7	26.2	25.6	25.5	25.2	**28.1**
30.7	27.3	30.4	30.5	29.9	28.3	27	25.6	24.9	24.7	25.3	25.2	26.9
31.2	26.7	28.2	30.4	29.5	27.9	27.1	26.7	26.7	26.7	25.6	25.4	26.9
32	31.7	31.4	30.5	30.3	27.8	26.6	26	25.7	25.8	25.6	25	27.2
33.7	34	**34.1**	33.3	31.7	29.7	27.7	26.2	25.3	24.9	25.4	24.6	27.9
32.3	33	33.7	**34**	33	30.6	28.9	27.7	27	25.8	25.9	25.2	27.8
33	33.4	**33.8**	32.9	32.1	29.9	27.9	26.4	25.3	24.4	24.5	23.7	27.3
31.3	31.7	**31.9**	31.6	30.4	28.5	27.2	26.3	25.8	25.3	25	24.5	26.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	85	88	88	**92**	90	89	87	73	60	61	66	59
2	83	88	87	91	92	**93**	84	71	62	61	57.5	56
3	88	88	91	91	92	**94**	82	67	56	60	57	57
4	75	81	85	88	89	**90**	83	69	65	61	57	57
5	77	79	86	88	91	**92**	81	69	68	65	58	57
6	74	79	85	87	87	**90**	82	68	65	63	59	53
7	81	85	88	89	90	**91**	81	68	64	61	61.5	59
8	79	80	82	87	88	**89**	77	63	61	58	57	58
9	82	82	85	**88**	86	84	79	65	55	53	55	52
10	77	79	81	83	85	**90**	78	66	62	55	53	47
11	82	84	81	82	88	**90**	81	69	64.5	59	60	59
12	79	76	79	84	86	**89**	85	76.5	65	68	66	63
13	85	84	86	88	91	**92**	85	71	69	67	64	63
14	88	89	89	91	**92**	91	89	80	77	70	67	61
15	81	82	84	83	82	**86**	84	80	78	73	77	77
16	86	87	86	86	85	**88**	85	78	72	64	64	72
17	86	88	86	85.5	**89**	88	82	71	62	60	66	65
18	80	85	85	87	89	**90**	79	68	57	62	59	58
19	77	81	84	87	88	**90**	78	67	55	58	54	54
20	77	77	82	**85**	**85**	83	69	57	53	48	49	49
21	88	90	95	94	95	**98**	79	66	60	58	56	52
22	81	81	82	84	**88**	87	78	66	66	64	59	56
23	90	93	95	95	**97**	**97**	87	71	60	57	49	48.5
24	84	85	84	87	88	**90**	72	61	64	62	51	50
25	87	88	89	**91**	**91**	**91**	83	70.5	72	72	71	**55**
26	87	89	89	90	92	**95**	80	70	68	66	64	63
27	89	91	94	**96**	94	93	91	86	80	73	61	61
28	88	90	**91**	**91**	**91**	**91**	85	72	68	66	68	58
29	80	83.5	85	83	**87**	86	73	66	59	56	55	54
30	77.5	80	82	84	86	**87**	71	61	61	65	63	59
Mean	82.4	84.4	86.2	87.9	89.1	**90.1**	81	69.5	64.3	62.2	60.1	57.8

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	18	18	17.9	18	17.9	18.3	18.5	18.8	18	18.8	**18.9**	18.3
2	16.6	16.5	16.2	16.4	16.2	16.2	16.7	17.5	17.8	17.4	18.2	18
3	17.5	17	16.8	16.3	16.4	16.5	17	17.9	16.9	17.9	17.9	17.9
4	16.4	16.6	16.6	16.5	16.2	**16**	17	17.9	17.9	17.9	17.4	17.9
5	16.9	17	17.1	16.8	16.7	16.6	17.1	17.5	18	18.2	18.3	18.2
6	15	15.1	15.1	14.7	**14.5**	**14.5**	15.4	16.5	17	17.4	17.1	17
7	17.9	17.9	17.5	17.5	17.4	**17.3**	17.7	18.3	18.7	18.8	19.2	18.9
8	18.1	17.8	17.8	17.8	17.9	**17.5**	17.7	17.6	17.7	18	18.1	**19.4**
9	**18.9**	18.6	18.6	18.4	18.3	18.5	18.5	17.8	16.9	17.5	18.4	17.5
10	16.8	16.5	16.5	16.3	**15.7**	**15.7**	16.2	16.7	16.9	16.4	16.6	16.1
11	18.5	18.1	17.6	17.7	17.9	17.8	18.1	**18.6**	19	18.4	19.4	19.6
12	18.4	18.1	17.9	17.9	**17.8**	18.1	18.6	19.7	18.7	19.8	19.9	19.7
13	18.5	**17.8**	18.1	17.9	18.1	17.9	18.7	18.4	19.3	19.7	19.6	19.8
14	20.3	19.9	19.8	19.6	**19.5**	**19.5**	20.4	20.9	**21.7**	21.3	21.3	20.2
15	19.8	19.9	20	19.9	19.8	20.2	20.3	20.6	21.2	**21.6**	21.5	20.9
16	19.8	19.9	19.4	19.4	19.3	19.6	19.5	19.5	**18.8**	18.9	19.5	19.9
17	19	19.1	18.9	18.7	18.6	18.6	18.6	19.4	18.9	19.1	19.4	19.2
18	18.5	18.5	18	17.7	17.8	17.6	18.1	18.5	**17.4**	18.2	18.5	18.6
19	17.1	17	16.7	16.8	16.4	16.4	17.2	**17.7**	16.9	17.2	17.3	17.7
20	17.1	16.9	16.8	16.6	16.2	16	15.8	16	**15.6**	15.7	15.9	15.8
21	17.7	17.8	**17.9**	17.5	17.2	17.5	17.3	17.1	16.9	**17.1**	16.9	17.2
22	17.1	16.9	16.8	17.1	16.8	**16.5**	17	18.1	18.8	19.1	18.5	18.5
23	19.9	19.9	19.9	19.9	20.1	20	**20.7**	20.6	18.7	19	17.4	18
24	19.3	19.3	19.1	19.1	19	19.2	19	18.9	19.7	20.4	18.6	18.8
25	20	19.9	19.8	19.8	**19.6**	19.7	20.2	20.4	20.8	20.5	21.1	19.9
26	19.9	19.2	19.1	19.1	**19**	19.2	19.4	20.1	20.1	20.6	20.7	20.6
27	20.9	20.7	20.7	20.7	20.5	20.5	21	21.4	21.2	21.3	20.6	20.8
28	20.3	20.3	20	19.8	20.1	20	20.1	20.4	21.1	**21.2**	21.1	20.3
29	17.7	17.4	17.2	17	16.9	**16.5**	16.6	18.1	17.9	17.8	18.3	**18.7**
30	17.2	16.9	16.8	16.7	**16.5**	16.7	17.2	18.1	19.1	19	19	**19.3**
Mean	18.3	18.2	18	17.9	**17.8**	**17.8**	18.2	18.6	18.6	**18.8**	**18.8**	**18.8**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59	56	48	45	49	55	63	68	72	74	78	78	70.1
57	53	51	50	53	55	61	69	68	77	80	85	70.2
54	48.5	48	50	49	54	59	64	67	69	72	74	68
58	53	52.5	53	58	61	67	71	73	74	76	76	69.7
60	53	51	54.5	46	52	62	66	68	70	72	75	68.4
52	49	52	57	61	68	73	74	74	75	77	76	70
60	58	48	48	51	59	67	71	72	74	75	78	70
50	49	50	51	51	59	65	70	72	73	75	80	67.7
51	49	47	43	46	52	60	65	66.5	70	68	72	64.8
48	50	50	44	60	66	67	63	73.5	75	77	81	67.3
59	57	55	51	57	52	60	67	71	74	75	78	69
62	59	56	57	66	71	73	71	74	74	78	82	72.5
60	62	67	70	75	81	81	80	82	85	85	88	77.5
60	60	62	67	68	74	78	79	76	78	84.5	83	77.2
72	69	66	68	71	74	77	78	82	83	83	85	78.1
69	63	63	62	62	70	76	81	82	83	83	86	76.4
59	57	60	56	58.5	66	72	77	78	79	79	79	72.9
58	52	52	57	59	63	68.5	72	74	76	75	76	70.1
48	47	42	42	48	53	62	67	71	75	75	77	65.8
47.5	42	42	47	53	58	64	67	71	75	80	84	64.4
46	46	47	44	54	58	62	66	72	73	75	80	68.9
57	56	49	53	64	73	74	77	74.5	83	87	85	71.8
48	43	46	47	57	63	66	72	77	80	81	83	70.9
49.5	48	54	53	57	65	73	77	80	84	84	84	70.3
60	84	69	67	65	69	75	84	87	87	83	83	78.1
60	83	77	70	68.5	75	78	80	80	81	86	87	78.3
59.5	62	63	65	66	74	80	83	84	84.5	84	87.5	79.2
48	48	47	47	50	56	64.5	72	75	77	74	78	70.6
51	48	46	47	48	54	59	64.5	67	74	72	73.5	65.5
50	45	44	45.5	48	55	64	68	74	78	75	79	66.8
55.8	55	53.5	53.7	57.3	62.8	68.4	72.3	74.6	77.2	78.3	80.4	71

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
18.2	18.8	16.7	16	16	16	16.3	16.3	16.5	16.5	16.7	16.6	17.5
18.5	17.8	17.6	17.9	16.9	15.9	16.3	16.9	16.7	17.5	17.5	17.6	17.1
18.3	18	17	17.2	15.8	15.1	15.3	15.8	15.9	15.9	16.3	16.5	16.8
18.5	18.2	18.3	16.6	17.2	16.6	17	17.1	17.2	17.2	17.2	16.9	17.2
18.7	18	18.4	17.4	15.1	14.9	15.8	15.7	15.4	15.3	15.3	15.2	16.8
17.7	18	17.6	18.1	18.5	18.2	18.5	18.5	18.2	18.2	18	17.7	16.9
20	20.3	17.8	17.7	17.4	17.9	18.3	18.5	18.3	18.2	18.2	18.3	18.2
18.7	18.8	18.9	18.7	17.8	18.5	18.8	18.9	19	18.6	18.7	18.9	18.3
17.6	17.5	17	16	16	15.9	16.8	17.5	17.1	17.3	16.5	16.5	17.5
17	17.8	17.5	16.6	19.5	18.9	18.3	18.2	18.9	18.8	19.1	18.8	17.3
20.2	19.7	19.3	19	19.5	16.5	17	17.7	18.1	18.5	18.3	18.6	18.5
20.2	19.4	19.2	19.6	20.9	20.6	20.2	18.6	19	18.7	19	18.5	19.1
19.9	20.1	21.2	21	21.5	21.7	21.2	20.9	21.1	21	20.6	20.4	19.8
20.4	20.4	20.7	21.6	20.6	20.6	21	21.3	20.6	20.9	20.8	19.9	20.6
20.5	19.4	20.3	20.8	19.8	19.4	19.5	19.1	19.3	19.1	19.5	19.8	20.1
20.2	19.8	20.9	20.7	19.6	19.5	19.4	19.7	19.4	19.5	19.2	19.2	19.6
19.3	19.5	19.2	19.1	18.3	18.4	18.5	18.9	18.7	18.6	18.5	18.5	18.9
18.7	17.7	17.5	17.9	18.5	17.8	17.7	17.8	17.7	18	17.6	17.5	18
17.1	17.3	15.6	15.4	16	15.5	16.3	16.6	16.8	17.1	17.1	17.5	16.8
16.2	16.1	15.9	16.6	16.9	16.7	16.8	16.7	16.7	17.3	17.4	17.7	16.5
16.9	17.3	17.1	16.2	17.2	17.4	17.2	17.2	17.8	17.4	17.1	17.3	17.3
18.6	19.2	18.8	19	20.4	19.3	19.4	19.7	19.5	19.7	20.2	19.5	18.5
18.4	17.2	18.3	17.9	19.6	19.5	19.1	19.6	19.8	19.7	19.7	19.8	19.3
18.9	18.9	19	18.4	19	19.2	19.8	20.1	20.2	20.6	20.5	20.1	19.4
19.8	22.5	22.3	21.8	20.5	19.7	20	20.6	20.5	20	19.8	19.9	20.4
20.1	21.5	22	22.7	20.9	21	20.8	20.9	20.9	21.1	21	20.9	20.4
21	21.5	21.4	21.1	21.2	20.6	20.6	20.7	20.7	20.8	20.4	20.6	20.9
18.7	18.8	18.7	18	17.4	17.3	17.8	18.2	18	18	17.9	17.9	19.2
18.4	18	17.9	18.4	18	17.5	17.6	17.8	17.7	18.2	17.8	17.5	17.7
18.8	17.3	17.3	26.9	17.2	17.2	17.9	17.5	17.8	17.6	17.2	17.2	17.6
18.8	18.8	18.6	18.5	18.4	18.1	18.3	18.4	18.4	18.5	18.4	18.4	18.4

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	A.-Cu. NE	Cu.		Cu. ENE		Cu. ENE		Cu.
2		Cu.		Cu.		Cu. EbyN		Cu. EbyN		Cu.
3	Ci.	Cu.		Cu.		Cu.		Cu.		Cu. ENE
4		Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. EbyN		Cu.
5		Cu.		Cu. EbyS		Cu. EbyS		Cu.		Cu.
6		Cu.		Cu.		Cu.		Cu.	Ci.-S.	Cu.
7		S.-Cu.		Cu. E	Ci.	Cu. E		Cu. E		Cu.
8		Cu.		Cu.		Cu. E		Cu. E		Cu. E
9	A.-Cu.	Cu.	A.-Cu. NE	Cu.		Cu.		Cu. NNE		Cu.
10	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
11	Ci.	Cu.	Ci.	Cu.		Cu. NE		Cu. NE		Cu. NE
12	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. NE	Ci. NW	Cu. NE	Ci.-S.	Cu. NE
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	A.-Cu. NNW	Cu.	A.-Cu.	Cu. NEbyN	A.-Cu.	Cu. NEbyN	Ci.	Cu.	Ci.	Cu.
15	Ci.-S.	S.-Cu.		Fr.-N. S		Cu. SE		Cu. SE		N.-cf.
16		N.-cf. SE	Ci.-S.	S.-Cu.	A.-Cu.	Cu. SE	A.-Cu.	N.-cf. SE	A.-Cu.	N.-cf.
17	A.-Cu. E	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.		S.-Cu. ESE		Cu. ESE
18	Ci.	Cu.	Ci.	Cu.		Cu. EbyS	Ci.	Cu. EbyS		Cu.
19						Cu.		Cu.		Cu.
20		Cu.		Cu.		Cu. E		Cu. EbyN		Cu. ENE
21				Cu.		Cu.		Cu.		Cu. E
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.-N.
23	Ci.	Cu.		Cu. ESE		Cu. ESE		Cu. ESE		Cu.
24	Ci.-Cu. SE	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.-N.	A.-Cu. EbyS	Cu.	A.-Cu.	Cu.-N.
25	A.-Cu.	Cu.		Cu. E		Cu. ENE		N-cf. E		Cu.-N. E
26	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	A.-Cu.	Cu.-N. E	Ci.	Cu.-N.
27	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	A.-Cu. NNE	Cu.		Cu. E
28	A.-Cu.	S.-Cu.		Cu. EbyS	Ci.-Cu.	Cu. E		N.-cf E	A.-Cu.	Cu.
29	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
30		Cu.		Cu.		N.-cf. E		N.-cf E		N.-cf. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu. E	A.-Cu.	Cu.-N. ENE	A.-Cu.	Cu.-N. ENE		Cu. ENE	A.-Cu.	Cu.
2		Cu. EbyN		Cu. ESE		Cu. ESE		Cu.		Cu. ESE
3		Cu.		Cu. ENE		Cu. ENE		Cu.		Cu.
4		Cu. E		Cu. ESE		Cu. ESE		S.-Cu. ESE		Cu.
5		Cu.		Cu. EbyN		Cu. EbyN	Ci.-Cu.	Cu. ENE		Cu. EbyN
6	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu.	Ci.	Cu.		Cu.		Cu.
7		Cu.		Cu.		Cu.		Cu.		Cu.
8		Cu. E		Cu.		Cu.		Cu.		Cu.
9		Cu. NE		Cu.		Cu.		Cu.		Cu.
10	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.
11	Ci.-S.	Cu. NEbyE	Ci.	Cu. NEbyE	Ci.-S.	Cu. NEbyE	Ci.	Cu.	Ci.	Cu.
12	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. NE
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
14	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
15		Cu. SE	Ci.-S.	S.-Cu.	A.-Cu. ESE	S.-Cu.	A.-Cu. ESE	Cu.	A.-Cu.	Cu.
16		Cu. SE	A.-Cu. SSE	Cu.		Cu. SE		Cu.		Cu.
17		Cu. SE		Cu.-N. SSE	A.-Cu.	Cu.		Cu.		Cu.
18		Cu.		Cu.		Cu.		Cu. NE	A.-Cu.	Cu.
19		Cu.		Cu. E		Cu. E		Cu.		Cu.
20		Cu. ENE		Cu.		Cu.		Cu.		Cu.
21		Cu. E		Cu. E		Cu. E		Cu. E		Cu. E
22	Ci.-S.	Cu.	Ci.	Cu.-N.		Cu.-N.		Cu.-N. E		Cu.-N. E
23	Ci.	Cu. ENE	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu.
24	Ci.-Cu.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
25		Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. E
26		Cu.-N. E		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.		Cu.-N.
27	A.-Cu.	Cu.-N. EbyS	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
28		Cu.	Ci.	Cu.		Cu. E		Cu.-N. E	Ci.-S.	Cu. E
29	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.
30		Cu.-N. E	Ci.-Cu	Cu.-N. E		Cu.-N. E		Cu.-N.		Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	ESE 1	Calm	E 1	E 1	SE 2.5	E 0.5	ENE 1.5	NNE 2.5	WSW 4	W 5	W 5.5
2	ESE 0.5	ESE 1	ENE 1	ENE .5	Calm	NE .5	NE .5	NNE .5	SW .5	WNW 3.5	WNW 4.5	WNW 4
3	NE 1	NE .5	E 1	E 1	NNE .5	Calm	Calm	S .5	NE 1	WNW 4.5	WNW 5	W 5
4	ESE 2	E 1	ESE 1	ENE 1	ENE 1	NE .5	NE 1	N .5	NE .5	NW 5	W 7	WSW 6
5	ESE 2	ESE 1.5	ENE 1	NE 1	NE 1	Calm	Calm	W .5	W 2.5	WNW 4.5	WNW 4	WSW 4
6	ESE 1.5	ESE 1	E 1.5	E 1	NE 1.5	Calm	Calm	Calm	W .5	W 2	WNW 3.5	SW 2
7	E 1	ENE .5	Calm	Calm	Calm	NEbyN 1.5	NE 1.5	N 1	WSW 2	WSW 2.5	WNW 4	WSW 4
8	SE 1.5	ESE 1.5	SE 1	SE 1	SE 1	Calm	ENE 1	Calm	WSW 1.5	WNW 4	WNW 1.5	W 2
9	ESE 1.5	ESE 1.5	ESE 1.5	ENE 1	E 1.5	Calm	E .5	E 2	NE 1	SW 4.5	WSW 4	WSW 4.5
10	Calm	ESE 1.5	ESE 1.5	E 1.5	Calm	Calm	Calm	Calm	W .5	W 1.5	W 1	WbyS 4.5
11	NE 1	ENE 1.5	ENE 1	Calm	Calm	Calm	Calm	W 2	SW 2	SW 3	WSW 5	WSW 4.5
12	NNW 1	NNE 1.5	E 1.5	E 1	Calm	Calm	Calm	Calm	W 2.5	W 5	WSW 5.5	W 6
13	SE .5	Calm	ESE .5	Calm	Calm	Calm	Calm	SSW 1	W 2	WSW 2.5	W 5.5	WSW 4.5
14	ESE 1	ESE 1	ESE 1.5	ENE 1	ENE 1	E .5	Calm	Calm	W 2	NW 1	WNW 1.5	WNW 1.5
15	NNW 3.5	N 3	N 2	N 2.5	NNE 2	Calm	NNE .5	Calm	SW 1	SE 4	SE 2.5	SE 2
16	SE 1	SE 1	ESE 1	ESE 1.5	ENE 2.5	ENE 1.5	NE 1.5	ENE 1	NE .5	NE .5	WSW 6	WNW 3
17	ESE 1.5	Calm	ESE 1	ENE 1	NE 1	ENE .5	Calm	ESE 1	E 1	ESE 1	WNW 3	W 3.5
18	SE 1	Calm	ESE 1.5	ESE 1	ENE 1	ENE .5	EbyS 2	E .5	ENE .5	NW 3	WNW 4.5	WbyS 3.5
19	SE 2	SE 1.5	SE 2	ESE 1.5	ESE 1	Calm	Calm	E .5	E .5	W 2	W 2.5	WSW 3
20	ESE 1.5	ESE 1	ESE 1	ENE 1	ESE 1.5	ENE .5	NNE 1	ENE 2	NE .5	WSW 1	W 3.5	W 3
21	ESE 1.5	SE 1.5	SE 1	ESE 1.5	NNE 1	NNE .5	NE 1.5	NNW 1.5	WSW 2.5	WSW 2	W 5	W 3.5
22	Calm	W 1	SW 1	S 1	NE 1	NNE .5	ENE .5	W .5	WbyS 1	WNW 4	WNW 4.5	WSW 3.5
23	ENE 1	Calm	Calm	Calm	Calm	Calm	ENE 1	NE 1	NE 4	E 4	E 4.5	SE 4.5
24	Calm	Calm	Calm	NNE 1	Calm	Calm	NE .5	ENE .5	SW 1.5	SE .5	SE 1	ENE 3.5
25	ESE 1	Calm	NNE .5	Calm	Calm	Calm	Calm	Calm	W 1.5	NW 3	WNW 3.5	SE 3.5
26	ENE 1.5	NE 1.5	N 1.5	NE 2	NE 1	Calm	NE .5	Calm	WSW 2	W 1.5	WbyS 3	W 4
27	N 2.5	NNE 1.5	NE 1	E .5	E .5	NNW .5	NNE 3	N 1	Calm	SW 1	E 3	SE 3.5
28	NNE 1	Calm	Calm	NNE 1	NNE 1	NNE 2	NNE 3	Calm	ENE .5	WSW 4.5	WbyS 2.5	ESE 2.5
29	ESE 1.5	E 1.5	NNE 1	NNE 1.5	E 1.5	Calm	Calm	Calm	W 1.5	W 4	WNW 2	NW 4.5
30	NNE 1.5	NE 1	NE 1.5	Calm	Calm	Calm	Calm	N .5	W 3.5	WNW 3	W 4.5	WNW 3
Mean	1.2	1	1	0.9	0.8	0.4	0.7	0.6	1.4	2.9	3.8	3.7

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 5.5	NE 1	ENE 2.5	ESE 3.5	E 8	EbyN 4	E 0.5	ENE 2.5	E 1.5	ESE 1.5	ESE 1.5	ESE 1.5	2.4
2	W 3.5	W 4	WNW 3	Calm	ESE 3.5	E 5	E 5	ESE 2	SE 2.5	ESE 1.5	SE 1.5	ESE .5	2
3	W 4	WSW 5.5	WNW 3.5	WbyN 2	ESE 2	ESE 4	ESE 3	ESE 2	SE 2	ESE 2.5	ESE 2.5	ESE 2	2.3
4	W 3.5	SE 2.5	ENE 1.5	NE 2	ESE 3	ESE 2.5	ESE 3	ESE 3.5	ESE 3.5	ESE 3.5	ESE 1.5	ESE 2	2.4
5	WbyN 4	SE 6.5	SSE 4	SE 5	E 3.5	E 1	ESE 2.5	ESE 2.5	SE 2	SE 2.5	SE 1.5	ESE 2	2.5
6	W 3.5	SSE 4	SE 6	SE 7	SE 6.5	SE 6	SE 5	SE 3	SE 3	SE 2.5	ESE 2	SE 1.5	2.7
7	WSW 4	WSW 2.5	SSE 4	SSE 5	SE 5	SE 4	SE 3.5	SE 3.5	SE 4.5	SE 3.5	SE 1.5	SE 1	2.5
8	SE 7	SSE 7	SSE 6.5	SE 6	SE 6	SE 5.5	ESE 3.5	SE 3.5	E 2.5	SE 3.5	ESE 2	ESE 1.5	2.9
9	WSW 3	SW 3.5	SSW 1	S 4	SSE 4	SSE 4	ESE 4	SSW 4.5	S 3.5	SSE 3.5	ESE 2	ESE 1.5	2.6
10	W 4	WSW 5	WSW 4	SW 2.5	SW 4	SSW 4	S 4.5	S 2	S 1.5	SSE 1.5	SSE 2	SE .5	2
11	WSW 4	WSW 4.5	WNW 1	WNW .5	WNW 1	NE 3.5	ESE 2.5	ESE 2.5	SE 3.5	SE 2	NW 1	Calm	1.9
12	WSW 2	WSW 6	W 6	WSW 3	WSW 4.5	SW 4.5	S 3.5	S 3.5	SSE 2.5	SE 2.5	SSE 1.5	SE 1.5	2.7
13	WSW 4.5	WSW 4.5	WSW 5	WSW 8.5	SW 5	WSW 5.5	SW 4	SSW 6.5	SSW 3.5	SE 1	SE 2	FSE 1.5	2.8
14	WNW 4	WNW 3.5	WSW 3.5	WSW 4	SW 4	SW 3.5	SW 4.5	SSW 8.5	SW 2	SSW 2	WNW 2	N 2	2.1
15	ESE 5.5	SSE 4	SE 4	SE 3.5	SE 1.5	SE 2	SE 3.5	SE 3.5	ESE 2	SE 2	SE 2.5	SE 1.5	2.4
16	WNW 2	NW 1	W 1.5	SW 1	SE 3	SE 3	SE 1.5	SE 2	SE 2	SE 1.5	SE 1.5	SE 1.5	1.8
17	W 3.5	WNW 1	ESE 1.5	SSE 6	SE 1.5	SE 2	ESE 2	SE 3.5	SE 3	ESE 1.5	ESE 2	ESE 1	1.8
18	W 1.5	SE 6.5	SSE 6	SE 5	SE 6	SE 2.5	SE 3	ESE 3.5	SE 3	SE 3.5	SE 2.5	SE 2	2.7
19	NNE 2.5	Calm	E 4	E 2	E 5.5	ESE 2	ESE 2	ESE 2.5	SE 2	SE 1.5	SE 1.5	ESE 1.5	1.8
20	W 2.5	SE 3	S 3.5	SE 5	SE 3	SE 1.5	ESE 1	ESE 2	SE 2	ESE 2.5	ESE 2.5	ESE 1.5	2
21	SSE 8	SE 7.5	SE 5	SSE 2	SE 4	SE .5	ESE 2.5	SE 2.5	SE 1.5	SE 1.5	SE 1	Calm	2.5
22	WSW 3	W 2.5	WSW 2	S 1	SW 3	SSW 2	SSW 2	SW 2	SE 4.5	E 2	NNE 1.5	NE 1.5	1.9
23	SE 5.5	E 4	SSE 7.5	SE 5.5	ESE 5	E 2.5	E 3	ESE 1.5	ESE 2.5	ESE 2	ESE 1	Calm	2.5
24	ENE 4	E 8	E 6	E 5	E 4.5	E 3.5	ESE 3.5	ESE 1.5	Calm	Calm	Calm	ESE 1	1.9
25	NW 3.5	ENE 1	NW 2.5	NW 1	ESE 1.5	SE 2	EbyN 2	Calm	N 1	ESE 1	ESE 3	SE 2.5	1.4
26	W 2.5	NE 4	E 3.5	ENE 2.5	ESE 3	E 1.5	ESE 1	ESE 2.5	ESE 2	Calm	NNE 1.5	NW 2.5	1.9
27	SE 3.5	NNW 6	WbyN 2	W 2	WNW .5	NE .5	NNE 1.5	NNW 2.5	NE 1.5	W 1	NNW 2.5	NNE 1.5	1.8
28	ESE 5	SE 7.5	ESE 2.5	SE 8	ESE 10	ESE 3	ESE 2.5	ESE 1.5	ESE 1.5	ESE 1.5	ESE 2.5	ESE 1.5	2.7
29	WNW 4	NW 3.5	W 3	S 1.5	SE 5	SE 4.5	SE 3	SE 2	E 1.5	SE 2	ESE 2	NE 2	2.2
30	SE 6.5	E 9.5	ESE 5.5	SE 6	SE 5	SE 4	E 1.5	E 1.5	E 1.5	ESE 1.5	ESE 2.5	SSE 1.5	2.7
Mean	4	4.3	3.7	3.7	4.1	3.1	2.8	2.6	2.3	2	1.8	1.4	2.3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2.5	1.5	1	2.5	4.5	8	5.5	6.5	8.5	5.5	15	14
2	3	3	3	2	1	2	3	4	0	6	17	15
3	3.5	2	1.5	2.5	2	1.5	0	1	3.5	7.5	13	18
4	8	6	3	4	3	4	4	3	5	9	22.5	15.5
5	8	6.5	4	2.5	4	3	3	1	7	12	16	13
6	7	4	5	5	4	6	1	3	4	10	16	14
7	5	3	0	2	2	3	4	4	4	12	17	12
8	4	6	3	3	3	3	3	5	5	9	16	13
9	4	5	5.5	5.5	4.5	4.5	4	4	5	3	11	14
10	6	4	6	4	5	1	2	1	5	9	13	13
11	3	2.5	4	3	1.5	2	3	4	7	7	11	16
12	4	5	5	4	1	1	1	0	3	12	15.5	18
13	3.5	3.5	2.5	1.5	2	1	1	1	5	10	15	18
14	3.5	1.5	4	4	5	3	4	1	4	8	12	16
15	6.5	4	4	5	5.5	5.5	.5	0	1.5	9	14	13
16	5	4	2	3	4	7	7	10	4	2	1.5	13.5
17	4.5	3	2	3.5	3	4	3.5	1.5	6	4	10	13
18	5	1	4	5	3	4	4	6	4	8	15	15.5
19	6.5	6.5	4	4	3	3.5	2	2.5	4	9	14	13
20	6	4	3	5	4	6	4	6	10	4	14.5	18.5
21	5.5	7	2.5	4	3.5	4	4	3.5	2	11.5	18	16
22	1	2	2	2	4	4	4	2	7	8	16	13
23	2.5	0	0	0	0	.5	1.5	3	12.5	11	16	14
24	0	0	1	0	1	1	3	2.5	1.5	8	9.5	8.5
25	2	0	1.5	1.5	1.5	1.5	1	1	7.5	9	13.5	11
26	8	6	3	4	4	4	3.5	.5	1	9	14	15
27	8	5	1	0	0	0	3	7.5	3.5	2.5	10.5	14
28	.5	.5	0	.5	1	3.5	5	3	2.5	5.5	10	12
29	5	5	4	4	6	5	2	2	4.5	8.5	16	13
30	1.5	.5	1.5	1	0	.5	0	0	3	11	11	12
Mean	4.4	3.4	2.8	2.9	2.9	3.2	2.9	3	4.7	8	13.8	14.2

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	9	8	4	4	8	7	7	8	7	4	3	1	5.8	7 45
2	1	1	1	3	3	4	6	6	7	5	7	1	3.8	7 40
3	1	0	0	1	1	1	3	5	4	7	3	3	2.4	8 45
4	1	3	6	5	5	5	7	5	6	8	4	2	4.8	7 25
5	1	0	4	3	2	3	4	5	4	5	3	1	2.9	8 05
6	0	0	0	1	1	2	5	3	4	3	3	3	2.1	10 00
7	3	2	3	4	4	4	3	3	3	2	2	3	3	10 50
8	0	0	0	2	3	5	3	2	2	1	2	4	2	11 00
9	6	3	4	3	4	2	2	1	2	2	1	1	2.6	8 30
10	1	2	1	2	2	2	3	1	1	0	0	1	1.3	9 15
11	5	2	2	5	4	5	6	7	7	7	7	6	5.2	8 00
12	7	10	10	9	8	9	10	8	8	8	8	9	8.7	2 50
13	6	8	8	8	9	9	9	10	10	9	10	9	8.8	4 40
14	10	9	7	4	5	5	6	5	4	4	5	5	5.8	5 50
15	10	10	10	10	10	10	10	10	10	9	8	8	9.6	1 05
16	10	10	10	9	10	10	10	8	5	4	3	3	7.7	2 20
17	7	6	4	5	9	8	8	6	6	4	2	1	5.5	5 35
18	3	2	2	3	4	4	7	4	4	6	5	4	4	9 15
19	0	0	0	3	3	3	4	5	4	1	1	0	2	10 20
20	0	1	1	2	2	3	3	1	1	1	1	0	1.3	10 20
21	0	0	0	2	2	2	2	2	3	3	4	4	2	9 40
22	4	7	9	8	7	8	8	7	5	8	8	6	7.1	6 55
23	2	2	4	5	5	6	6	5	4	4	4	4	4.2	11 05
24	4	4	5	7	7	7	7	7	7	7	8	5	6.2	5 45
25	3	1	2	8	8	8	9	9	9	8	8	8.	6.8	6 10
26	3	4	7	8	8	8	7	10	7	6	8	9	7.1	8 30
27	10	10	9	9	8	8	8	8	9	7	9	10	8.8	4 20
28	6	5	3	5	8	5	4	4	3	4	4	5	4.7	9 20
29	1	6	6	4	3	4	3	1	1	2	2	1	2.8	11 10
30	0	0	1	9	9	8	6	4	3	3	2	3	4	9 55
Total														232 20
Mean	3.8	3.9	4.1	5	5.4	5.5	5.9	5.3	5	4.7	4.5	4	4.8	7 45

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
15	11	16	19	18	14	11	7	6	7	6	7	8.8
15.5	15.5	13	8	8.5	14.5	16	11.5	9.5	5.5	5	4	7.7
17	15	18	12	9	11	16	10	7	9	8	9	8.2
14	14	5	11	11	13.5	10.5	13	12.5	10.5	8.5	6.5	9
14	11	20	12	17	12	9	9	8	8	8	6	8.9
12	15	20	24	22	19	15	14	11	9	7	6	10.5
14	10	16	12	18	15	15	14	14	12	8	4	9.2
14	17	19	17	20	15	15.5	13.5	10	11	7.5	5.5	9.9
14	14	11	9	12	11	9	15	15	15	10	6	8.8
13	11.5	14.5	8	11	11	15	12.5	4.5	6	6	3	7.7
15	15	10	10	10	10	10	10	13	11	5	2	7.7
17	14	14.5	12.5	14.5	15	12.5	17	14	10	7	4	9.2
16	16	22	28	24	24	20.6	22.5	18	9	4	5	11.4
16	16	15	16	19	18	20	15	9.5	5.5	9	2.5	9.5
11	14	17	16	14	12	12	13	8	6	6	8	8.6
9.5	3.5	4	9.5	8.5	18	14	9.5	6	6.5	6	6	6.8
16	9	9	14	17	12	15	12	12	7	6	6	8
13	17.5	18	23	21	16	9	10	12	10	9	7	10
11	10	9	16	15	12	11	11	8	6	4	5	7.9
17.5	8.5	18.5	20.5	21	17	13.5	8	8	11.5	7	6.5	10.1
16	19	20	15	11	11	8	7	6	5	4	2	8.6
14	9	9	4	10.5	18	11	8	7.5	12	5	4	7.4
19	17	20	20	22	16	11	7	4	3	3	0	8.5
12	16	17	18.5	13.5	13	9	6	4.5	1	.5	2	6.2
15	8	4	14	7	12	7	3	0	0	6	8	5.6
14.5	13.5	6.5	9.5	8	10.5	8.5	7	7	6	3.5	6.5	7.2
13	10	14	11	5	5	5	5	5	3.5	5.5	4	5.9
15	20	22	19	23	17	8	7	4	5	8	8	8.3
16	14	12	6	16	18	14	10.5	7.5	7	7	6	8.7
11	18	23.5	16.5	21	15	12	7	5.5	6.5	7	7	8
14.3	13.4	14.6	14.4	14.9	14.2	12.1	10.5	8.6	7.5	6.2	5.2	8.4

AMOUNT OF CLOUDS (0–10).

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	1	3	7	5	1					1	3				2	212	5.4	
2		1	2	2	2	5	2	1			1		2	4			2	185.5	6.9	
3		1	3		2	7	1		1			1	2	4			2	197	7.8	
4	1		4	3	1	10	1					1	2		1			217	5.5	
5			2	1	2	5	5	1				1	2	3			2	214	5.9	
6			1		2	3	9	1			1		3	1			3	253	6.2	
7	1		2	1	1		8	2				4	1	1			3	220	6.5	
8				1	1	4	10	2				2		2			2	238	7.5	
9			1	1	3	6		3	2	2	2	3					1	211	6.7	
10					1	2	1	2	3	1	2	2	5				5	185	6.1	
11			2	2		2	2				2	4	1	3	1		5	185	6.3	
12		1			2		2	2	2		1	5	4			1	4	221.5	5.4	
13						2	3			3	2	7	2				5	273	4.5	
14	1			2	1	3				2	4	2	1	5	1		2	227.5	4.7	4.4
15	3	2				2	12	1			1					1	2	205.5	3.7	
16			3	3		2	10				1	1	1	2	1			164	4.2	
17			1	2	1	9	4	1					2	2			2	193	5.3	
18				3	1	4	10	1					2	1	1		1	240	6.1	
19		1			5	6	6					1	2				3	190	6.6	
20		1	1	3		9	5		1			1	3					242.5	7.4	
21		2	1			3	10	2				2	2			1	1	205.5	7.1	
22		2	2	1	1		1		2	2	3	3	4	2			1	177	5.9	
23			2	2	4	5	4	1									6	203	7	
24		1	1	3	5	3	2				1						8	149	6.5	
25	1	1		1	1	4	3						1	1	4		7	135	3.3	4.5
26	1	1	5	2	2	4						1	4		1		3	173	3.9	1.3
27	3	4	2		3		2				1		2	2		4	1	141	4.6	
28		5		1		11	2					1	1				3	200	6.5	
29		2	1		2	2	6		1				3	2	2		3	209	7.5	
30	1	1	2		4	3	4	1					2	2			4	192	6.9	
Total	12	27	39	37	54	121	126	21	12	10	22	43	57	37	12	7	83	6,059	177.9	10.2
Mean	0.4	0.9	1.3	1.2	1.8	4	4.2	0.7	0.4	0.3	0.7	1.4	1.9	1.2	0.4	0.2	2.8	202	5.9	0.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	761.35	8.30a.	33.1	3.20p.	92	18.9	757.95	3.55p.	21.8	4.30a.	45	16
2	60.90	8.00a.	33.2	3.20p.	93	18.5	57.35	3.30p.	19.4	5.30a.	50	15.9
3	60.25	8.15a.	33.6	2.05p.	94	18.3	56.93	4.00p.	19.6	5.50a.	48	15.1
4	60.65	8.30a.	32.1	2.05p.	90	18.5	57.73	3.00p.	20	5.40a.	52.5	16
5	60.70	8.40a.	33.6	3.05p.	92	18.7	57.40	4.00p.	19.6	5.45a.	46	14.9
6	59.85	9.05a.	32.7	2.00p.	90	18.5	56.40	4.05p.	18.3	5.55a.	49	14.5
7	59.51	8.00a.	33.8	2.50p.	91	20.3	55.34	4.00p.	21.1	6.20a.	48	17.3
8	59.45	8.25a.	34.1	1.10p.	89	19.4	56.11	4.00p.	21.8	6.05a.	49	17.5
9	60.10	8.30a.	33.4	4.05p.	88	18.9	56.52	4.00p.	22.3	4.10a.	43	15.9
10	60.55	9.00a.	33.7	4.05p.	90	19.5	56.61	4.00p.	19.6	5.55a.	44	15.7
11	59.84	9.00a.	33.8	3.55p.	90	20.2	56.10	3.55p.	21.8	5.55a.	51	16.5
12	58.95	8.30a.	32.3	2.55p.	89	20.9	55.09	4.00p.	22.1	5.50a.	56	17.8
13	57.80	10.30p.	32	1.40p.	92	21.7	54.90	4.30p.	21.6	5.50a	60	17.8
14	58.55	9.15a.	32.1	0.55p	92	21.7	55.03	4.00p.	22.6	5.45a.	60	19.5
15	59.25	9.25a.	30.2	2.40p.	86	21.6	56.53	4.00p.	24.5	9.45p.	66	19.1
16	60.05	8.35a.	31.7	3.55p.	88	20.9	56.95	4.20p.	23.9	6.15a.	62	18.8
17	60.65	9.00a.	32.6	2.35p.	89	19.5	57.50	4.05p.	22.8	5.20a.	56	18.3
18	61.60	11.00p.	32.9	2.10p.	90	18.7	58.75	3.45p.	21.6	5.55a.	52	17.4
19	62.05	9.00a.	34.5	2.30p.	90	17.7	58.70	3.15p.	20.4	5.40a.	42	15.4
20	62.20	8.15a.	34.2	1.55p.	85	17.7	59	3.00p.	20.8	5.25a.	42	15.6
21	61.64	8.00a.	34	2.20p.	98	17.9	58.60	4.25p.	19.7	5.45a.	44	16.2
22	60.60	8.05a.	34.6	3.10p.	88	20.4	57.20	2.50p.	20.8	5.50a.	49	16.5
23	61.70	11.00p.	35.4	2.45p.	97	20.7	57.65	3.45p.	22.2	5.20a.	43	17.2
24	62.05	10.55p.	34.8	2.05p.	90	20.6	59.20	3.40p.	22.7	5.45a.	48	18.4
25	61.90	8.30a.	33.4	11.55a.	91	22.5	58.55	4.10p.	23.3	5.30a.	55	19.6
26	60.29	9.00a.	32.8	1.20p.	95	22.7	57.20	4.40p.	22.1	5.45a.	60	19
27	59.85	0.05a.	34.4	1.20p.	96	21.5	55.85	4.25p.	23.3	4.45a.	59.5	20.4
28	59.50	10.25p.	34.6	1.45p.	91	21.2	55.75	3.40p.	23.6	3.50a.	47	17.3
29	60.10	9.00a.	34.6	3.50p.	87	18.7	57.30	4.30p.	21.5	5.40a.	46	16.5
30	60.55	8.45a.	34.8	3.40p.	87	19.3	57.49	4.00p.	21.4	5.50a.	44	16.5
Mean.	760.41	-------	33.4	-------	90.7	19.9	757.06	-------	21.5	-------	50.6	17.1

DAILY GENERAL REMARKS.

1---d° in the morning; somewhat gusty Ely winds in the afternoon.
2---☊ in the morning.
3---Fair weather.
4---☊° early in the morning.
5---Fair weather.
6---Somewhat gusty SE winds in the afternoon.
7---Fair weather.
8---Somewhat gusty SEly winds in the afternoon.
9---Fair weather.
10---☊° early in the morning.
11---⊕ and convergence of Ci. toward ESE in the afternoon.
12---⊕ at noon.
13---⊕, somewhat gusty WSW winds in the afternoon.
14---☊° early in the morning; ⊕° in the afternoon; ●° at night.
15---d° in the morning.
16---Overcast.
17---Cloudy weather.
18---☊° early in the morning; somewhat gusty SEly winds in the afternoon.
19---☊° early in the morning.
20---Fair weather.
21---☊² early in the morning; somewhat gusty SEly winds in the afternoon.
22---◹ NE, ⌒ in the afternoon.
23---Somewhat gusty SEly winds in the afternoon; ∪ at night.
24---Somewhat gusty Ely winds in the afternoon.
25---●°, ◹ NE and NW quadrants in the afternoon.
26---p°, ◹² NE quadt. in the afternoon; ◺ NW in the evening.
27---◹² N in the afternoon; ◺² N, SW at night.
28---Gusty SEly winds in the afternoon.
29---Fair weather.
30---Gusty Ely winds in the afternoon.

OBSERVATIONS FOR MAY, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.55	59.40	59.40	59	59.15	59.36	59.75	**60.18**	60.13	60	59.70	59.49
2	58.70	58.45	58.45	58.40	58.60	58.84	59.04	59.29	**59.52**	59.33	58.61	57.98
3	58.45	58.45	58.25	58.50	58.50	58.89	59.24	59.42	**59.57**	59.38	58.91	58.46
4	58.95	58.80	58.70	58.65	59.10	59.63	60.24	60.35	60.36	60.30	59.60	59.10
5	60.05	59.80	59.65	59.55	59.70	59.87	60.15	60.48	**60.53**	60.27	59.77	58.97
6	59.15	58.80	58.35	58.40	58.60	58.94	59.20	**59.67**	59.55	59.46	58.90	58.31
7	58.70	58.15	57.95	58	58.20	58.60	59.23	59.32	**59.48**	59.17	58.66	57.84
8	57.45	56.80	56.80	56.75	56.80	56.98	57.62	**58.18**	58.06	57.81	57.56	56.90
9	56.95	56.45	56.20	56.35	56.45	56.58	57.07	57.61	57.81	57.61	57.08	56.57
10	58.05	57.30	57.20	57.25	57.45	57.74	58.07	58.24	58.54	58.38	58.35	57.87
11	58.95	58.30	58.15	58.20	58.55	58.74	59.23	59.58	**59.67**	59.54	59.07	58.73
12	58.50	.58	57.85	58	58.45	58.74	59.24	**59.60**	59.57	59.41	59.31	58.99
13	58.25	**57.80**	57.85	57.90	57.90	58.36	58.96	59.43	59.72	59.62	59.38	59.17
14	59.80	59.35	59.20	59.15	59.50	59.74	60.13	60.18	60.10	60.11	59.84	59.18
15	60	59.85	59.85	60	60.05	60.44	**60.69**	60.67	60.41	60.22	59.62	59.19
16	59.35	58.95	58.85	58.95	59.15	59.45	59.49	**59.60**	59.38	59.02	58.57	57.96
17	57.60	57.25	57.15	57.05	57.20	57.63	58.05	58.19	58.08	57.87	57.46	57.09
18	58.10	57.60	57.25	57.15	57.45	57.52	58.07	58.62	58.67	58.77	58.34	57.68
19	58.50	58.15	58.15	58.45	58.30	58.44	58.84	59	59.01	58.63	58.27	57.64
20	59	58.60	58.25	58.15	58.30	58.55	58.97	59.10	**59.26**	59.07	58.49	57.93
21	57.85	57.60	57.25	57.30	57.50	58.04	58.40	58.60	58.72	58.61	58.29	57.83
22	58.50	58.15	57.90	57.90	58.05	58.29	58.70	58.78	58.96	**59.11**	58.78	58.26
23	58.60	58.30	57.80	57.95	58.15	58.51	58.91	59.16	**59.21**	58.97	58.45	57.82
24	57.75	57.20	57.15	57.10	57.25	57.59	58.29	58.49	**58.57**	58.07	57.55	57.01
25	57.10	56.95	56.70	56.80	56.90	57.28	58.02	58.52	**58.81**	58.49	58.05	57.55
26	58.05	57.20	**56.55**	56.65	56.75	57.22	58.02	58.24	58.42	58.52	58.12	57.97
27	58.15	57.80	57.65	57.70	58.15	58.47	58.82	59.04	59.13	59.03	58.72	58.47
28	58.55	58.25	58.15	58.05	58.45	58.57	59.07	59.13	59.33	**59.86**	58.99	58.79
29	58.50	57.85	57.75	57.70	57.80	58.31	58.61	58.58	58.69	58.48	58.47	57.95
30	59.70	59.35	59	58.95	59.15	59.70	59.89	**60.06**	59.89	59.76	59.22	58.55
31	59.90	59.70	59.40	59.45	59.30	59.47	59.22	58.92	59.14	59.07	58.99	58.78
Mean	58.60	58.21	58.03	58.05	58.22	58.53	58.94	59.17	**59.24**	59.08	58.68	58.19

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.9	22.3	22	21.6	21.1	**21**	24.8	28.2	29	29.8	30.8	31.4
2	24.6	24	23.7	23.3	23	**22.7**	25.7	28.6	30	29.6	30.8	31.7
3	24.7	23.6	23.7	23.4	23.1	**22.5**	25.3	28.5	30.5	29.8	29.6	30
4	24.7	24.2	23.4	**23.1**	**23.1**	23.4	26.3	28	30.6	31.9	32.6	33.3
5	24.9	24.5	24.3	24	**23.5**	**23.5**	26.7	28.8	29	30.5	31	30.9
6	25.2	24.3	23.7	**23.4**	23.5	23.6	26.4	30.3	31.2	32.7	30.8	30.6
7	23.8	23.2	23.6	22.9	**22.2**	22.3	25.8	28.5	29.3	**29.4**	30.6	31.1
8	25.5	24.8	24.3	23.8	**23.4**	**23.4**	26.8	28.7	29.6	30.6	31.1	31
9	26.3	25.6	24.9	24.9	24.4	24.3	25.9	28.4	29.7	30.9	32.8	**32.4**
10	24.3	24.3	**24.2**	24.5	24.4	24.3	26	29	29.7	31.7	32.2	33.2
11	24.7	24.4	24.3	24	**23.9**	**23.9**	26.5	29	30.3	28.4	31.3	31.6
12	23.9	23.3	23.1	22.7	**22.6**	22.7	25.2	28	30.5	30.8	30.5	**31.3**
13	23.8	23.6	23.3	23.2	**23**	23.2	25.1	26.7	28	28.8	**30.2**	29.8
14	25.8	25.8	25.6	**25.4**	25.5	25.7	26.7	27.5	28.9	29.3	**29.8**	33.1
15	25.1	24.4	23.7	23.4	**22.9**	23.2	24.7	28.4	31.1	31.5	**32.6**	**30**
16	25	24.5	24.2	23.6	**23.5**	**23.5**	25.8	28.5	28.9	29.7	30.7	31.1
17	25.3	24.6	23.4	22.6	**22.3**	**22.3**	25.9	28.8	29.8	30.1	30.4	31
18	25.6	25.3	25	24.5	**24.2**	**24.2**	26.3	27.3	28.9	29	30.1	31.9
19	24.9	24.8	24.5	24.2	23.9	**23.7**	27.1	30.2	31.5	31.2	30.9	33.3
20	25.6	25.1	24.6	24	23.7	**23.5**	26.2	29	29.6	29.8	31.6	32.5
21	24.1	23.5	22.9	22.6	**22.1**	22.2	25.2	28.8	30.1	29.9	30.8	31.9
22	25.9	25.2	24.7	24	23.6	**23.5**	26.8	29.2	31.2	31.5	31.8	32.2
23	26.1	25.6	**25.2**	25.5	25.6	25.5	27.3	30	29.6	31	31.5	32.6
24	25.9	25.3	**25.1**	25.4	25.6	25.4	26.5	30.5	26.5	31.2	31.3	31.6
25	24.9	24.7	24.5	**24.4**	**24.4**	24.9	26.3	28.5	29.7	31.3	31.6	31.9
26	26	25.6	25.1	25	**24.8**	25.1	28	30	30.9	31.6	**31.8**	29.3
27	26.4	26.5	26.5	**25.9**	**25.9**	**25.9**	26.1	26.6	30.1	30.9	31	**31.3**
28	26	25.7	24.9	**24.8**	25	25.2	26.9	29	30.3	30.4	30.5	30.8
29	26.2	26.1	26.2	25.9	**25.8**	26	27.1	29.8	30.6	31.2	31.4	31.9
30	25.5	24.9	24.7	**24.4**	**24.4**	24.5	26.2	29	29.9	30.4	31.6	31.8
31	24.9	25	24.6	**24.2**	24.5	25.2	27.1	29.5	31.1	30.9	30.4	31.3
Mean	25.1	24.7	24.3	24	**23.8**	23.9	26.2	28.8	29.9	30.5	31.1	31.5

ATMOSPHERIC PRESSURE, 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.41	57.65	56.97	**56.54**	56.91	57.30	57.90	58.45	58.95	59.35	59.25	58.80	58.82
57.42	57.02	56.62	**56.44**	56.61	57.19	57.86	58.15	58.40	58.75	58.65	58.70	58.21
57.92	57.87	57.33	57.37	**57.29**	57.81	58.56	59.10	59.35	59.55	59.55	59.10	58.62
58.19	57.51	57.31	**57.02**	57.18	58.01	58.51	59.30	59.95	60.35	**60.55**	60.20	59.08
58.10	57.65	**57.48**	57.54	57.64	58.34	58.95	59.25	59.85	59.95	59.85	59.35	59.28
57.36	56.76	56.54	**56.41**	56.57	57.35	57.87	58.50	58.75	59.35	59.35	59.15	58.39
56.96	56.15	55.74	55.61	**55.57**	56.24	56.82	57.30	57.55	57.95	58.10	58	57.72
55.94	55.36	**54.93**	54.95	55.08	55.64	56.05	57	57.30	57.45	57.75	57.40	**56.77**
55.97	55.18	**54.98**	55.14	55.37	56.27	56.85	57.50	58.35	59	**59.15**	58.75	56.88
57.38	**57.19**	57.37	57.52	57.73	57.64	58.01	58.50	59.20	**59.65**	59.50	59.20	58.06
58.05	57.27	56.94	**56.65**	56.99	57.74	58.13	58.65	58.95	59.50	59.30	58.95	58.49
58.57	58.42	58.07	57.76	**57.72**	57.89	58.30	58.40	58.65	58.80	58.80	58.50	58.56
58.78	58.22	58.08	57.82	58.01	58.49	58.97	59.45	59.85	60.10	**60.20**	59.85	58.84
58.80	58.32	**58.04**	58.10	58.25	58.82	58.91	59.45	60	**60.45**	60.35	60.20	**59.42**
58.61	57.81	57.25	**57.22**	57.40	57.85	58.33	58.90	59.20	59.75	59.75	59.65	59.28
57.16	56.55	55.89	**55.53**	55.68	56.40	57.11	57.45	57.80	58.25	58.15	58	58.03
56.37	55.96	55.49	**55.34**	55.50	56.59	57.11	57.65	58.05	58.65	**58.85**	58.45	57.28
57.07	**56.40**	56.48	56.41	56.56	57.19	57.74	58.20	58.80	**58.95**	58.85	58.75	57.78
56.93	56.21	**55.83**	55.99	55.99	56.77	57.15	57.85	58.10	58.80	**59.55**	59.30	57.91
57.47	56.77	56.21	**55.89**	56.13	56.50	56.86	57.50	58.05	58.30	58.50	58.15	57.92
57.07	56.30	55.88	**55.74**	55.93	56.44	57.06	57.70	58.20	58.55	**58.90**	58.75	57.60
57.60	56.86	56.43	**56.25**	56.50	56.89	57.15	57.90	58.45	58.90	59.10	58.95	58.02
57.22	56.45	55.74	**55.67**	55.72	55.85	56.27	57.15	57.75	58	58.20	58.05	57.66
56.54	55.99	55.60	**55.43**	55.50	55.85	56.06	56.75	57.20	57.65	57.65	57.45	57.07
56.95	56.32	55.79	55.50	**55.45**	55.97	56.58	57.35	58	58.45	58.50	58.30	57.26
57.81	57.27	56.88	56.77	57.37	57.63	58.05	58.10	58.40	**58.95**	58.90	58.65	57.77
57.85	57.25	**57.22**	57.32	57.44	57.85	58.32	58.70	**59.20**	59.10	59.15	58.75	58.30
57.97	57.46	56.86	56.91	56.92	**56.81**	57.11	57.70	58.20	58.60	58.90	58.75	58.20
57.14	57.01	**57**	57.16	57.56	57.79	58.40	59.15	59.60	59.55	**60.05**	60	58.30
58.14	57.65	57.04	**56.76**	57.24	57.82	58.50	58.85	59.70	59.95	59.55	59.60	58.92
58.17	57.54	57.14	57.03	**57.01**	57.58	58.40	58.95	59.60	60.10	**60.30**	60	58.88
57.55	56.98	56.62	**56.51**	56.67	57.18	57.67	58.22	58.69	59.05	59.14	58.89	58.17

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
32.5	33.3	33.5	**33.7**	32	30	28.2	27.7	27	26.6	26	25.3	27.5
30.8	**32.7**	32.2	32.3	31.3	29.1	27.6	26.4	26.1	25.6	25.4	25.4	27.6
31.9	27.6	28.5	31.8	31.7	29.3	27.6	26.9	26.3	25.5	25.7	25.2	27.2
33.4	34	**34.4**	33.8	32.4	30.1	28.3	27.8	27.2	26.5	26.7	25.6	28.5
33.5	**34**	33.8	33.2	32.2	29.8	28.5	27.6	27.2	26.4	26.3	26.1	28.3
33.3	32	**33.7**	32	32.4	30.4	28.9	27.9	27.4	26.3	25.9	24.9	28.4
32.2	32.6	**33.8**	31.5	32	30.5	28.8	27.8	27.4	26.8	26.1	25.3	27.8
34.6	34.4	34.1	33.4	32.2	30.5	29	28.3	27.7	27.4	27	26.7	28.7
34	**34.5**	32.3	30.8	29.9	29.2	28.5	28.3	25.7	24.7	24.2	**24**	28.2
33.6	31.9	28.9	28.7	28.1	27.4	26.9	27	**26**	25.5	25.1	24.8	27.6
31.8	32	**33.3**	31.7	32	29.6	28.6	27.6	27	26.6	26	24.6	28
29.9	28.6	27	27.9	28.2	27.4	26.3	26	25.7	25.4	24.7	24.4	**26.5**
30.1	29.5	28.5	29.8	29.3	28.1	27.5	27.2	26.5	26.3	26.3	26	26.8
32.9	**33.5**	33.3	31.3	31	29.5	28.5	27.4	26.6	26.7	26.1	26	28.4
32.3	32.4	32.1	30.7	29.7	28.5	28	27.5	26.6	26.6	26.3	25.4	27.8
31.3	33.2	**33.4**	33	32.3	30.4	28.8	27.5	26.4	25.5	25.9	26.1	28
31.4	33.2	33	**33.6**	32.9	30.6	27.7	28	26.9	26.2	25.8	25.7	28
30.7	**32**	26.6	31.1	30.8	29.6	28.7	27.9	27.3	26.6	25.7	25.3	27.7
34	33.6	**34.4**	33	32.4	30.4	29.4	28.8	**28.4**	27.6	25.8	25.7	**28.9**
33.1	33.5	**34**	33.2	31.7	29.4	28.7	27.5	27	**26.3**	26.1	24.9	28.4
32.7	33.3	**34.3**	33.8	32.9	30.9	29	28.7	27.8	27.2	26.8	26.4	28.2
32.4	32.6	**33**	31.8	31	29.5	28.7	28.5	28.4	28.1	26.5	26.3	28.6
32.6	32.7	**32.8**	31.5	31.5	29.9	29.2	29	26.9	26.4	26.3	26.1	28.8
32.4	**32.5**	32.1	31.7	31.1	29.1	29.1	29	28.7	27.6	26.2	25.5	28.6
32	31.6	31.9	30.5	30.2	28.9	28.4	28.3	28.4	28.4	28	27.3	28.4
29.4	30.5	29.5	29.2	27.5	27.7	26.6	25.7	25.7	25.7	25.7	**25.6**	27.6
31.1	**31.3**	31.2	29	28.6	28.3	27.8	27.7	27.9	27.8	27.5	26.4	28.2
31.4	31.4	**32**	31.5	30.8	29	28.6	28.3	28.3	28.2	27.8	27.1	28.5
32	31.8	31.4	30.2	29.3	29	28.8	28.5	28.3	27.2	27	26.4	28.7
32	30.8	32.2	**32.3**	31.9	30.2	27.6	25.4	25.5	24.8	24.8	24.6	27.9
32.6	**33.4**	33.1	33.2	32.1	30.6	27.6	25	24.7	24.8	24.5	**•24.2**	28.1
32.2	**32.3**	32.1	31.7	31	29.4	28.3	27.6	27	26.5	26.1	25.6	28.1

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	83	85	86	86	88	87	70	59	57	54	49	52
2	82.5	84	84	85	87	89	76	66	64	66.5	63	59
3	76	84	81	83	83	87	73	62	58	63	64	62
4	83	83	87	89	88	87	76	73	59	55	54	52
5	84	84	85	86	88	88	74	67	67.5	61.5	59	62
6	80	84	86	87	86	86	78	61	52	48	58	60
7	83	85	83	88	91	91	77	67	67	70	63	61
8	80.5	86	87	89	90	90	77	69	67	65	64	61
9	82	85	89	88	88	88	84	72.5	69	65	60	62
10	97	97	97	95	95	96	89	78	72	62	59	58
11	93	95	94	95	95	94	84	74	70	80	65	63
12	88	89	89	92	91	91	80	69	58	62	58	57
13	95	96	97	96	96	95	86	78	77	71	65.5	67
14	84.5	84	83	84	85	84	81	78	71	70	67	53
15	83	87	91	91	94	93	89	72.5	62	62	59	68
16	91	92	92	95	93	92	84	73	71	67	64	64
17	79	81	85	88	88	88	74	62	59	60	59.5	56
18	89	90	89	91	91	92	82	78	74	72	69	64
19	90	89	90	91	92	92	79	66	61	65	68	55
20	89	90	92	95	95	96	84	69	69	65	62	58
21	86	89	92	91	92	91	80	63	64	64	63.5	60
22	80	83	86	87	88	88	77	69	60	56	56	56
23	84	87	89	88	88	89	81	69	71	66	66	61
24	87	90	90	89	88	90	86	68	78	58	60	58
25	93	94	95	95	96	92	86	74	71	58	58	58
26	86	88	89	90	92	91	81	71	66	65	61	74
27	90	90	91	95	96	98	95	93	80	76	73	71
28	90	91	96	95	94	93	84	76	74	72	71	68
29	93	92	92	94	95	95	91	79	74	72	71	67
30	94	95	95	95	96	97	89.5	76	75	72	70	68
31	90	91	92	93	91.5	88	81	73	65	66	71	68
Mean	86.6	88.4	89.5	90.5	91	90.9	81.6	71.1	67.2	64.8	62.9	61.4

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	17.3	17	16.9	16.4	16.4	16.1	16.3	16.7	17	16.7	16.2	17.6
2	18.9	18.6	18.3	18.1	18.1	18.2	18.6	19.3	20.1	20.5	20.8	20.4
3	17.6	18.1	17.7	17.7	17.4	17.6	17.4	17.9	18.7	19.6	19.9	19.7
4	19.1	18.7	18.6	18.6	18.4	18.6	19.4	20.5	19.3	19.3	19.8	19.8
5	19.7	19.2	19.1	19	18.9	18.9	19.2	19.6	20	19.9	19.8	20.5
6	19.2	19	18.8	18.6	18.5	18.7	19.9	19.6	17.5	17.6	19.2	19.5
7	18.2	18	18	18.2	18.1	18.2	19	19.4	20.3	21.2	20.5	20.3
8	19.5	19.9	19.7	19.4	19.3	19.3	20.1	20.1	20.7	21.1	21.4	20.4
9	20.8	20.8	20.9	20.6	20	19.9	20.8	20.8	21.5	21.7	22.2	22.3
10	21.8	21.8	21.8	21.7	21.6	21.6	22.3	23.1	22.3	21.5	21.1	21.8
11	21.5	21.6	21.2	21	20.9	20.7	21.6	22	22.5	22.8	22.1	21.9
12	19.4	18.9	18.6	18.9	18.6	18.7	19.2	19.3	19	20.4	19	19.4
13	20.8	20.7	20.5	20.2	19.9	20	20.4	20.3	21.5	21	20.9	21
14	20.8	20.7	20.2	20.3	20.7	20.7	21.1	21.2	21.1	21.3	21	19.9
15	19.8	19.7	19.7	19.5	19.5	19.7	20.6	20.8	21	21.3	21.5	21.4
16	21.3	21.1	20.7	20.5	20	19.8	20.7	21	20.9	20.8	21	21.4
17	18.9	18.6	18.1	17.9	17.5	17.7	18.4	18.2	18.4	19	19.2	18.8
18	21.8	21.5	21	20.7	20.5	20.7	20.9	21.1	21.9	21.5	22	22.3
19	21	20.7	20.5	20.5	20.3	20.1	21.1	21.1	20.9	21.9	22.5	21
20	21.8	21.3	21.2	21	20.6	20.6	21.2	20.4	21.1	20.3	21.5	21.1
21	19.3	19.1	19.1	18.6	18.2	18.1	19.2	18.6	20.2	20.1	20.9	21.1
22	19.9	19.9	19.8	19.3	19	18.9	20.1	20.7	20.3	19.3	19.7	20.1
23	21.1	21.2	21.2	21.3	21.4	21.7	21.7	21.8	21.9	22.1	22.6	22.2
24	21.6	21.5	21.3	21.5	21.6	21.7	22.2	22.2	20	19.7	20.2	20
25	21.8	21.8	21.7	21.6	21.7	21.6	21.9	21.4	21.9	19.7	20	20.3
26	21.5	21.4	21.1	21.2	21.3	21.5	22.7	22.5	22	22.5	21.4	22.5
27	23.1	23.2	23.4	23.6	23.8	24.2	23.9	24	25.5	25.1	24.5	24.3
28	22.5	22.3	22.4	22.1	22.1	22.2	22.1	22.7	23.6	23.3	23	22.4
29	23.4	23	23.2	23.4	23.5	23.8	24.3	24.5	24	24.3	24.2	23.6
30	22.8	22.2	21.9	21.6	21.7	22	22.6	22.7	23.4	23.3	24.1	23.7
31	21	21.3	21.2	20.9	20.9	21.1	21.6	22.4	21.8	22	22.8	23
Mean	20.6	20.4	20.3	20.1	20	20.1	20.7	20.8	21	21	21.1	21.1

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
52	52	49	47	52	57	63	62	68	72	75.5	79	66
62	55	57	53	52.5	58	64	71	70	73	74	72	69.5
56	73	70.5	54	53	62	70	72	73	79	78	80	70.7
48.5	47	48	48	53	60	68	69	73	76.5	76	81	68.1
51	51	47	50	51	60	64	69	71	75	75	76	68.6
47	50	46	48	48	53.5	59	64	65	73	75	79	65.6
57	57	49	59	57	59	64.5	70	73	76	79	83	71.2
49	49	50	50.6	55	60	69	72	75	76	79	81	70.5
54	49	64	71	73	76	79	80	93	95	98	98	77.6
56	63	76	78	81	84	86	86	89	90	92	93	82
62	59.5	54	57	61	72	71	76	79	79	79	87	76.6
67	83	87	83	79.5	84	87	86	87	88	92	92	80.8
70	74	76	71	72	75	73	74	79.5	80	80	82	80.2
57	54	54	65	61	66	70.5	77	80	77	79	80	72.7
61.5	62	57	63	71	77.5	76	80	83	83	83	89	76.6
61	53	50.5	51	52	58	64	70	76	80	75	75	72.6
55.5	53	52.5	53	53	64	79	77	81	85	88	89	71.2
66	63	86	69	67	68	71	75	79	83	87	89	78.5
51	51	50	58	58	64.5	69	71	72.5	77	90	90	72.5
55	54	50	49	57	67	68	76	77	79	80	87	73.5
56	52	45	46	47.5	56	67.5	69	70.5	74	74.5	78	69.6
56	51	54	63	64	70	73	74	75	78	82.5	85	71.3
61	59.5	61	63	63	71	75	76	81	85	85	86	75.2
59	60.5	66	67	71	76	74	74	76	81	89	91	76.1
57	60	59	62	61	67	70	72	72.5	75	76	80	74.2
75	70	76.5	79	82	79	87	94	94	94	93	94	82.1
71	70	71	79	78	80	80	82	82	81	84	90	83.2
65	66	64	66	70	77	79	80	82	81	84	88	79.4
69	69	71	72	77	79	80	82	82	87	87	88	81.6
64	71	65	65	67	74	79	92	88	92	91	92	81.8
58	51	54	56	62	66	78	93	92	92	92	94	77.4
59	59.1	60	61.1	62.9	68.4	72.8	76.3	78.7	81.2	83	85.4	74.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
18.9	19.8	18.9	18.3	18.4	17.9	18.1	17.2	18.1	18.7	18.8	18.9	17.6
20.5	20.4	20.3	19	17.8	17.3	17.5	18.2	17.7	17.8	17.9	17.4	18.8
19.7	20.1	20.4	18.9	18.4	18.7	19.2	18.9	18.6	19.1	19	19	18.7
18.5	18.4	19.4	18.7	19.1	19.2	19.3	19.2	19.4	19.7	19.8	19.8	19.2
19.7	20	18.5	18.9	18.3	18.6	18.4	19	19.1	19.2	19	19	19.2
17.8	17.6	17.8	16.9	17.4	17.2	17.6	17.9	17.6	18.5	18.5	18.6	18.3
20.3	20.9	19.1	20.1	20	19.1	19	19.5	19.7	19.9	19.9	19.8	19.4
19.8	19.8	19.7	19.4	19.9	19.4	20.4	20.7	20.7	20.6	20.9	21.1	20.1
21.3	19.9	23.2	23.4	23	23	22.8	22.7	22.9	21.9	22.1	21.8	21.7
21.7	22.2	22.4	22.7	22.9	22.9	22.8	22.7	22.3	21.8	21.7	21.7	22.1
21.8	21	20.5	19.8	21.7	22.1	20.5	20.8	20.9	20.4	19.8	19.9	21.2
21.1	24.2	23.1	23.2	22.5	22.6	22.1	21.5	21.3	21.1	21.2	21	20.6
22.2	22.6	22	22	21.7	21.2	19.8	19.8	20.4	20.4	20.4	20.6	20.8
21.3	20.8	20.6	22.1	20.4	20.1	20.4	20.9	20.7	20.1	19.9	20	20.7
22.1	22.5	20.4	20.8	22	22.4	21.3	21.8	21.4	21.4	21.2	21.5	21
20.6	19.9	19.3	19.2	18.8	18.8	18.8	19.3	19.3	19.4	18.7	18.8	20
19	19.9	19.6	20.3	19.6	20.9	21.6	21.5	21.3	21.6	21.6	21.9	19.6
21.7	22.1	22.2	23.3	22	20.9	20.9	21	21.3	21.5	21.3	21.4	21.5
20.2	19.9	20.2	21.7	21	20.8	21	20.8	20.8	21.1	22.3	22.1	21
20.6	20.8	19.6	18.5	19.8	20.4	19.8	20.6	20.3	20.2	20.1	20.3	20.5
20.6	19.8	18	17.9	17.6	18.5	20	20.1	19.6	19.8	19.5	19.9	19.3
20.2	18.6	20	22	21.2	21.6	21.4	21.4	21.6	22	21.2	21.6	20.4
22.2	21.8	22.5	21.6	21.6	22.2	22.6	22.5	21.3	21.7	21.6	21.7	21.8
21.4	22	23.3	23.3	23.7	22.8	22	22	22.2	22.1	22.4	22	21.8
20.2	20.7	20.7	20.2	19.5	19.9	20.3	20.5	20.8	21.6	21.3	21.5	20.9
22.9	22.8	23.4	23.9	22.4	21.9	22.6	23.1	23.1	23.1	22.9	22.9	22.4
24	23.8	23.9	23.6	22.7	22.9	22.2	22.7	23	22.4	23	22.9	23.6
22.2	22.5	22.5	22.6	23	22.9	23	22.9	23.3	23	23.2	23.5	22.7
24.4	24	24.2	23	23.4	23.6	23.7	23.6	23.6	23.4	23.1	22.4	23.6
22.7	23.3	23.3	23.4	23.5	23.7	21.7	22.1	21.3	21.3	21.1	21.1	22.5
21.1	19.6	20.2	21.4	22.1	21.5	21.3	22	21.2	21.3	21.1	21.1	21.4
21	21	20.9	21	20.8	20.8	20.7	20.9	20.8	20.8	20.8	20.8	20.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		S.-Cu.		Cu.		Cu.		Cu. E		Cu. E
2	Ci.-Cu.	Cu.		Cu. E	A.-Cu.	Cu. E		Cu. E		Cu.
3		Cu.		Cu.		Cu.		Cu. E		N.-cf. E
4	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu.-N. E	Ci.-Cu.	Cu.-N.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E
6	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu. E		Cu. E		Cu. E
7		Cu.	Ci.	Cu. E	Ci.-S.	Cu.	Ci.-S. •	Cu.	Ci.	Cu. E
8	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
9	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
10	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. EbyN	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.
11	Ci.	Cu.		Cu.		N.-cf. E		Cu. E		Cu.
12	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
13	Ci.-S.	Cu.	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. E		N.-cf. E
14	Ci.-Cu.	Cu.	A.-Cu.	Cu. E	A.-Cu.	N.-cf. E	A.-Cu.	Cu. E	A.-Cu.	Cu.
15	Ci.	Cu.	A.-Cu. ESE	Cu.		Cu. E		Cu. E		Cu. E
16	Ci.	Cu.		Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
17		Cu.		Cu.		Cu.		Cu.		Cu.
18	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	Ci.-S.	Cu. EbyS
19	Ci.	Cu.	Ci.	Cu. EbyS	Ci.	Cu. EbyS	Ci.	Cu. ENE	Ci.	Cu. ENE
20		Cu.		Cu.		Cu. E		Cu. E		Cu. E
21		Cu.		Cu.		Cu.		Cu.		Cu.
22	Ci.	Cu.	Ci.	Cu. ENE		Cu. ENE		Cu.		Cu.
23	Ci.-Cu.	Cu.		Cu.		Cu.		Cu.		Cu.
24	A.-Cu. SE	Cu.-N. W	A.-Cu.	Cu.-N. W	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.-N.
25		Cu. WNW	Ci.	Cu.		Cu.	Ci.	Cu.	Ci.	Cu.
26	Ci.	Cu.	Ci.	Cu. SW	Ci.	Cu. SW	A.-Cu.	Cu.		Cu.-N. SW
27		N. WSW	A.-Cu.	S.-Cu. WSW	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.
28	Ci.	Cu.		Cu. WSW	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
29		Cu. SWbyW		Cu. SWbyW	Ci.	Cu.-N.		Cu.-N.		Cu.-N.
30	Ci.	Cu.	Ci.	Cu. SbyE	Ci.	Cu.	Ci.	Cu. SE	Ci.	Cu.
31		Cu.	Ci. E	Cu.	Ci.	Cu.	Ci. E	Cu.	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1		Cu.-N. E		Cu.-N. E		Cu.		Cu.-N E	A.-Cu.	Cu.
2		N.-cf. E		Cu. E		Cu.		Cu.		Cu.
3		N.-cf. E	A.-Cu.	Cu.-N. E	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.
4	Ci.-Cu.	Cu.		Cu.-N.		Cu.		Cu.		Cu.
5	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.
6		Cu.-N. E		Cu. E		Cu.-N. ENE		Cu.-N. ENE		Cu. ENE
7		Cu. E		Cu. E		Cu.		Cu.-N. E	Ci.-S.	Cu.
8		Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
9	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-Cu. SSW	Cu.-N.	A.-Cu.	Cu.-N.
10	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.		S.-Cu. E		S.-Cu. E
11		Cu. E	Ci.	Cu. E	Ci.	Cu.-N.	Ci.	Cu.-N. E	Ci.	Cu.
12		N. E		N. E		N. E	Ci.-S.	N.-cf. E	Ci.-S.	Cu.
13		N.-cf. E		Cu.-N. NE	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.	A.-Cu.	Cu. ENE
14	A.-Cu.	Cu. E	Ci.	Cu. E		Cu.-N. E		Cu.		Cu.
15		Cu. ESE		Cu.-N. E		Cu.-N.	A.-Cu.	Cu.-N.		Cu.-N.
16		Cu. E		Cu.		Cu.		Cu.		Cu.
17		Cu. ESE	Ci.	Cu. E		Cu.-N.		Cu.-N. E	Ci.-S.	Cu.-N.
18	Ci.-S.	Cu.-N. E		Cu.-N. E		Cu.-N. E	Ci.-S.	Cu.	Ci.-S.	Cu.
19		Cu. E		Cu. E	Ci.	Cu.-N. E	Ci.	Cu. E	Ci.	Cu. E
20		Cu. E		Cu. E		Cu.		Cu.		Cu.-N.
21		Cu. E	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
22		Cu.		Cu.		Cu.		Cu.		Cu.
23		Cu.	Ci.-S.	Cu.		Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.
24	Ci.	Cu.		Cu.		Cu.		Cu.		Cu.
25	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.
26		N.-cf. SW		Cu.-N.		Cu.-N. SW		S.-Cu. SW		Cu.-N. SW
27	Ci.	Cu.-N.	Ci.	Cu.		Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.
28	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci. ENE	Cu.-N.	Ci. ENE	Cu.-N.
29	Ci.	Cu.-N.		Cu.-N.		Cu.-N.		Cu.-N.	Ci.-S.	Cu.-N.
30	Ci.-S.	Cu.-N. SE	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.-N.
31	Ci. ENE	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ESE 2	NNE 1.5	Calm	NNE 1.5	Calm	NE 1	NE 0.5	Calm	WSW 1	WSW 2	WSW 3.5	WNW 2
2	NNE .5	N .5	NNW 0.5	Calm	ENE 0.5	NE .5	NE 1	NE 0.5	ENE 1	WSW 1	WSW 2.5	E .5
3	ESE 1.5	ENE 1	NNE 1	NE 1	NE 1.5	NE .5	Calm	N 1	SW 2	SW 2.5	W 3.5	SE 2
4	E 1.5	ENE 1	Calm	Calm	E 1.5	ENE .5	Calm	Calm	ESE 2	SE 7	SE 3.5	SE 6
5	NE 1	NNE 1.5	NNE 1	ENE 1.5	ENE 1	ENE .5	NE .5	Calm	WNW 1.5	SW 1.5	W 2	W 3
6	E 1.5	ENE 1	Calm	NE 1	NE 1	Calm	Calm	ESE 1	ENE 2.5	ENE 5	WNW 2	SE .5
7	NE 1	Calm	N 1.5	Calm	NNE 1	Calm	Calm	SSW 1	WSW 2.5	WSW 2	W 4	WNW 6.5
8	E 1	ENE 1	E 1	E 1	ENE 1	Calm	NE .5	E 1	WSW 1	WNW 3	WSW 4	WSW 1
9	SE 1.5	SE 1	Calm	ESE .5	Calm	NE .5	Calm	NE .5	NW 2	W 1	W 1.5	WSW 4
10	NNE 1.5	Calm	Calm	Calm	E .5	Calm	Calm	E .5	WSW .5	SE 7	ESE 2	SE 8
11	Calm	Calm	E 1	E 1	E .5	Calm	Calm	E .5	NW 1.5	W 3.5	W 3	WNW 3.5
12	ESE 1	ESE 2	ESE 1	ESE 1	ENE 1.5	NE .5	NE 1	NNW 4	NNE .5	W .5	W 2	W 3
13	ENE 1	ENE 1	Calm	Calm	Calm	Calm	NNE 1	NE 1	Calm	W .5	NW 2.5	W 1
14	ESE 1.5	ESE 3.5	ESE 2.5	SE 2	ESE 1.5	E 1	NE 1.5	NNW 1.5	N .5	W 2.5	SW .5	E 2.5
15	ENE 1.5	Calm	E 1	E 1	ENE 1.5	Calm	ENE .5	Calm	SE 2.5	SE 3	SE 2.5	NW 4
16	Calm	Calm	Calm	NE 1	NE 1	Calm	NE .5	ENE .5	WSW 1	WSW 1	WSW 2.5	W 2.5
17	ESE 2	NE 1.5	NE 1	NE 1.5	ENE 1.5	ENE .5	NE 1	N 1	W 1	WSW 2	W 3.5	WNW 4.5
18	NE .5	Calm	NNE 1	NE 1	E 1	Calm	Calm	Calm	W 1	WbyS 1	WSW 2	W 2
19	ENE 1.5	NE 1.5	NE 1.5	NE 1.5	NE 1	ENE 1.5	E 1	ESE 1.5	E .5	NNW 1	WNW 2	SE 6
20	NNE 1.5	N 1.5	Calm	NNE 1	NE 1.5	Calm	Calm	ESE .5	WSW 1	NW 4	WNW 1	WbyN 1.5
21	E 1	E 1	ENE 1.5	E 1.5	ENE 1.5	Calm	E 1	Calm	NW .5	W 3	W 3.5	WSW 1.5
22	ESE 1	ESE 1	ENE 1	E 1	ENE 1	Calm	Calm	ESE 2	WSW 1.5	WSW 4.5	WNW 5.5	WNW 2.5
23	NNW 3.5	NNE 1.5	E .5	ESE 1.5	Calm	Calm	NNE .5	E 1	W 2	W 1.5	WSW 3	W 3
24	Calm	Calm	NE .5	Calm	Calm	Calm	Calm	NE .5	NW 2	WSW 1.5	W 1.5	W 2.5
25	ENE 1	ENE 1.5	ENE 1.5	ENE 1	ENE 1	Calm	NE .5	NW 1.5	SW 2.5	NW 2	W 2.5	WSW 3.5
26	Calm	Calm	E 1.5	E 1.5	SE 1.5	Calr	E 1	SSE 1	W 2	WSW 2.5	WSW 2.5	WSW 3
27	SSW 3	SW 2	SSW 1.5	S 1	NW 1.5	SE 1	ESE .5	WNW 4.5	SW 1.5	WSW 5.5	WSW 6.5	WSW 7.5
28	ESE 1	Calm	ESE 1	SE 1	S 1.5	SSE .5	S 1	S .5	SW 2.5	W 3	WNW 3	WNW 4
29	Calm	E 1	ENE 1.5	E .5	E 1	E .5	E .5	SE .5	SSW .5	WSW 3.5	WSW 4	WSW 3.5
30	ESE 1	ESE 2	E 1.5	ENE 1.5	NE 1.5	ENE .5	ENE .5	SE .5	SSW 1.5	WSW 1.5	WNW 1	WNW 3
31	NW 1.5	WSW 5	SSW 1	E 2.5	ESE 2	ESE 1	ENE 2.5	ENE 2	NE 1.5	W 2.5	W 3	W 3
Mean	1.2	1.1	0.9	1	1	0.3	0.5	1	1.4	2.6	2.8	3.1

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WbyS 3.5	WSW 3.5	ESE 6.5	SE 2.5	ENE 3.5	ESE 2.5	E 3.5	E 3.5	ESE 3.5	ESE 3.5	ESE 2	ESE 1	2.2
2	SE 8.5	SE 4	SE 3.5	SE 5	E 5	E 4.5	ESE 3	SE 3.5	ESE 3.5	ESE 3.5	ESE 3.5	ESE 2.5	2.5
3	EbyN 6	NNE 4	NNE .5	ESE .5	ENE .5	E 1.5	E 1	E 2	E 2	ESE 1.5	ESE 2.5	ESE 1.5	1.7
4	SE 8	ESE 6	SE 5.5	SE 5.5	ESE 4	SE 3	SE 2.5	ESE 3.5	ESE 2.5	ESE 2.5	ESE 1.5	Calm	2.8
5	SE 5	ESE 6	ENE 6.5	ESE 6	ENE 4	ESE 5.5	ESE 3.5	ESE 3	ESE 2.5	ESE 2.5	ESE 3.5	ESE 3	2.7
6	SE 5.5	ESE 5	ESE 4.5	E 2	SE 3.5	ESE .5	E 2.5	ESE 3	ESE 3	ESE 3	ESE 1.5	Calm	2.1
7	WSW 3.5	SSW 2	ESE 4	ENE 5	ENE 1	ENE 1	ESE 1.5	ESE 2	SE 2	SE 1.5	ESE 1	ENE 1.5	1.9
8	SE 6	SE 2.5	SE 3.5	SE 5	SE 2.5	SE 3	SE 1	SE 2	SE 3.5	SE 2	SE 2	SE 1.5	2.1
9	SSW 3.5	SSE 1.5	SW 1.5	SW 2.5	SW 3	SW 3	SW 4.5	SW 3	NW 3.5	N 3	NE 2.5	NNE 3	2
10	SE 4.5	SE 5	NE .5	W 1	W 1	W .5	Calm	NW 1	NNE 2.5	NE 2.5	NE 2.5	NE 1	1.5
11	WNW 4	SW .5	SW .5	SSE 3	ESE 1.5	ESE .5	E 1.5	E 1.5	ESE 1.5	ESE 2	ESE 2	Calm	1.4
12	WNW 1.5	Calm	NE 2.5	NE 1	ENE 1.5	ENE 1	ENE 1	E 2	ESE 1.5	E 1	ENE 2	Calm	1.4
13	S 3.5	SE 2.5	NbyW 1	NE 1	NE 1	ENE 3	E 6	ESE 3.5	ESE 1.5	ESE 2	ESE 3	ESE 1.5	1.6
14	ESE 1	ESE 4.5	SE 5	NE 1	ESE 1.5	ESE 3.5	ESE 2.5	E 1.5	E 1.5	ESE 2	ESE 2	ESE 1.5	2
15	WNW 2.5	W 1	SE 4.5	ESE 3	SE 4	ESE 1	SE 3	E 1.5	SE 1.5	SE 2	ESE 1.5	Calm	1.8
16	WSW 3.5	S 2	SE 5	SE 5.5	SE 5	SE 4.5	ESE 2.5	ESE 2.5	SE 1.5	ESE 2	ESE 3.5	ESE 2.5	2.1
17	WNW 3.5	WSW 5	WbyN 3.5	W 2.5	SE 4.5	SE 3	ENE .5	ESE 1	NNW 1.5	Calm	NE 1	NE 1	2
18	W 2	NW 3.5	NE 1	Calm	SE 1	ESE 2.5	ESE 3	ESE 2.5	ESE 2.5	ESE 1.5	ENE 1.5	NE 1	1.3
19	SE 8.5	SE 3.5	SE 4.5	SE 1	SSE 4	SE 3	SE 3.5	SE 3.5	ESE 3.5	ESE 1.5	Calm	Calm	2.4
20	WSW 1	SE 3	SE 3.5	SE 4	SE 4.5	SE 2.5	SE 1.5	ESE 2	SE 2	SE 2	ESE 2	E 1	1.8
21	WSW 2.5	WSW .5	ESE 4	ESE 1.5	ESE 4	S 1.5	SSW 3.5	SSW 3	SSE 1.5	SE 2	SE 2.5	SE 1.5	1.8
22	WSW 4.5	WSW 3.5	W 3.5	SW 4.5	SW 5.5	SW 5.5	SSW 4.5	SSW 3.5	SSW 3	SSW .5	N 1.5	N 1.5	2.6
23	WSW 4.5	W 2.5	SW 6.5	SW 6	SW 6	WSW 5	SW 4	SW 1.5	NNE 3.5	NE 2.5	NNE 2	NE .5	2.6
24	WSW 2	WSW 5	SW 5.5	SW 5.5	SW 5	SW 6	SW 4	WNW 3.5	WSW 2	NE 1	NE 1	ENE .5	2.1
25	WSW 4	WSW 3	SW 5	WSW 7.5	WSW 9	WSW 9	WSW 6.5	SW 4.5	SW 3.5	SW 3.5	SSW 2.5	SSW 1	3.2
26	SW 2	WSW 5	WSW 5.5	SW 6.5	SSW 6.5	SW 6.5	ESE 1.5	ESE 1.5	ESE 1.5	ESE 1.5	SSE 1	SSE 1	2.4
27	WSW 8.5	WSW 8.5	SW 9	SW 11	W 5	SSW 2.5	SSW 2.5	SW 4.5	SW 3.5	W 2.5	W 1.5	Calm	4
28	W 2.5	SW 3	WSW 3	SW 6	WSW 7	SW 3.5	SW 2	SW 4.5	SW 4.5	S 1.5	SSW 1	2.6	
29	WSW 4	SW 5	SSW 4.5	SW 5	SSW 4.5	SW 4	SW 2.5	SW 1.5	SSE 2	SE 1	SE 1.5	WSW 2	2.3
30	W 4	WbyS 3	WNW 3	WSW 2.5	SW 3.5	SSW 3	ESE 3	ESE 2.5	NNE 4.5	NNE 3.5	ESE 1.5	SE 1.5	2.1
31	W 3	WSW 2.5	W 5	W 2	WSW 5	SW 5	NNW 3	ESE 1.5	ENE 2	NNE 1.5	Calm	ENE 1.5	2.5
Mean	4.1	3.4	4	3.7	3.8	3.3	2.7	2.6	2.5	2.1	1.9	1.1	2.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mtd-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	4	5	3	2	4.5	3.5	5	2.5	3.5	12.5	18.5	17
2	3	2	2	2	3	3	4	3	4	6	15	11
3	6.5	2	1.5	3	3.5	4	3.5	4	5	12	14	7
4	4	5	3	4	3	4	2	1	7	13	20	19
5	2	4	4.5	3	5	4	5	2	5.5	7.5	15	15
6	5.5	3	1	2.5	2.5	3	3	7	12	12	11	9
7	2.5	3	5	3.5	3	2.5	1.5	3.5	8	10	12	20
8	3	4	3	3	3	1.5	2.5	3	4.5	13.5	15	12
9	5.5	4	1	3	1.5	1.5	2.5	2.5	7	13	6	12
10	8	4	0	0	0	0	0	0	1	12	16.5	13
11	0	0	.5	0	0	0	0	0	3.5	14	9.5	15
12	1.5	4	5	3	4	5	6	6	5	6	16	12.5
13	3	2.5	2	2.5	1.5	3	3.5	5	2.5	1	8	9
14	5.5	7	10	8	7	7	6	7	3	2	7.5	10
15	5.5	2.5	2	4	4	3.5	1	3	5	10.5	15	13
16	1	1.5	1.5	3	5	4	3	4	4	9	13	11
17	8	5.5	5	3.5	5	4.5	4	5.5	6	10	14	16
18	0	0	0	0	0	0	0	0	0	5	6.5	7
19	4.5	5.5	4	3	4	3.5	2	2.5	6	6.5	13.5	12
20	1	.5	.5	0	0	1	0	0	4	7	13	13
21	4	4	4.5	5	5	3	3	3	3	10	12	13
22	2	3	2	4	2.5	4	2.5	4	4	10	15	18
23	5	6.5	.5	1.5	1.5	0	.5	1.5	2	11	14	13
24	0	0	0	0	0	0	0	0	8	5	8	13
25	0	1	.5	0	0	1	.5	2	6	9	11	12
26	1.5	2.5	3.5	4.5	4	3.5	3	3.5	6	12	12	14
27	8	6	6	4	5	2.5	2.5	8	4	12	18	25
28	1.5	3.5	2	3	3	5	6	6	7	14	19	20
29	3.5	1.5	5	3	1.5	4.5	3	3	4	8	14	16
30	7	5	3	4	4	5	2	3	6	6	10	11
31	4.5	12.5	12.5	8	7.5	9	9	11.5	8.5	9.5	16.5	16
Mean	3.6	3.6	3	2.9	3	3.1	2.8	3.5	5	9.3	13.2	13.7

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	0	1	1	2	4	4	4	6	5	5	4	3	3.2	10 20
2	2	3	8	7	7	9	7	5	3	3	1	1	4.7	9 25
3	1	1	1	2	4	8	7	9	7	7	4	4	4.6	7 25
4	4	4	3	4	4	3	4	2	3	3	3	5	3.5	9 50
5	5	4	5	5	4	6	5	4	4	4	3	4	4.4	10 00
6	3	4	4	6	6	7	6	7	6	4	3	1	4.8	8 35
7	1	1	3	4	4	5	4	4	4	7	4	4	3.8	10 20
8	7	3	5	5	7	6	4	4	5	5	7	7	5.4	9 20
9	8	6	8	7	7	6	6	7	7	8	8	8	7.2	7 45
10	5	3	4	6	6	7	8	9	10	10	10	10	7.3	6 30
11	2	1	3	8	7	4	4	8	7	7	5	5	5.1	7 35
12	7	6	7	8	8	10	10	10	10	10	10	10	8.8	2 00
13	9	10	10	9	9	10	10	10	10	10	9	9	9.6	0 20
14	10	10	10	10	9	9	8	7	8	7	8	9	8.8	4 45
15	4	1	3	4	5	8	7	7	6	8	7	7	5.6	6 45
16	1	3	2	5	5	5	5	2	3	2	3	2	3.2	9 40
17	2	0	0	1	1	3	5	4	3	3	4	8	2.8	10 20
18	7	7	8	8	8	6	8	8	8	7	8	7	7.5	4 10
19	5	6	5	6	5	7	3	3	4	4	4	5	4.8	9 30
20	1	2	2	4	5	5	4	4	3	3	7	6	3.8	10 35
21	1	0	0	1	3	3	2	4	4	3	3	3	2.2	10 15
22	3	2	3	3	3	3	2	1	2	3	4	5	2.8	8 55
23	3	3	4	3	3	3	2	2	2	2	3	3	2.8	8 25
24	9	8	8	5	5	5	3	3	3	3	3	4	4.9	7 45
25	3	5	3	3	1	2	3	4	3	7	6	4	3.7	6 50
26	3	5	4	4	7	8	10	8	8	10	10	10	7.2	4 55
27	10	10	10	7	7	8	8	8	8	9	9	10	8.7	5 40
28	5	5	7	8	6	6	4	6	8	5	5	6	5.9	8 05
29	6	5	6	6	6	5	3	7	8	10	9	10	6.8	7 25
30	4	6	7	8	8	8	8	7	6	4	5	8	6.6	7 20
31	3	2	4	4	7	6	5	8	7	7	6	10	5.8	9 30
Total														240 15
Mean	4.3	4.1	4.8	5.3	5.5	6	5.5	5.7	5.6	5.8	5.6	6.1	5.4	7 45

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
15	10	13	21	17	15	11	11	11	11	10	5	9.6
15	14	16	20	21.5	14	13.5	13	14	13.5	14.5	11	9.9
18	16	8	6	15	10	7	7	6	4	8	7	7.4
22	22	19	18	17	15	13	12	11	8	7	4.5	10.6
19	24	23.5	21.5	15	16	14	12	9	10.5	10.5	7.5	10.6
17	19	20	19	14	9	9	10	11	9	7.5	5	9.2
15	11	7.5	14	11.5	9	7.5	8	8	8	4	2.5	7.5
14	21	20	19	18.5	14.5	15	9	7	10	6.5	7	9.6
10	14	16	16	18	19	21	13	11	12	10	10	9.6
14.5	19.5	10.5	3	6	4.5	1	4.5	5	9	8	3	6
18	11	9.5	10	10.5	7.5	2.5	6.5	5	7	6.5	3	5.8
10	2.5	13	8	8	6.5	2.5	5	6	4.5	5.5	3.5	6.2
8	10	9	5	9	8	10	13	9	7	9	7.5	6.2
9	16.5	16.5	13.5	9	14.5	13	9.5	3.5	6.5	6.5	7.5	8.6
13	10	12	17	13	9	8	9	6	7	6	2	7.5
13	9	18	23	19	17	13	9	6.5	5.5	9	10	8.8
17	15	15	11	15	19	6	5	5	0	0	2	8.2
12.5	12	19	3	3.5	10	9	10.5	8.5	6.5	4	3	5
20	20	17	10	14	15	12	12	10	9	2	0	8.7
14.5	6.5	17	19	16	10	9.5	7	6.5	6	7	4.5	6.8
10	11	9	13	13	12	11	15	9	7	7	8	8.1
15	15	15	15	20	24	20	17	15	6	4.5	2 5	10
13	17	21	18	25	20	17	11	12	15	9	5	10
15.5	19.5	23	21.5	22.5	22	21	17	10	5.5	.5	0	8.8
13	17	19	26	26	25	24	20	16	12	10	7	10.8
13	17	21	23	30	24	9	4.5	5	3.5	5	5	9.6
26	34	33	32	35	85	13.5	17	16.5	15.5	9.5	3.5	14.4
15	14	12	20	22	19	15	14	16	19	11	5	11.3
16	21	27	23	21	16	15	11	8	6	2	5	9.9
17	13.5	12	10.5	12	14.5	12.5	8.5	8.5	14.5	4	3.5	8.2
15	12	17	11	13	16	10	11	6	6	1.5	.5	10.2
14.9	15.3	16.4	15.8	16.5	14.3	11.8	10.7	9.1	8.5	6.6	4.9	8.8

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		kms.	*mm.*	*mm.*
1		2	2	1	2	7	1					4	1	1			3	231	6.8	
2	1	1	3	2	3	5	5					2				1	1	238	7	
3	1	3	3	2	5	5	1				2		1				1	178	5.2	
4				2	2	7	8										5	253.5	7.9	
5		2	2	5		9	1				1		2	1			1	255	7.5	
6			2	3	3	8	3							1			4	221	7	
7	1	1	1	4		4	2			2		3	1	1			4	180.5	5.7	
8			1	2	4		12					3		1			1	229.5	6.4	
9	1	1	3			1	2	1		1	6	1	2		2		3	229.5	4.6	19
10		2	4		2	1	4					1	3		1		6	143	3.9	
11					6	5		1			2		2	2	1		5	139.5	4.5	
12		1	4	5	2	5							3	1		1	2	149	2.5	11.5
13	1	1	3	3	1	5	1		1				2		1		5	148	4.5	.3
14	1		2		4	12	2				1		1			1		205.5	5	
15				3	3	3	8						1	1	1		4	181	4.1	.8
16			3	1		5	5		1			4	1				4	212	6.3	
17	1		6	3		2	2					2	3	3		1	1	197	5.5	.5
18		1	4	1	1	5	1					1	4		1		5	120	3.4	8.6
19			4	2	2	3	8	1						1		1	2	208	5.7	2.5
20	1	2	1		1	3	8					2		2	1		3	163.5	5.5	
21				2	4	3	3	1	1	2		3	2		1		2	194.5	6.3	
22	2			2	1	3				4	3	4	1	2			2	240	6.7	
23		4	2		2	1					5	3	4			1	2	240	5.4	
24			4	1							5	4	2	1	1		6	212	5.3	
25			1	5						2	5	7	1		2		1	258	6	
26					3	4	1	3		1	3	5	1				3	230	3	15
27						1	1		1	4	6	5	3	1	1		1	345	3.8	22.6
28						2	1	1	4	1	8	2	2	2			1	272	4.1	.8
29				1	5		3	1		3	5	5					1	238	3.9	8
30		2	1	3	1	5	2			2	1	2	2	3				197	4.3	.3
31		1	1	4	1	3				1	1	3	6		1	1	1	244	4.4	3.4
Total	10	24	57	57	58	117	85	9	8	23	54	66	51	24	14	7	80	6,553	162.2	83.3
Mean	0.3	0.8	1.8	1.8	1.9	3.8	2.7	0.3	0.3	0.7	1.7	2.1	1.6	0.8	0.5	0.2	2.6	211.4	5.2	2.7

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	760.25	8.15a.	34.3	3.55p.	88	**19.8**	756.40	3.50p.	**20.6**	5.50a.	47	**16.1**
2	59.60	9.35a.	33.7	1.55p.	89	20.8	56.40	3.55p.	22.3	5.45a.	52.5	17.3
3	59.70	8.35a.	33.4	3.55p.	87	20.4	57.20	4.55p.	22.1	5.50a.	53	17.4
4	60.55	11.00p.	35.2	2.35p.	89	20.5	56.90	4.20p.	22.5	4.15a.	47	18.4
5	60.53	9.00a.	34.9	1.15p.	88	20.5	57.40	3.40p.	22.7	5.45a.	47	18.3
6	59.67	8.00a.	35	3.05p.	87	19.9	56.30	3.40p.	22.9	4.45a.	46	16.9
7	59.50	8.50a.	35	3.50p.	91	21.2	55.50	3.45p.	21.5	5.30a.	49	18
8	**58.18**	8.00a.	35.2	2.10p.	90	21.4	**54.85**	3.20p.	22.8	5.40a.	49	19.3
9	59.45	10.20p.	35	2.15p.	**98**	23.4	54.90	2.25p.	23.8	5.30a.	49	19.9
10	59.70	10.10p.	34.3	0.35p.	97	23.1	56.90	1.30p.	24.1	3.05a.	56	21.1
11	59.70	9.05a.	34.4	2.55p.	95	22.8	56.60	3.50p.	23.4	5.45a.	54	19.8
12	59.65	8.35a.	32.3	0.15p.	92	24.2	57.65	4.40p.	22	5.35a.	57	18.6
13	60.20	11.00p.	**31.4**	1.25p.	97	22.6	57.75	1.55a.	22.5	5.30a.	65.5	19.8
14	60.50	10.40p.	34.6	2.50p.	85	22.1	**57.80**	3.30p.	25.2	4.05a.	53	19.9
15	**60.75**	7.10a.	34.2	2.30p.	94	22.5	57.10	3.40p.	22.7	5.05a.	57	19.5
16	59.70	0.10a.	34.2	2.10p.	95	21.4	55.45	4.30p.	23.1	5.40a.	50.5	18.7
17	59.05	10.20p.	34.2	4.20p.	89	21.9	55.30	3.35p.	21.7	5.35a.	52.5	17.5
18	59	9.55p.	34.2	1.40p.	92	23.3	56.30	2.15p.	23.8	5.45a.	63	20.5
19	59.60	11.05p.	**35.4**	2.50p.	92	22.5	55.83	3.00p.	23.1	5.35a.	50	19.9
20	59.30	0.05a.	34.3	2.45p.	96	21.8	55.85	4.25p.	23.2	5.45a.	49	18.5
21	58.90	11.00p.	35.1	3.25p.	92	21.1	55.65	4.15p.	21.9	5.05a.	**45**	17.6
22	59.15	10.40p.	34.6	3.20p.	88	22	56.20	4.15p.	23	5.30a.	51	18,6
23	59.25	9.15a.	33.7	3.20p.	89	22.6	55.65	3.45p.	25.2	3.00a.	59.5	21.1
24	58.80	8.30a.	33.2	1.40p.	91	23.7	55.40	3.40p.	25	2.50a.	58	19.7
25	58.85	9.05a.	33.7	1.10p.	96	21.9	55.45	5.00p.	24	4.30a.	57	19.5
26	59.05	10.25p.	32.8	11.25a.	94	23.9	56.55	3.00a.	24.3	5.30a.	61	21.1
27	59.25	9.15p.	32.3	1.35p.	**98**	**25.5**	57.05	3.25p.	25.4	0.05a.	**70**	22.2
28	59.40	9.15a.	33.3	2.55p.	96	23.6	56.81	6.00p.	24.7	4.05a.	64	22.1
29	60.10	11.05p.	33.3	1.20p.	95	24.5	56.55	3.30p.	**25.7**	5.25a.	67	**22.4**
30	60.15	9.25p.	33.4	4.15p.	97	24.1	56.70	3.50p.	23.8	4.20a.	64	21.1
31	60.35	10.50p.	34.1	3.45p.	94	23	56.95	4.10p.	23.9	4 05a.	51	19.6
Mean	759.61	-------	34	-------	92.3	22.3	756.37	-------	23.3	-------	54.7	19.4

DAILY GENERAL REMARKS.

1____☊² early in the morning; d° at 4.15 p. m.
2____Somewhat gusty SEly winds in the afternoon; ☾ N in the evening.
3____Cloudy weather.
4____☾ N in the evening.
5____Cloudy weather.
6____As yesterday.
7____☊ early in the morning; ☾° NNW in the evening.
8____☊ early in the morning.
9____☾ NE quadt. in the evening; ● at night.
10____◹ N, d° in the afternoon.
11____☊² early in the morning; ☾° NW quadt. in the evening.
12____● in the afternoon.
13____●° in the morning; ◹° NW quadt., d° in the afternoon.
14____◹° NE in the afternoon.
15____●° in the afternoon; ☾ NW quadt. in the evening.
16____d° in the early morning.
17____◹ E quadt. in the afternoon; d² at night.
18____┬ E, p in the afternoon.
19____◹° NE quadt. in the afternoon; ● at night.
20____⌒², d° in the afternoon; ☾ N in the evening.
21____∪ in the evening.
22____☾ N in the evening.
23____Somewhat gusty SWly winds in the afternoon.
24____d°, ⊕ in the morning; somewhat gusty SWly winds in the afternoon.
25____Somewhat gusty WSW winds in the afternoon; ∪ in the evening.
26____p at 11.55 a. m.; ◹° S, ⌒ in the afternoon; ●° in the evening.
27____● in the morning; ◹ S quadt., gusty SWly winds in the afternoon.
28____Slight coloration of upper clouds at sunrise.
29____●° early in the morning.
30____●° in the early morning; ⊕° in the morning; ◹ E quadt. in the evening.
31____d in the early morning; ◹ NE and SE quadts., ☾² NW quadt., ●° in the evening.

OBSERVATIONS FOR JUNE, 1918.

ATMOSPHERIC PRESSURE, 700 mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59.80	59.35	59.70	59.80	59.90	60.08	60.34	60.52	**60.64**	60.49	59.96	59.33
2	59.55	59.20	59.05	59.25	59.35	59.39	59.63	59.84	59.92	59.53	58.94	58.58
3	59.10	58.45	58.35	58.65	58.80	**58.82**	59.08	**59.21**	58.90	58.62	58.21	57.87
4	58.20	58	57.80	57.85	57.85	58.21	58.31	58.42	58.33	58.46	57.89	57.23
5	**57.50**	57.40	57.15	56.85	57	57.27	57.26	57.28	57.17	56.86	56.67	56.50
6	56.80	56.15	55.85	55.75	55.75	55.95	56.14	56.13	56.42	56.08	55.82	55.78
7	56.45	56.20	55.85	55.75	56	56.37	56.59	57.03	57.12	57.02	56.73	56.37
8	58.25	57.95	**57.80**	58	58.05	58.54	58.82	59.10	59.24	59.37	59.30	59.30
9	59.50	58.90	58.85	58.80	59.05	59.36	59.60	59.61	59.75	59.75	59.83	59.36
10	**59.55**	59.20	59.10	59	58.75	58.88	59.09	59.12	58.89	58.92	58.87	58.33
11	57.75	57.25	57.35	57.20	56.95	57.35	57.49	57.79	57.80	57.82	57.69	56.89
12	57.85	57.80	57.75	57.75	57.90	57.80	58.10	58.18	58.34	58.19	57.94	58.03
13	59	58.80	58.60	58.35	58.55	58.73	59.03	58.99	59.12	59.13	59.02	58.65
14	59.50	59.55	59.35	59.20	59.20	59.19	59.58	59.70	59.47	59.43	59.36	58.87
15	59.50	59.15	58.95	58.75	59.10	59.28	59.54	59.45	59.12	58.69	58.42	58.31
16	59.80	59.50	59.50	59.40	59.50	60.01	60.15	**60.28**	60.07	59.76	58.99	58.66
17	59.65	59.25	59.45	59.35	59.55	59.76	60.09	60.14	59.97	59.67	59.28	58.48
18	59.65	59.10	58.45	58.35	58.75	58.95	59.36	59.20	59.45	59.72	59.31	58.84
19	59.15	58.85	58.95	58.90	59.05	59.45	60.02	**60.29**	60.14	59.85	59.53	59.29
20	59.45	59.20	59.05	59.10	59.40	59.48	60.09	60.15	**60.19**	59.97	59.75	59.36
21	59.05	58.70	58.55	58.35	58.55	58.99	59.54	59.76	**59.82**	59.64	59.21	58.56
22	58.75	58.15	57.85	57.45	58	58.22	58.57	**59**	58.99	58.88	58.57	57.91
23	58.10	57.70	57.80	57.65	57.35	57.95	58.29	58.40	58.34	58.12	57.72	57.22
24	**59.15**	58.60	57.80	57.95	58.05	58.04	58.43	58.23	58	57.65	57.29	56.82
25	57.15	57.05	57.15	57.05	57	57.34	57.54	57.43	**57.55**	57.38	57.17	56.74
26	56.05	55.45	55.10	**55**	55	55	55.65	55.78	**56.14**	56.13	55.64	55.66
27	**54.70**	54	53.55	53.45	53.10	53.56	53.63	54.11	54.54	54.07	53.94	53.04
28	**50.15**	49.85	49.45	49.10	48.95	49.31	49.31	49.37	49.59	49.33	48.77	48.01
29	45.80	**45.75**	45.85	45.80	46.05	46.38	46.95	47.48	48.07	48.70	48.60	48.73
30	51.40	**51.25**	**51.25**	51.30	51.45	52.66	53.41	53.90	54.30	54.30	54.35	54.12
Mean	57.54	57.19	57.04	56.97	57.06	57.34	57.65	57.80	57.85	57.72	57.43	57.03

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.1	24.1	24.2	23.8	**23.6**	24	26	28.7	29.4	30.4	31	31.1
2	24.3	24	24	24.2	24	24.1	25.9	29	30.6	30.2	31.7	**32.6**
3	24.2	23.9	23.9	23.1	**23**	23.4	25.8	28.6	29.8	30.4	29.5	30.5
4	25.1	24.6	24.7	24.4	**24.1**	24.2	26.4	28.9	29.7	30.3	29.4	30.9
5	25.3	24.7	24.6	24.9	24.6	25.2	27.5	28.8	30.2	30.6	**32**	31.9
6	24.3	23.8	23.6	**23.5**	**23.5**	23.7	25.1	28.2	28.8	28.6	**29.5**	26
7	24.4	24.4	24.4	24.4	**24.3**	24.4	26.4	28	29.3	30	30.7	**31.2**
8	25.7	26.4	25.9	25.1	24.6	25.5	27.6	29.2	**31**	28.3	29	26.1
9	24	23.8	23.6	23.3	**23.2**	23.4	25.7	27.8	29.2	30.6	31.4	**32.5**
10	26.8	26.2	25.4	24.9	24.5	**24.3**	25.1	27.8	29.4	29.9	30.5	**31.2**
11	25.1	24.9	24.9	25	25	24.7	26	28	28.9	28.7	**30**	29.9
12	23.9	23.5	23.5	**23.3**	23.8	24	25.9	27.7	29	30	29.8	29.4
13	25.9	25.3	25	24.7	**24.4**	24.6	27.2	30	30.5	31	31.4	**31.7**
14	24.6	24.6	24.5	24.4	**24.3**	24.5	26.9	29.3	30.7	31.9	31.8	**32.8**
15	24.9	24.7	24.5	**24.4**	**24.4**	24.5	27.1	29.6	30.4	31	30.4	30.1
16	25.3	25.1	24.9	24.7	24.4	**24.3**	26.1	28.7	29.7	29.6	31.6	31.5
17	24.8	24.7	24.6	24.6	24.6	24.7	26.3	28.5	30.1	30.1	31.1	31.1
18	24.1	24	23.7	23.7	**23.3**	23.7	25.9	28.7	29.8	30	32	32.6
19	25.2	24.9	24.5	24.4	**24**	24.2	25.4	27.4	30	29.1	30.2	30
20	24.3	24.2	24.3	24.3	24.1	**24**	24.5	25.7	26.8	28.1	30.1	30.2
21	25	24.1	23.9	23.8	**23.4**	23.5	24.5	28	29.1	29.7	31	32.1
22	24.7	24.6	24.4	23.9	24	**23.8**	25	27	28.9	29.1	30.5	**31.6**
23	25.1	24.9	24.5	24.1	23.6	**23.5**	26.7	30.3	31.8	31	30.8	31.4
24	24.2	23.6	**22.9**	23.2	23	23.2	24.7	27.9	29.2	30.1	30.3	31.2
25	25	24.9	24.8	24.8	**24.5**	**24.5**	26.6	29	29.1	29.6	30.8	31.4
26	25.6	25.5	25.4	**24.8**	25.1	25	26.6	28.7	29.5	**31**	30.5	30.7
27	25.2	**24.7**	24.8	25.3	25	24.9	25	25	25.2	25.8	26.5	27.9
28	27.2	27.4	25.7	27.4	27.3	27.3	27.5	27.6	28.1	**28.2**	26.7	26.5
29	25	25.7	25.8	25.6	25.1	25.2	24.7	**24.5**	24.9	24.8	25	24.7
30	24.8	24.8	25	25.3	25.4	24.7	25.8	27.2	29	29.1	28.3	**29.2**
Mean	24.9	24.7	24.5	24.4	**24.3**	24.4	26	28.1	29.3	29.6	30.1	30.3

ATMOSPHERIC PRESSURE, 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
58.87	58.36	57.84	**57.75**	58.11	58.36	58.62	59.05	59.60	60.05	59.95	59.80	**59.43**
58.22	57.57	57.19	**57.06**	58.06	57.75	58.05	59.25	59.40	59.75	**59.95**	59.50	58.92
57.21	56.62	**56.09**	56.41	56.36	57.16	57.69	58	58.45	59.10	59.15	58.75	58.13
56.66	56.01	55.60	**55.36**	55.80	56.61	57.01	57.30	57.65	**58.50**	58.35	57.80	57.47
56.12	**55.42**	55.49	55.46	55.68	56.36	56.64	57.25	57.35	57.40	57.25	56.95	56.76
55.25	55.05	**54.39**	54.43	54.64	55.08	55.72	56.05	56.45	56.90	**56.95**	56.90	55.85
55.92	55.56	55.27	**55.22**	55.96	56.19	57.07	57.65	58.60	**58.70**	58.65	58.50	56.70
58.87	58.32	58.09	57.95	58.28	58.60	59.39	60	60.20	**60.45**	60.40	60.05	58.93
58.90	58.47	58.30	**58.23**	58.43	58.61	58.90	59.30	59.90	**60.10**	60	59.65	59.21
58.07	57.11	56.81	**56.70**	56.99	57.36	57.54	58.27	58.25	58.15	58.25	58.10	58.30
56.73	56.47	56.33	**56.23**	56.66	56.75	57.67	57.80	58.10	58.50	**58.80**	58.40	57.39
57.68	57.24	**56.77**	57.19	57.18	57.27	57.62	58.70	59.05	59.20	59.30	**59.55**	58.02
58.43	57.97	**57.88**	57.99	58.43	58.79	59.47	59.65	59.95	**60.45**	60.30	59.85	58.96
58.01	57.75	57.20	**57.02**	57.85	58.43	59	59.30	59.65	59.70	**59.85**	59.65	58.99
57.85	57.44	**56.91**	57.11	57.66	58.32	58.94	58.80	59.45	60.10	**60.25**	60.05	58.80
58.08	57.46	57.03	**56.68**	56.85	57.45	58.10	58.65	59.10	59.55	60.15	59.95	58.94
57.91	57.68	**56.76**	56.83	57.02	58.01	58.58	58.85	59.15	**60.25**	60.15	60.10	59
57.71	57.20	**56.61**	56.78	57.42	57.99	58.81	59.10	59.60	59.70	**59.85**	59.55	58.73
58.83	58.07	**57.67**	58.16	58.13	57.94	58.79	59.15	59.85	60	59.85	59.60	59.15
58.72	58.41	57.83	**57.73**	57.85	58.28	58.69	59.15	59.65	59.75	59.95	59.60	59.20
57.80	57.37	56.81	**56.69**	56.91	57.26	57.97	58.50	58.85	58.90	58.90	58.85	58.48
57.33	56.79	56.26	**55.87**	56.47	56.96	57.43	57.75	58.05	58.45	58.80	58.55	57.88
56.87	56.24	55.66	**55.49**	55.94	56.77	57.15	57.90	58.25	59	**59.35**	**59.35**	57.61
56.16	55.47	**55.46**	55.82	55.85	56.10	56.77	57.20	57.45	57.90	58.20	57.75	57.34
56.20	55.35	55.02	**54.72**	54.79	55.39	55.86	56.60	56.70	56.90	56.80	56.45	56.56
55.32	55.33	54.32	54.17	**53.62**	54.28	54.73	54.95	55.70	55.85	55.70	55.15	55.24
52.96	52.50	51.44	51.28	51.11	51.30	51.53	51.50	51.95	51.70	51.75	**51.05**	52.74
47.45	46.95	46.40	46.26	46.06	45.84	**45.75**	45.80	46.10	46.45	46.45	46.25	**47.79**
48.62	48.43	48.55	49.12	49.22	49.93	50.47	51.20	51.25	51.45	**51.70**	51.55	48.57
54.50	54.29	53.92	54.03	54.43	54.69	55.25	55.85	56.30	**56.75**	**56.75**	56.35	54.03
56.58	56.10	**55.66**	**55.66**	55.93	56.33	56.83	57.28	57.67	57.99	**58.06**	57.79	57.10

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.6	31.8	**32.2**	31.8	30.4	29.4	28.2	27.1	26.5	26.1	25.2	24.8	27.7
29.5	26	29.6	32.3	26.2	25.4	25.2	24.5	24.7	24.5	24.2	**23.9**	26.7
31.7	**32.5**	32.2	26.8	27.4	27.4	25.7	25.8	25.8	25.4	25.4	25.2	27
31.8	33	**33.2**	32.3	32.4	**29.8**	28.3	27.4	27	26.7	26.7	25.7	28.2
31.3	30.5	26.6	25.8	25.6	25.3	25	25.1	24.9	24.6	**24.4**	24.5	26.8
27.3	26.8	29.2	27.4	27.3	26.8	25.8	25.2	25.3	25.4	24.8	24.5	26
31	29.7	29.2	31	28.7	27.7	27.2	26.6	25.9	26	26.1	25.5	27.4
27.5	26.8	28.6	28.4	26.8	25.7	25.2	24.9	24.7	24.6	24.5	**24.3**	26.5
31.6	30.8	30.9	29.5	28.9	28	27.1	26.7	26.2	25.7	26.6	26.8	27.4
30.9	30.6	28.1	28.1	27.8	26.8	26.1	25.8	25.6	25.4	25.3	25.2	27.2
29.1	28	27.9	26.8	26	26.2	25.6	25.5	25.2	25	**24.4**	24.5	26.5
29.1	**30.7**	30.6	28.3	26.7	27	27.3	27.4	27.2	27.1	26.9	26.2	27
31	31	29.6	28.3	28	27.1	26.7	26	25.5	25.2	25.1	24.9	27.5
32.4	31	32.1	30.8	30.1	28.8	27.2	26.4	25.8	25.5	25.2	25.1	27.9
31.4	**32.2**	31.5	30.7	29.5	28.5	27.2	26.5	26.1	26.1	26	25.7	27.8
32.4	33.4	**34**	31	31.1	30.1	29.1	28.3	26.8	26.2	25.7	25.1	**28.3**
30.1	30.1	**31.7**	31.4	31.6	29.6	28	27.8	27.5	25.2	24.9	**24.5**	27.8
32.2	**33.5**	32.6	29.9	27.8	27.2	26.1	25.8	25.5	25.5	25.1	25.4	27.4
31.9	31.7	30.8	29.5	29	28	27.6	26.6	26.4	25.8	25.1	24.3	27.3
30.4	30.3	31.6	**31.9**	30	**28.7**	26.8	26.6	25.8	25.8	25.3	25.3	27
32.4	31.2	32.1	31.5	27.5	27.4	27.5	27.3	26.7	26.1	25.3	25	27.4
30.1	30.6	30.3	30.5	29.6	28.4	27.6	27.9	27.3	26.1	25.5	25.3	27.4
32.1	32.5	**33.6**	32.9	30.2	29.8	28.9	26.7	26.3	26.4	25.7	25.5	**28.8**
32.8	34	**34.1**	28.5	28.5	28.3	27.3	26.6	25.8	26	25.8	25.3	27.4
31.2	31.9	31.9	**32.1**	31	29.7	29	26.6	25.9	26.5	26.1	27.1	28.1
30.7	27.7	28.2	29	28.1	27.5	**26.5**	26.2	26.6	26.2	25.7	25.6	27.4
27.7	27.9	28.2	28.3	**28.5**	28.4	28	27	27	27.5	26.1	25.8	26.5
27.8	27.8	27.9	26.3	26.2	25.9	26.1	26.1	25.8	26.1	25.8	**25.6**	26.8
25	25.2	25.1	25.2	26.2	26.6	**27.3**	25.4	25.4	25.9	26.1	25.9	**25.4**
25.5	27	28.8	28.5	27.2	25.8	25.7	24.9	24.2	24.2	24.2	**24**	26.2
30.3	30.2	**30.4**	29.5	28.5	27.7	27	26.4	26	25.8	25.4	25.2	27.2

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	93	92	94	**95**	93	83	76	70	66	65	**63**
2	92	92	90	86	86	85	81	69	64	65	66	61
3	91	93	91	**97**	**97**	93	84	75	73	68	72	67
4	91	**94**	92	92	93	**93**	82	72	71	70	72	65
5	87	89	89	87	89	85	74	73	66	65	**61**	62
6	93	96	**97**	**97**	**97**	96	90	77	75	75	**73**	89
7	**97**	95	95	94	95	95	86	78	72	69	**69**	64
8	88	82	85	90	92	88	**76**	70	**65**	78	78	92
9	93	93	93	94	93	**95**	85	78	73	68	61	**57**
10	81	85	89	90	91.5	**91**	91	78	72	72	70	**66**
11	**95**	**95**	93	90	92	**95**	90	82	77	78	75	**71**
12	**97**	97	97	**98**	96	95	88	**79**	74	**70**	71	73
13	90	93	93	94	**96**	95	86	76	**71**	69	70	**67**
14	**96**	95	95	**96**	95	94	85	79	71	65	61	**59**
15	94	95	**96**	95	94	94	83	75	69	67	71	71
16	88	89	89	89	**90**	89	84	76	72.5	**74**	**65**	68
17	91	90	90	89	89	**91**	86	**79**	73	75	**69**	67
18	**94**	92	93	91	**93**	91	84	73	71	70	63	59
19	87	89	91.5	91	**93**	**93**	88	81	71	72	71	70
20	**96**	**96**	95	**93**	**94**	**95**	**93**	90	86	80	**71**	71
21	88	**94**	**94**	**94**	**94**	93	90	75	73	71	65	63
22	**92**	92	91	**94**	91	93	90	80.5	73.5	74	68	**65**
23	**94**	**94**	**94**	96	97	**99**	83	70	62	69	69	66
24	93	**94**	**97**	**95**	**97**	96	**92**	79	74	71	73	67.5
25	92	92	92	91	92	**93**	84	**75**	74	73	69	65
26	93	94	93	**95**	93	94	88	78	73	**68**	**68**	69
27	89	92	90	88	88	88	93	**97**	**98**	97	94	85
28	**84**	86	96	89	90	87	89	**92**	88	86	85	**88**
29	95	89	88	92	92	90	95	**98**	**94**	95	94	94
30	92	92	91	90	88	92	87	83	**77**	78	80	**76**
Mean	91.6	92.1	92.4	92.4	**92.8**	92.4	**86.8**	**78.8**	**74.1**	**73.3**	**71.3**	**70**

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21	20.8	20.7	20.6	**20.5**	20.7	20.7	22.2	21.4	21.2	21.9	21.2
2	20.9	20.4	19.9	19.4	19	**18.9**	20	20.4	20.9	20.7	**22.9**	22.3
3	20.5	20.5	20.1	20.3	20.2	**19.9**	20.7	21.9	**22.6**	22	22	21.8
4	21.5	21.6	21.4	21	20.8	20.9	21.1	21.3	21.9	**22.3**	21.8	21.5
5	20.8	20.6	20.4	20.3	20.4	20.3	**20.2**	21.6	21.1	21.1	21.7	21.8
6	21	20.9	20.9	**20.7**	**20.7**	20.8	21.3	22	22	21.9	22.4	22.3
7	21.9	21.6	21.6	21.3	21.4	21.6	21.9	21.9	21.9	21.7	22.5	21.5
8	21.5	21.1	21	21.3	21.1	21.3	**20.9**	21	21.9	22.3	23.3	23
9	20.7	20.4	20.1	20	**19.7**	20.3	20.9	21.6	21.9	22.1	20.8	20.7
10	21.2	21.6	21.5	21	20.9	**20.6**	21.5	21.6	22.1	22.6	22.8	22.4
11	22.5	22.2	21.8	**21.2**	21.7	21.9	22.5	23.1	22.8	22.7	**23.8**	22.2
12	21.5	21	**20.7**	20.9	20.9	21	21.8	21.6	22	22.1	22	22.2
13	22.4	22.2	22	21.8	**21.7**	21.8	23	**23.9**	23	22.9	**23.9**	23.3
14	22	21.8	21.7	21.7	**21.4**	21.5	22.4	**24**	23.3	23	**21.4**	21.8
15	22	21.9	21.9	21.6	**21.3**	21.5	22.3	23.2	22.3	22.3	22.8	22.6
16	21.2	21.1	20.9	20.6	20.4	**20.1**	21.1	2262	22.4	22.8	22.4	23.4
17	21.1	20.8	20.7	**20.4**	**20.4**	21	21.9	22.8	23	23.7	23.1	22.7
18	21	20.4	20.2	19.9	19.8	**19.7**	20.8	21.3	22.2	22.1	22.3	21.5
19	20.7	20.9	20.9	**20.6**	20.7	20.9	21.3	21.8	22.3	21.6	22.8	22.1
20	21.6	21.5	21.4	21	**21**	21	21.3	22.1	22.4	22.6	22.4	**22.8**
21	20.8	21	20.7	20.6	20.1	**20**	20.5	21.1	21.8	21.9	21.9	**22.2**
22	21.4	21.1	20.8	20.7	**20.3**	20.4	21.2	21.3	21.7	22	21.9	22.4
23	22.3	22	21.5	21.4	**21.1**	21.3	21.7	22.3	21.8	22.9	22.9	2227
24	20.9	20.3	20.2	**20**	20.2	20.2	21.2	21.9	22.3	22.6	**23.3**	22.8
25	21.7	21.6	21.5	21.1	21.1	21.3	21.8	22.3	22.2	22.5	22.9	22.1
26	22.8	22.8	22.5	22.1	22.1	22.1	22.7	22.9	22.4	22.7	21.9	22.7
27	21.2	21.2	20.9	21	20.8	**20.6**	22	22.8	23.2	23.9	**24**	23.8
28	22.6	23.3	23.5	24.1	24.2	23.4	24.2	**25.3**	25	24.5	**22.1**	22.6
29	**22.4**	21.9	21.9	**22.4**	21.9	21.4	21.9	**22.4**	22	22.1	22.1	21.8
30	21.5	21.5	21.3	21.5	21.3	21.2	21.5	22.2	22.9	**23.5**	22.7	22.8
Mean	**21.5**	21.3	21.2	21	**20.9**	**20.9**	21.5	22.2	22.3	22.4	22.5	**22.3**

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
61	62	63	63	70	72	75	81	84	85	90	90	78.3
72	89	71	59	86	92	92	92	92	93	95	96	81.9
65	62	59	83	84	84	87	87	89	92	92	92	82.4
64	59	57	63	58	69	72	77	78	80	79	85	76.2
64.5	66	86	90	92	94	95	94	94	95	96	94	82.8
85	86	76	84	85	84	90	94	93	93	95	96	88.2
68	70	69	61	75	81	83	84	87	87	85	90	81.2
86	90	80	77	83	88	92	92	92	93	92	92	85
63	63	67	72	73.5	77	83	84	86	89	84	82	79.4
68	72	82	82	82	91	94	95	95	95	95	96	84.3
76	82	82	86	89	86	90	91	92.5	93	94	94	87
78	72	72	82	90	89	86	83	83.5	83	84	89.5	84.5
67	67	72	82	82	88	88	90	93	94	93	94	83.5
59	70	64	69	74	80	88	90	93	93	95	95	81.7
69	64	69	72	79	78	86	89	90	90	89	87	81.9
66	64	59	64	66	68	74	78	86	89	88	90	77.7
72	73	69	73	65	71	80	80	81	88	91	92	80.2
60	56	62	71	79	81	86	87	88	88	89	84	79.4
64	65	67	70	78	84	81	85	86	89	92	96	81.4
71	70	63	62	72	78	88	86	88	84.5	87	88	83.2
58	62.5	61	64	86	89	81	83	83	87	91	92	80.5
71	69	71	70	74	81	86	80	84	91	93	93	82
61	60.5	56	60	74	75	78	89	92	90	89	89	79.4
62.5	53	53	77.5	79	79	83	87	91	91	91	92	82
62	59	61	63	69	75	77	83	92	90	91	86	79.2
71	91	84	78	81	84	87	88	85	87	90	87	84.1
85	82	79	78	77.5	77	79	86.5	86.5	83	94	95	87.6
88	90	88	98	98	90	97	95	97	94	95	94	91
92	89	89	87	83	80	81	88	87	81	78	85	89
93	88	77	77.5	77	85	88	92	97	97	97	97	87.1
70.7	71.5	70.3	73.9	78.7	81.5	84.9	87	88.8	89.5	90.5	91.1	82.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.1	21.8	22.4	22	22.4	22.1	21.3	21.5	21.6	21.4	21.4	20.9	21.4
22	22.1	21.9	21.1	21.8	22.1	21.8	21.1	21.4	21.3	21.3	21.1	21
22.5	22.4	21.1	21.8	22.6	22.6	21.3	21.5	22	22.1	22.1	21.8	21.5
22.4	22.1	21.5	22.5	21	21.4	20.7	20.9	20.7	20.9	20.5	20.9	21.4
21.9	21.4	22.3	22.3	22.4	22.6	22.4	22.3	22	21.8	21.7	21.5	21.5
22.9	22.4	22.8	22.9	22.9	22	22.3	22.4	22.3	22.3	22.1	21.9	21.9
22.7	21.6	20.7	20.2	22.1	22.3	22.2	21.8	21.6	21.7	21.4	21.8	21.7
23.4	23.4	23.1	22	21.8	21.7	21.8	21.6	21.4	21.4	21.1	20.9	21.8
21.7	20.8	22.4	22.2	21.8	21.7	22.3	21.9	21.8	21.9	21.8	21.4	21.3
22.5	23.6	23	23	22.8	23.8	23.4	23.5	23.2	22.9	22.7	22.8	22.4
22.8	22.9	22.7	22.4	22.3	21.8	22	22	22	22	21.3	21.5	22.3
23.2	23.5	23.4	23.6	23.5	23.5	23.1	22.5	22.4	22.3	22.1	22.6	22.2
22.5	22.5	22.1	23.6	23.1	22.3	22.9	22.5	22.4	22.4	22.1	22	22.6
21.4	23.3	22.9	22.9	23.5	23.4	23.6	23.1	22.8	22.6	22.6	22.5	22.5
23.5	22.8	23.7	23.5	24.1	22.6	23	22.8	22.6	22.6	22.1	21.3	22.5
24	24.5	23.5	21.5	22.3	21.6	22	22.3	22.4	22.4	21.5	21.3	22
22.9	23.3	24	25.1	22.5	21.9	22.5	22.2	22.2	21.1	21.2	21.1	22.2
21.3	21.6	22.8	22.2	21.8	21.6	21.7	21.5	21.4	21.3	21.1	20.3	21.2
22.6	22.7	22	21.3	23.1	23.5	22.1	21.9	21.9	22	21.7	21.6	21.8
22.8	22.3	21.9	21.8	22.7	22.7	23	22.2	21.9	20.8	20.8	21	21.9
21	21.1	21.8	22	23.4	24.1	22.2	22.3	21.7	21.8	21.8	21.6	21.6
22.6	22.6	22.7	22.8	22.8	23.3	23.6	22.3	22.7	22.9	22.6	22.3	22
21.8	22	21.5	22.1	23.7	23.5	23.2	23.1	23.3	23.1	21.9	21.7	22.3
23.1	20.9	21	22.4	22.8	22.5	22.3	22.6	22.4	22.7	22.4	21.9	21.8
20.9	20.7	21.3	22.2	22.9	23.1	22.9	21.5	22.8	23	22.9	22.8	22
23.3	24.9	28.8	23.1	22.9	23	22.4	22.2	21.9	22	22.1	21.2	22.6
23.5	22.7	22.4	22.3	22.4	22.3	22.1	22.9	22.9	22.6	23.4	23.5	22.4
24.3	24.9	24.7	25	24.9	23.8	24.3	23.9	23.9	23.7	23.5	22.9	23.9
21.6	21.2	21.1	20.7	21	20.7	21.7	21.1	20.9	20.2	19.5	21.2	21.5
22.6	23.3	22.6	22.4	20.6	21.1	21.5	21.6	21.8	21.8	21.8	21.6	21.9
22.5	22.5	22.4	22.4	22.6	22.5	22.4	22.2	22.1	22	21.8	21.7	22

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-Cu.	Cu.	Ci.-Cu.	Cu.	Ci.-Cu.	Cu. E	Ci.-Cu.	Cu.-N. E	Ci.-Cu.	Cu.-N.
2	Ci.	Cu.	Ci.	Cu.	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
3	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N.	Ci.	Cu. E	----------	Cu. E
4	Ci.-Cu.	Cu.	A.-Cu. E	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
5	Ci.-S.	Cu.	Ci.-S. WNW	Cu.	Ci.-Cu. N	Cu. ESE	Ci.-S. WNW	Cu. ESE	Ci.-S.	Cu.
6	Ci.-Cu.	Cu.	Ci.	Cu.	Ci.-S.	Cu.	A.-Cu.	Cu. E	----------	N.
7	----------	Cu. SEbyS	----------	Cu. SE	----------	Cu. SE	Ci. NbyW	Cu.	Ci. NbyW	Cu.
8	Ci.	Cu.	----------	Cu. SE	----------	N.-cf. SE	----------	Cu.-N.	----------	N.
9	Ci.	Cu.	A.-Cu. E	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	Ci.	Cu.-N.
10	----------	Cu.	A.-Cu.	Cu.	Ci.	Cu.	Ci.-Cu. ESE	Cu.	Ci.-Cu.	Cu.
11	Ci.	Cu.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.-N.
12	Ci. EbyN	Cu.	Ci. ENE	Cu.	Ci.	Cu. SSW	----------	Cu. SSW	----------	Cu.-N.
13	Ci. NNE	Cu. SSW	Ci.	Cu. SW	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
14	Ci.	Cu. ESE	----------	Cu. SE	----------	Cu. SE	Ci.	Cu.	----------	Cu.-N.
15	Ci.	Cu.	Ci. SSE	Cu. ENE	Ci.	Cu. EbyN	Ci.	Cu. EbyN	Ci.	Cu.-N.
16	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu.
17	Ci. NE	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu.-N. E
18	Ci.	Cu.	----------	Cu.	----------	Cu. ESE	Ci.	Cu. SE	Ci.-Cu.	Cu.
19	Ci.-S. NE	Cu.	Ci.-S. NE	Cu.	Ci.-S.	Cu. ESE	Ci.-S	Cu. ESE	Ci.-S.	Cu. ESE
20	----------	S.-Cu. ESE	----------	S.-Cu. ESE	Ci.-S.	Cu.	Ci.-S	Cu.	Ci.-S.	Cu.
21	A.-Cu.	Cu. ESE	A.-Cu.	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S. NE	Cu. ESE
22	Ci.	S.-Cu. E	Ci.-S.	Cu. E	A.-Cu. ESE	Cu. E	A.-Cu.	Cu. ESE	Ci.	Cu.-N. ESE
23	Ci.-S.	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	A.-Cu.	Cu. ESE	A.-Cu. SSE	Cu. ESE
24	A.-Cu. E	Cu.	A.-Cu. E	Cu.	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.
25	Ci.-S.	Cu.	Ci.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu.
26	Ci.-S.	Cu. NWbyW	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.
27	----------	N.	----------	N.	----------	Fr.-N. WNW	Ci.-S.	N.-cf. WNW	Ci.-S.	N.-cf. NW
28	A.-Cu. NWbyN	N.-cf. WSW	A.-Cu.NWbyN	N.-cf. WSW	Ci.-S.	N.-cf.	Ci.-S.	N.-cf. WSW	----------	N.-cf. WSW
29	----------	N.	----------	Fr.-N.	----------	N.	----------	N. WSW	----------	Fr.-N. WSW
30	Ci.-S.	Cu. SW	Ci.-S.	S.-Cu. SW	Ci.-S.	S.-Cu. SW	----------	N.-cf. SW	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
2	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.
3	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	S.-Cu. E	----------	Cu.
4	----------	Cu. E	Ci.	Cu.-N. E	----------	Cu.-N. E	Ci.	Cu.	Ci.	Cu.-N.
5	----------	Cu. E	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	N.-cf. E
6	----------	Cu. E	Ci.-S.	Fr.-N.	A.-Cu.	Cu.-N. ESE	A.-Cu.	Cu.-N. ESE	A.-Cu.	Cu.-N.
7	Ci. NbyW	Cu.	Ci.	Cu. SE	----------	Cu. SE	Ci.	Cu.	Ci.	Cu. SE
8	----------	N.	A.-Cu.	N. S	A.-Cu.	N.-cf.	----------	N.-cf.	----------	N. SW
9	A.-Cu. S	Cu.-N. SSE	----------	Cu.-N. SSE	----------	Cu.-N. SSE	----------	N.	----------	N. SSE
10	Ci.-Cu.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E	Ci.-S.	Cu.-N. E	----------	Fr.-N.
11	----------	Cu.-N.	----------	Cu.-N. SW	----------	N. SW	----------	N. SW	----------	N. SW
12	----------	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu.-N.	----------	Fr.-N. SSW	A.-Cu.NbyE	Cu.-N. SSW
13	Ci.-S.	Cu.	----------	Cu.-N.	----------	Cu.-N. SSW	----------	Cu.-N. SSW	----------	S.-Cu. SW
14	----------	Cu.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N.
15	----------	Cu.-N.	----------	Cu.-N.	----------	Cu. ESE	----------	Cu.-N.	----------	Cu.-N.
16	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-Cu.	Cu.-N.	Ci.-Cu.	Cu.-N.
17	Ci.	Cu.-N. E	Ci.	Cu.-N. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.
18	Ci.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.-N. SSE	----------	Cu.-N. SSE	Ci.	Cu.-N. SSE
19	Ci.	Cu. ESE	----------	Cu. SE	----------	Cu.-N. SE	Ci.-S.	Cu.	Ci.-S.	Cu.
20	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu. ESE	Ci.-S.	Cu.
21	Ci.-S.	Cu. ESE	Ci.	Cu. ESE	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.
22	Ci.-S.	Cu. ESE	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.	Ci.-S.	Cu.
23	A.-Cu. SSE	Cu. ESE	A.-Cu. SSE	Cu. ESE	A.-Cu. SSE	Cu.	A.-Cu. SSE	Cu. ESE	Ci.-S.	Cu.-N.
24	Ci.	Cu. ESE	----------	Cu.-N.	----------	Cu.-N.	----------	N.-cf. ESE	----------	S.-Cu.
25	----------	Cu.	Ci. E	Cu.	Ci. E	Cu.-N.	Ci. E	Cu.-N.	Ci. E	Cu.
26	Ci.-S. SE	Cu.	----------	N.-cf. E	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu.
27	----------	N. NW	Ci.-S.	N.-cf. NNE	Ci.-S.	Cu. NNW	----------	Cu. NW	Ci.-S.	Cu. NWbyW
28	----------	N. WSW	----------	N.-cf. WNW	----------	N. W	----------	N.	----------	N.
29	----------	N. WSW	----------	Fr.-N.	----------	Fr.-N. WSW	----------	Fr.-N. WbyS	Ci.-S.	Fr.-N. WSW
30	----------	N.-cf. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Cu.	Ci.-S.	Cu.-N. SW	A.-Cu.	Cu.-N. SW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ENE 1	NE 1	NNE 1.5	Calm	NE 1	NNE 0.5	NE 1	NE 0.5	WNW 0.5	WSW 1	WSW 1	WSW 1.5
2	E 1	ENE 1	NNW 2	NNE 1.5	NNE 1.5	NNE 1.5	NE 2.5	Calm	Calm	WNW 1	W 2	W 1.5
3	NNE 1.5	N 1.5	NE 1.5	Calm	Calm	NE .5	ENE 1	EbyS .5	WSW .5	SW 1	WbyN 1.5	NW 1
4	E 1	ENE .5	NNE .5	NE 1	NE 1	Calm	Calm	Calm	ENE 1	SW 2.5	W 1	WSW 2.5
5	Calm	E .5	E 1	NNE 1	NE 1	NNW 1.5	Nbyw 5	NNE 2	NE .5	NE .5	SSE 1.5	SSE 1.5
6	NNE 1.5	NNE 1	NE 1	NE 1	NE 1	Calm	Calm	Calm	NW .5	W 2	W 2.5	E 4
7	ESE 1.5	ESE 1	ESE 1	ESE 1.5	ESE 1	ESE .5	E 1.5	SE 4	ESE 5.5	E 6	ESE 8	SE 6
8	SE 2.5	SE 3.5	SE 2.5	SSE 1.5	SSE 1.5	SSE .5	SSE .5	SE 2	SW 2.5	WSW 3	W 1	Calm
9	ENE 1.5	ENE .5	Calm	Calm	Calm	NE .5	ENE .5	ENE 1	ESE 1.5	SE 1	SSE 1.5	S .5
10	SSW 3.5	S 1.5	ESE .5	E 1.5	E 1.5	Calm	Calm	W .5	W 1.5	SW 2.5	WNW 2.5	WNW 4.5
11	ESE 1	SE 1.5	E 1.5	NW 4	SW 1.5	E .5	ESE .5	SE .5	SSW 2	WSW 3	WSW 3	WSW 5
12	ESE 1	ESE 1.5	ESE 1	SE 1.5	SE 1.5	SE .5	SE .5	SSE 1.5	S 2.5	S 1	SE 1	SW 2
13	Calm	ESE 1	Calm	ENE 1	Calm	EbyN .5	Calm	EbyS .5	SSE .5	SW 2	W 3	WbyN 4
14	ENE 1	E 1	E 1.5	E 1	Calm	Calm	Calm	SE 1	SE 3	SE 2.5	ESE 4.5	SE 3
15	Calm	Calm	E .5	Calm	E 1.5	E .5	NE .5	EbyN .5	EbyN .5	NbyW .5	NW 1.5	WNW 2.5
16	NNW 1.5	N 3	NNE 2.5	NNE 2	N 2	N 1	N .5	Calm	E .5	SE 1.5	SE 1.5	WSW 3
17	NNE 2.5	NNE 1.5	NNE 3	NNE 2.5	NNE 2	Calm	NE .5	NE 1	SSE 1	WSW 3.5	W 1.5	WSW 3
18	NNE 2	NNE 1.5	NNW 1	N .5	Calm	NNE 1	Calm	SW .5	SW 2	SSW 2.5	ESE 2.5	ESE 4
19	SE 1	ESE 1.5	ESE 1.5	E 1.5	ENE 1	ENE .5	ENE .5	NNW 1	WNW 1.5	W 4	NW 3.5	WNW 6
20	NNE 1.5	Calm	NNE 1	NNE 1.5	NE 1	Calm	ENE .5	Calm	Galm	Calm	NW 2	WNW 2
21	ENE 1	SSE .5	Calm	ENE 1	ENE 1	NE .5	ENE 2.5	ENE .5	ENE .5	ESE 2	ESE 2.5	ENE .5
22	Calm	NNE 1	NNE 1	Calm	NNE 1.5	E .5	Calm	Calm	WNW 1.5	WSW 1	WNW 2	NW 2.5
23	ENE 1	ENE 1.5	NE 1.5	NE 1.5	NE 1	Calm	ENE .5	ENE .5	S .5	WSW 1	W 1.5	WNW 2.5
24	S 2.5	ESE 1.5	E 1.5	Calm	Calm	ENE .5	Calm	Calm	Calm	W 2.5	W 1	W 2.5
25	Calm	NNE 1	NE 1.5	NE 2.5	NNE 1.5	Calm	NE .5	NE .5	SW 1	SW 1	SW 3	SW 3.5
26	Calm	Calm	NE 1	NE 1	NE 1	Calm	Calm	Calm	NW .5	NNW 2	W 2	W 4.5
27	W 2	NW .5	N 1	N 1.5	NNE 1.5	NE .5	NNE .5	NE .5	N 1	NW 2.5	NNW 2.5	NW 2.5
28	WNW 3.5	WSW 2.5	WNW 1.5	SW 9	WSW 6.5	WSW 10	WSW 6.5	WSW 10.5	SW 10.5	SW 10	SW 12	SW 3
29	swbys 15	swbys 16	swbys 16	swbys 15.5	SSW 14.5	wsw 22	WSW 20	WSW 20	WSW 20	WSW 17	SW 18	SW 16
30	SSW 2	SSW 2	S 4.5	S 6.5	S 3.5	SSE .5	SSE .5	SSE .5	SE 1.5	SE 1.5	SE 2	S 3.5
Mean	1.8	1.7	1.8	2.1	1.7	1.5	1.6	1.7	2.2	2.7	3.1	3.3

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SSW 1	SE 1	NW 0.5	SE 3.5	SE 4	ENE 1.5	ENE 1.5	SE 1.5	ESE 2	E 1	ENE 1.5	Calm	1.2
2	NNE .5	Calm	Calm	Calm	ENE 5	SSW .5	NE 1.5	NNW 1.5	Calm	Calm	Calm	Calm	1
3	W 3	S .5	E 3.5	NE 4.5	E .5	E 2	E 1	ESE 3	E 1	E 1.5	ENE .5	E 1	1.4
4	WSW 2	E 1	SE 5	NE .5	ENE 2	NE 1	ESE 2.5	ESE 2.5	ESE 2.5	ESE 2	ESE 3.5	E 1	1.5
5	ESE .5	S 1	WSW 3	E 2.5	SW .5	Calm	SSE 1	Calm	Calm	ESE 1	NE 1	NNE 2	1.2
6	ENE .5	SE 2.5	ESE 2	SE 2.5	Calm	NE 2	ESE 2.5	ESE 1.5	ESE 2	ESE 2	E 1	E 1	1.4
7	SW 4	SE 3	SE 4	SE 4.5	SSW 3	SSW 3	S 2	SSW 3.5	SSW 2.5	SSE 1.5	S 2.5	E 1	3
8	Calm	SW 1	NE .5	W 1.5	WSW 6	SSW 1.5	E 1.5	ENE 1.5	ENE 1	E 1	E 1	E 1	1.6
9	SW 4.5	WSW 3.5	SW 6	SW 1.5	SSW 1	SE 2	SSE 1	ESE 1	ESE 1	SSE 1	SSW 2	SSW 2	1.5
10	SSW 2.5	SSW 5	SW 4	SSW 3.5	SSW 2	SE 1	SE 1.5	SE 1.5	SE 1	SE 1	SE 1	Calm	1.8
11	SW 5	SSW 4.5	SW 6	SW 5	SSW 4.5	SW 5	SSW 4.5	SSW 3.5	SSW 2.5	SSW 2	SE 2.5	SSE 1.5	2.9
12	Calm	WSW 3	SW 4	SbyW 4	W 1	SW 3	SW 4.5	SSW 4.5	SSW 3.5	S 3.5	S 2	S 1.5	2.1
13	WSW 5.5	WSW 4.5	SSW 6.5	SW 5	SW 4.5	S 2.5	Calm	E 1.5	Calm	ESE .5	E 1	ENE .5	1.9
14	ESE 3.5	ESE 2.5	WSW 5	SW 3.5	WSW 2	SW .5	Calm	E 1	Calm	ESE 1	SE .5	ENE .5	1.6
15	WSW 4.5	SSW 3	SW 4	SW 4.5	WSW 5	SE 1	NE 2.5	Calm	NNE 1	NE 1.5	NE 2	NE 2	1.6
16	SSE 1.5	SE .5	SSE 1.5	SE 3	SE 3.5	SE 3.5	SE 3.5	ESE 1.5	NNW 1.5	Calm	N 2	NNE 1.5	1.8
17	WNW 1	N .5	NNE .5	Calm	SE .5	SSE 2	SSE .5	SSE 1	SE 1	NNW 5.5	NNW 3.5	NNE 2.5	1.7
18	E 2.5	SSW .5	WNW 1.5	NNW 3.5	NNW 4.5	NE 1	NE .5	NE 1.5	E 1.5	Calm	E 1	SSE 1.5	1.5
19	WNW 4	W 3.5	NW 2	NE 2.5	NNE .5	NNE .5	ESE 2.5	E 2	ESE 2	E .5	E 1.5	Calm	1.9
20	WNW 1.5	W 2.5	W 1	W 2.5	NNE .5	Calm	ESE .5	ESE 1	ESE 1.5	ESE 2.5	ESE 2.5	ESE 2	1.1
21	ENE 1.5	WNW 2.5	NW 1	W 2.5	N 1.5	SE 1	ESE 2	ESE 2.5	ESE 2.5	ESE 1.5	ENE 1	ENE 1	1.4
22	NNW .5	Calm	ESE 1	NE 1.5	NE .5	Calm	E 1	SE 3	SSE 1.5	S 1	SE .5	Calm	.9
23	SSE 3.5	SE 1	SE 2.5	SE 2	SW 2.5	WSW 2	NE 1	SSE 1	SSE 1.5	N 1.5	N 2.5	NNW 2.5	1.5
24	WNW 1	SE 2.5	E 2.5	S .5	W 2	SSW 3	S .5	Calm	Calm	E 1	ESE 1	ENE 1	1.1
25	WSW 5	W 3	WSW 5	SW 5	SW 5	SW 6	SW 2.5	SE 3	Calm	SW 1.5	SSE .5	SW 2	2.3
26	SW 3.5	NE .5	SW .5	SW 1	SW 1	S .5	SE .5	SSW 2	SE 1	SE 1	SE .5	WSW 3	1.1
27	NW 2	WNW 5.5	WNW 2	WNW 8	WNW 8	WNW 3	NW 4	WNW 3.5	WNW 5.5	WNW 3.5	N 2	NNW .5	2.7
28	SW 10.5	SW 11	SW 12	SW 10	W 7	SW 13	SWbyS 16	SWbyS 16	SWbyS 17.5	SWbyS 16	SWbyS 14	SWbyS 13.5	10.1
29	SW 16	SWbyS 14.5	SW 15	swbyw 14	WSW 13	WSW 15	WSW 10.5	SW 8	WSW 5.5	WSW 7.5	WSW 4.5	S 3.5	14
30	SSW 2	S 1	S .5	SSE 5	SSW 9	SW 5	SW 2.5	SE 2	SSW 2.5	E 1.5	E 1.5	SE 2	2.6
Mean	3.1	2.8	3.4	3.6	3.3	2.7	2.5	2.5	2.2	2.2	2	1.7	2.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	0	3	2	1	1	4	3	3	9	11	11
2	1.5	3	3.5	7	6	6.5	6	3	.5	7	16	14
3	5	5	5	.5	.5	1	2	3	3	6	6	7.5
4	3	2.5	4	4.5	4.5	4	2	1.5	4	4.5	11	10
5	6	2	3	3	5	6	9	8	10	4	10	10
6	3.5	4.5	1	0	.5	1.5	1	0	2	8	10	11
7	5	5	4	4	3	4	6	6	14	18	21	21
8	3.5	11.5	10.5	5	5	8.5	6.5	8	8.5	8.5	9	5.5
9	2	2	3.5	1	1.5	2	4	5	7.5	9.5	10	5
10	8.5	9.5	2.5	3.5	5	2	3	5	8	6.5	8.5	10
11	3	4	4	4	11	3.5	5	5.5	5	9	16	12
12	4	2.5	4	3.5	3	6	3.5	5	9	8	7	6
13	2	2	4	3	2.5	3.5	2	5	2.5	7.5	12	11
14	3.5	3.5	2.5	4.5	1	2	1	2.5	7.5	10	16	12
15	3	2	1	1.5	4.5	3	4	4	3	4	12	14
16	5.5	6	8	8	5	3	1	1	1	6	6.5	11.5
17	7	6.5	7.5	8	8	3.5	.5	1	1	7	10	11.5
18	7	5.5	4.5	3	0	1	2	0	3.5	10.5	11	11
19	3	5	2	5	4	4	4.5	2.5	6	10	15	13.5
20	3.5	2.5	1.5	5	5.5	2	3	3	.5	2.5	3	7.5
21	6.5	2	3	4	4	2.5	5.5	6	3	5	8	8
22	3.5	2.5	4	3.5	4	5	2	1	3	7	13.5	11.5
23	3	3.5	5.5	3	3	.5	.5	3	1	7	10	12
24	10	6	4	6	2	2	3	3	3	4	10	10
25	2.5	2.5	5	8	6.5	2.5	2	1	1	6.5	8.5	10
26	6	2	4	4	5	4	3	3	5	8	14	11.5
27	9.5	4	2.5	4.5	3.5	4	.5	.5	.5	6.5	9	14
28	6.5	14	3	20	30	22	28	34	32	38	37.5	32
29	61	60	63	61	58	58	67	65	61	57	52	56
30	12	16	14	18	20.5	11.5	9.5	8.5	7.5	11	10.5	16
Mean	6.7	6.6	6.2	6.9	7.1	6	6.4	6.6	7.2	10.2	13.1	13.2

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	7	5	4	5	5	9	9	9	6	8	7	4	6.5	5 50
2	3	2	1	3	4	5	7	6	4	5	10	9	4.9	7 15
3	4	3	4	9	8	9	9	6	8	9	8	10	7.2	6 05
4	9	4	5	8	8	8	8	7	7	5	5	8	6.8	8 00
5	8	9	7	9	8	10	9	10	10	10	10	10	9.2	3 05
6	9	5	5	6	8	10	10	10	10	10	10	8	8.4	2 40
7	8	7	5	4	4	5	9	8	8	7	8	9	6.8	6 40
8	7	4	7	8	10	10	10	10	10	10	10	10	8.8	2 30
9	2	4	6	6	4	5	5	10	10	10	10	10	6.8	5 50
10	8	8	6	6	4	8	9	9	10	10	10	10	8.2	4 00
11	8	7	7	7	7	7	9	9	10	10	10	10	8.4	3 35
12	9	8	8	7	8	10	9	7	8	10	9	8	8.4	4 20
13	8	8	8	8	8	8	6	5	10	10	10	10	8.2	6 30
14	9	4	4	4	5	5	7	7	7	8	10	10	6.7	5 10
15	5	5	6	6	8	8	8	8	7	7	10	10	7.3	5 55
16	7	7	6	6	6	5	6	7	7	6	5	7	6.2	3 25
17	9	9	10	8	8	8	9	9	9	8	7	8	8.5	3 25
18	7	1	3	4	4	6	6	7	8	9	10	9	6.2	7 10
19	9	8	7	8	7	9	7	7	8	9	9	8	8	4 40
20	8	9	9	8	9	9	8	9	7	7	7	7	8.1	1 15
21	8	5	5	5	7	7	7	7	7	8	7	8	6.8	5 50
22	9	10	9	8	7	8	9	8	9	9	9	10	8.8	2 40
23	8	7	6	7	7	8	7	5	4	5	5	5	6.2	6 30
24	7	4	3	4	4	3	4	6	8	10	9	8	5.8	7 05
25	8	5	6	8	6	4	4	5	5	7	6	5	5.8	7 20
26	9	9	7	8	9	9	9	10	10	10	10	10	9.2	2 25
27	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
28	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
29	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
30	9	9	10	10	10	10	10	10	10	10	10	10	9.8	0 05
Total														129 15
Mean	7.7	6.5	6.5	7	7.1	7.8	8	8	8.2	8.6	8.7	8.7	7.7	4 18

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
9	5	4	7	14.5	12.5	6.5	6.5	5.5	5	3.5	6	5.6
16	7	3	5	15	8	2	6	4	3	2	2	6.1
10	10.5	10	18	10	2	14.5	10	6.5	5	3.5	3	6.1
12	10	16	6	7	9	6	10	8	9	9	6	6.8
7	7	15	7	2.5	2	2.5	2	2.5	2.5	2	6	5.6
5	6	9	9	4	7	1	7	7	5	5	3	4.6
19	11	15.5	18	16	13.5	10.5	12.5	9	7	8	5.5	10.7
3	6	5	2.5	6.5	17.5	2	5	3.5	4	3	4.5	6.4
13	12	18	9	7	8	4	4	2.5	2.5	8	9	6.2
9	14	14	14	10	5	6	2	4	2.5	3	2.5	6.6
18.5	15.5	25	20	22	18	17	13	11	8	9	5.5	11
6	6	10	8	11	3	16	14	17	11	10	6	7.5
16	16	21	19	20	14	3	4.5	4	1.5	3.5	3.5	7.6
13	11	12	16	8	10	2	4	1.5	2.5	2.5	2.5	6.3
13	10	13	17.5	14	7	6	4	2.5	2.5	4	7	6.5
9	7	8.5	14.5	18	14	11	9	5.5	.5	3	7	7.1
11	6.5	2.5	1	4.5	5	3	4	4	10	14	9	6.1
9	5	13	13	15	7	4	2	3	2	1.5	6.5	5.8
11	14.5	10.5	9.5	3	1.5	5.5	5.5	7.5	5	4.5	1.5	6.4
9	8.5	10	9	3.5	6	.5	.5	0	5	6.5	6.5	4.4
7	8	6	9.5	7	1	7.5	9	9	6	4	4.5	5.7
6	3	4	6	10	2	0	3	8.5	4	3.5	2	4.7
8	9	8	11	15	10	9	4	7	4	10	7	6.4
7.5	9.5	11	12	9	8	7	3.5	1	2	2.5	3	5.8
12	12	18	17	16	20	15	14	3	3	4	5	8.1
13	5.5	4	5	10	3	4	3	5	3.5	3.5	6	5.6
11	12	18	17	19	19	20	13	17	17	7	2.5	9.4
27	35.5	41	36	34	26	59	63	63	64	62	55	35.9
47	50	56	49	40	44	38	40	28	31	19	18	49.1
15	12	8.5	13.5	18	19	10	5	6	6	6	7	11.7
12.4	11.5	13.5	13.3	13	10.7	9.8	9.4	8.5	7.8	7.6	7.1	9.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	-----	2	4	4	1	1	4	-----	-----	1	-----	3	-----	1	1	-----	2	135	4.2	-----
2	-----	5	2	1	1	-----	-----	-----	-----	1	-----	-----	2	1	-----	2	9	147	2.4	11.9
3	1	1	3	2	7	2	-----	-----	1	-----	1	1	1	1	1	-----	2	147.5	3.4	-----
4	-----	1	4	3	3	5	1	-----	-----	-----	1	2	1	-----	-----	-----	3	163.5	4.6	-----
5	1	3	4	-----	3	2	-----	3	1	-----	1	1	-----	-----	-----	1	4	134	2.1	9.4
6	-----	2	4	1	3	5	2	-----	-----	-----	-----	-----	2	-----	1	-----	4	111	1.2	17.8
7	-----	-----	-----	-----	3	8	5	1	2	4	1	-----	-----	-----	-----	-----	-----	256.5	4.5	.3
8	-----	-----	1	2	4	-----	4	4	-----	1	2	2	2	-----	-----	-----	2	152.5	.9	11.5
19	-----	-----	1	4	-----	3	2	3	1	3	3	1	-----	-----	-----	-----	3	150	4.1	-----
0	-----	-----	-----	-----	2	1	6	-----	1	5	2	-----	2	2	-----	-----	3	158	2.7	5.3
11	-----	-----	-----	-----	2	2	3	1	-----	7	5	3	-----	-----	1	-----	-----	264.5	2.2	2.3
12	-----	-----	-----	-----	-----	2	5	2	5	3	4	1	1	-----	-----	-----	1	179.5	2	8.7
13	-----	-----	-----	2	3	3	-----	1	1	1	3	2	1	1	-----	-----	6	183	3.2	-----
14	-----	-----	-----	2	4	4	5	-----	-----	-----	2	2	-----	-----	-----	-----	5	151	3.5	.6
15	1	1	5	-----	5	-----	1	-----	-----	1	2	2	-----	1	1	-----	4	156.5	3.6	-----
16	5	3	-----	-----	1	1	7	2	-----	-----	-----	1	-----	-----	-----	2	2	169.5	4.6	-----
17	1	7	2	-----	-----	-----	2	4	-----	-----	-----	2	1	1	-----	2	2	146	3.6	-----
18	1	3	3	-----	3	2	-----	1	-----	2	2	-----	-----	1	-----	3	3	140	4.1	-----
19	-----	2	1	3	4	4	1	-----	-----	-----	-----	-----	2	3	2	1	1	154	3.6	-----
20	-----	4	1	1	-----	6	-----	-----	-----	-----	-----	-----	3	2	1	-----	6	104.5	2.9	-----
21	1	-----	1	10	-----	6	1	1	-----	-----	-----	-----	1	1	1	-----	1	136	4.1	.5
22	-----	3	2	-----	2	1	2	1	1	-----	-----	1	-----	2	1	1	7	112.5	3	.3
23	2	-----	4	4	-----	-----	3	3	1	-----	1	2	1	1	-----	1	1	154	4.1	4.2
24	-----	-----	-----	2	3	2	1	-----	3	1	-----	-----	4	1	-----	-----	7	139	4	-----
25	-----	2	4	-----	-----	-----	1	1	-----	-----	10	2	1	-----	-----	-----	3	195	4.8	-----
26	-----	-----	4	-----	-----	-----	4	-----	1	1	4	1	2	-----	1	1	5	135	1.6	8.2
27	4	2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	8	5	2	-----	226.5	1.2	7.4
28	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15	6	1	2	-----	-----	-----	862.5	.5	35.6
29	-----	-----	-----	-----	-----	-----	-----	-----	1	1	10	12	-----	-----	-----	-----	-----	1,179	.5	88.4
30	-----	-----	-----	-----	2	-----	5	4	6	5	2	-----	-----	-----	-----	-----	-----	281	1.3	12.3
Total	17	41	52	41	56	60	65	32	25	37	71	47	29	29	16	16	86	6,624	88.5	224.7
Mean	0.6	1.4	1.7	1.4	1.9	2	2.2	1.1	0.8	1.2	2.4	1.6	1	1	0.5	0.5	2.9	220.8	3	7.5

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	**760.70**	8.55a.	33.2	3.25p.	95	**22.4**	757.70	3.55p.	23.2	5.15a.	61	20.5
2	60.05	11.15p.	33.5	4.10p.	96	22.9	57.06	4.00p.	23.4	5.15a.	59	**18.9**
3	59.45	0.05a.	33.7	2.45p.	97	22.6	55.95	2.55p.	22.6	5.25a.	59	19.9
4	58.75	0.05a.	34.1	2.50p.	94	22.5	55.36	4.00p.	23.5	5.30a.	57	20.5
5	57.90	0.15a.	33.3	11.20a.	96	22.6	55.15	2.25p.	24	3.35a.	61	20.2
6	57.05	10.10p.	30.8	11.30a.	97	22.9	54.25	3.45p.	23.2	4.50a.	73	20.7
7	58.80	10.35p.	32.6	0.40p.	97	22.7	55.22	4.00p.	23.6	5.35a.	61	20.2
8	60.50	10.05p.	31	9.00a.	93	23.4	57.80	3.00a.	23.9	11.55p.	65	20.9
9	60.15	10.05p.	33	11.55a.	95	**22.4**	**57.95**	4.15p.	**22.5**	4.55a.	57	19.7
10	59.65	0.05a.	32.2	0.20p.	96	23.8	56.65	3.25p.	23.9	5.50a.	66	20.6
11	58.85	10.55p.	30.8	11.30a.	95	23.8	56.23	4.00p.	24.3	11.05p.	71	21.2
12	59.65	11.50p.	32.5	3.15p.	98	23.6	56.70	2.50p.	23.3	4.00a.	70	20.7
13	60.60	10.20p.	32.7	0.35p.	96	23.9	57.75	3.20p.	23.9	5.25a.	67	21.7
14	59.85	11.00p.	34	0.55p.	96	24	57.02	4.00p.	24.1	5.30a.	59	21.4
15	60.30	10.30p.	33.8	2.15p.	96	24.1	56.85	3.05p.	23.9	5.25a.	64	21.3
16	60.28	8.00a.	34.7	2.50p.	**90**	24.5	56.65	4.10p.	23.8	5.40a.	59	20.1
17	60.40	9.55p.	32.4	5.20p.	92	25.1	56.70	3.30p.	24	5.25a.	65	20.4
18	60.05	0.05a.	**35.1**	1.45p.	94	22.8	56.61	3.00p.	22.8	5.25a.	56	19.7
19	60.29	8.00a.	33.1	1.45p.	96	23.5	57.67	3.00p.	23.6	5.05a.	64	20.6
20	60.30	8.45a.	33	3.30p.	96	23	57.70	4.30p.	23.7	5.35a.	62	20.8
21	59.90	8.45a.	33.7	1.25p.	94	24.1	56.69	4.00p.	22.9	5.35a.	58	20
22	59.05	8.55a.	32	0.10p.	94	23.6	55.87	4.00p.	23.4	5.45a.	65	20.3
23	59.45	11.20p.	34.5	3.20p.	**99**	23.7	55.35	3.55p.	23.2	5.45a.	56	21.1
24	59.45	0.30a.	34.8	2.45p.	97	23.3	55.20	2.50p.	**22.5**	5.25a.	**53**	20
25	57.85	0.10a.	33.1	2.25p.	93	23.1	54.60	4.20p.	24	5.45a.	59	20.7
26	56.40	0.05a.	32.2	0.25p.	95	24.9	53.55	5.05p.	24.5	4.10a.	68	21.2
27	55.10	0.05a.	28.6	5.10p.	98	24	51.05	midnight.	24.5	2.20a.	77	20.6
28	**51**	0.05a.	29.1	8.40a.	98	**25.3**	**45.55**	6.40p.	**25.1**	11.55p.	**84**	**22.1**
29	51.70	11.00p.	**27.4**	7.15p.	98	**22.4**	45.75	2.00a.	23.8	7.25a.	78	19.5
30	56.90	11.15p.	30	0.15p.	97	23.5	51.05	2.40a.	23.9	11.45p.	76	20.6
Mean	758.68	.....	32.5	.....	95.6	23.5	755.25	.....	23.6	.....	64.3	20.5

DAILY GENERAL REMARKS.

1____◟ NNW in the evening.
2____Heavy thundershowers in the afternoon.
3____◸ N and E in the afternoon; p° in the evening.
4____◸ NE quadt., d° in the afternoon.
5____◸ various points, ● in the afternoon; ◟ N, ●° in the evening.
6____● in the forenoon, afternoon and evening.
7____●° in the early morning and at night; somewhat gusty Ely winds in the morning; ◟ W in the evening.
8____● in the forenoon and afternoon; ◟° NE quadt. in the evening.
9____Ω early in the morning; ⊤ E quadt.
10____Ω° early in the morning; ◸ E quadt. in the afternoon; d, ◟ NE quadt. in the evening.
11____● early in the morning; ⊕ in the forenoon; d in the afternoon and evening.
12____d early in the morning; thundershowers in the afternoon.
13____◸ NNE and S in the afternoon.
14____⊤ S in the afternoon; near ◸°, p° in the evening.
15____Ω² early in the morning; ◸ N and S in the afternoon; ◟ N in the evening.
16____⊤° N quadt. in the afternoon.
17____◟ N and NW in the evening.
18____◸° NNE and N in the evening.
19____◟ NW in the evening.
20____Veil of Ci.—S. in the morning.
21____●, ⊤ NW in the afternoon; ◟ NW in the evening.
22____⊕ in the morning; ⊤ NNE in the afternoon; d at night.
23____⊤ NE in the afternoon; ●° at night.
24____●° in the early morning.
25____Convergence of Ci. toward S in the morning and toward SE in the afternoon.
26____⊤ SE at noon; ●° in the afternoon and at night; ◟ N in the evening.
27____● in the morning; somewhat gusty WNW winds in the afternoon; ●° in the evening.
28____Somewhat squally and rainy weather; ⊤ E in the afternoon.
29____Rainy and squally weather especially in the morning: there were gusts of 22.5 m. p. s.
30____● in the early morning and evening; thundershowers in the afternoon.

OBSERVATIONS FOR JULY, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	56.25	55.95	56.10	**55.75**	56	56.36	56.66	57.39	57.81	57.53	57.13	57.03
2	58.95	58.40	58.30	58.20	58.05	**58.50**	58.55	58.69	58.90	58.57	58.58	58.24
3	**59.10**	58.60	58.15	58.05	58.15	58.48	58.48	58.67	58.57	58.48	57.99	57.79
4	**57.65**	57.20	56.65	56.65	56.80	57.10	57.32	57.34	57.60	57.37	57.24	56.78
5	**55.85**	55.15	54.70	54.45	**54.55**	54.89	55.28	55.35	55.48	55.49	55.79	55.32
6	54.35	54.05	53.75	53.50	53.35	54	54.27	54.72	54.71	54.76	54.69	54.29
7	55.10	54.80	**54.60**	54.90	54.80	55.17	55.49	56.08	56.34	56.56	56.37	55.94
8	56.60	56.10	56	56.15	56.35	57.01	57.26	57.71	**58.18**	58.09	57.92	57.60
9	56.40	55.95	55.85	55.75	55.75	56.04	56.75	56.82	**56.92**	56.89	56.35	56.27
10	55.05	54.35	53.80	53.80	54.05	54.24	54.14	54.61	54.85	55	55.20	54.51
11	53.85	**53.65**	53.90	53.90	53.95	54.20	54.61	54.97	54.95	55.10	54.93	54.75
12	55.90	55.55	55.30	55.25	**55.20**	55.35	55.90	56.11	56.51	56.79	56.95	56.72
13	56.75	56.60	56.45	56.50	56.55	56.88	57.06	57.31	57.29	57.24	57.14	56.79
14	56.70	56.20	56.05	56.15	56.15	56.38	56.86	57.14	**57.30**	57.18	56.90	56.60
15	56	55.45	**55.20**	55.35	55.45	56.06	56.39	56.64	56.80	**57.04**	56.94	56.19
16	55.85	55.95	**55.50**	55.70	55.85	56.41	56.71	57.23	57.44	57.50	57.37	57.23
17	57.35	57.05	56.75	56.85	56.95	57.12	57.42	57.75	57.90	57.83	57.59	57.46
18	57.65	57.40	57.15	57.25	57.25	57.67	57.92	57.99	**58.08**	58.04	57.77	57.46
19	57.05	56.70	56.75	56.80	57.05	57.47	57.97	58.32	**58.50**	58.39	58.39	58.05
20	57.10	56.80	56.65	**56.50**	56.70	57.13	57.58	57.95	58.38	58.20	57.95	57.69
21	58	57.80	57.45	57.35	57.45	57.85	58.05	58.34	**58.40**	58.39	58.19	57.84
22	**56.85**	56.15	56	55.90	55.80	55.60	55.68	55.84	56.03	56.62	56.34	55.88
23	55.80	55.85	55.30	55.20	55.10	55.35	55.74	56.35	56.62	56.57	56.52	56.12
24	55.75	55.45	54.90	54.90	55	55.16	55.33	55.60	55.70	55.83	55.75	55.33
25	55.45	54.95	54.90	54.70	54.75	55.01	55.29	55.53	55.52	55.40	55.27	55.02
26	55.85	55.55	55.90	**55.20**	55.75	55.64	55.96	56.38	56.36	56.51	56.19	55.77
27	56.10	56.05	56	56	55.95	56.14	56.40	56.55	56.64	**56.66**	56.49	56.09
28	55.60	55.10	54.80	54.50	**54.25**	54.66	54.86	55.16	55.41	55.81	55.54	55.31
29	55.80	**55.50**	**55.50**	55.60	55.75	56.25	56.42	56.57	56.75	56.76	56.79	56.45
30	57.20	57.40	57.35	57.35	57.40	57.53	58.01	58.55	58.54	58.48	58.27	57.77
31	59.35	59	59	59.10	59.15	59.52	59.76	60.06	60.12	60.04	59.58	59.44
Mean	56.49	56.15	55.96	55.91	55.98	56.30	56.58	56.89	57.05	57.07	56.91	56.57

TEMPERATURE (°C.).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	**24**	**23.7**	**23.7**	**23.7**	23.8	23.8	24.9	26.4	28.7	30.7	**31.6**	31.4
2	25.1	24.9	24.9	**24.6**	**24.2**	**24.2**	26.1	28.5	30.4	29	30.5	**31.4**
3	25.2	24.9	24.7	24.5	24.3	24.5	26.2	28.1	28.7	30.2	30	30.9
4	23.4	23.3	**23.2**	**23.2**	**23.2**	23.3	24.2	26.3	**27**	29.1	29.2	29.2
5	25	24.7	**24.4**	24.6	24.6	24.5	25.1	26.7	27.2	**28**	27.6	27.9
6	25	24.5	24.1	24	**23.9**	24	25	25.5	26.7	27.6	28.5	29.2
7	25.8	25	24.3	23.9	**23.6**	23.8	26.6	27.4	27.8	27.6	28.7	29.6
8	25.4	25.4	**24.9**	25.3	25.8	25.8	26.6	27.4	27.6	29.1	**29.6**	26.8
9	25.6	25.7	25.6	**26.1**	25.3	25	24.8	25.2	24.5	24.7	24.9	25.1
10	24	24.8	24.1	24.1	**23.9**	**24.7**	24.6	26	25.9	24	26	26.3
11	25.9	25.5	26.4	25.9	26.4	26.7	26.9	26.3	28.3	25.1	27.7	**29.2**
12	25.4	25.9	27	25.8	26.8	27.2	27.4	27.4	28.1	28.9	**30.7**	30.2
13	25.2	25.2	**25**	25.4	26.4	26	26.3	28.7	29.8	**30.2**	29.8	29.5
14	27.2	27	26.6	26.5	26.2	26.6	26.9	25.5	**24.5**	26	27.9	27.6
15	26.6	26.6	26.7	26.2	**25.4**	25.5	26	25.7	26.2	26.1	26.2	27.2
16	26.7	26.3	26.3	25.5	25.1	**24.8**	26.8	28.6	28.1	29.6	30	28.7
17	27	26.9	26.8	26.8	26.6	**25.9**	26.2	27.5	28.3	30.4	**30.8**	30.4
18	26.3	26.1	**25.8**	26.6	26.7	26.3	27.5	27.6	27.5	30	**30.1**	28.3
19	27	26.8	26.9	26.8	**26.3**	26.5	26.5	28.2	29.6	29.8	30.2	29.5
20	26.3	26.3	**26.2**	**26.2**	26.3	26.5	26.8	28.5	**27.7**	28.5	29.2	29.9
21	26.9	26.9	26.3	25.8	**25.6**	25.8	27.1	28.8	29.8	30	**30.5**	**30.5**
22	27.1	26.2	26.8	25.6	25.9	26.2	26.5	28	29.4	27.1	27	29.4
23	24.8	24.8	24.5	**24.2**	**24.2**	24.6	26.5	28	28	28.5	29.3	**30.2**
24	27.4	26.4	25.6	**25.5**	26.9	26.4	27.5	27.5	29.3	29	28.5	30.3
25	**27.7**	27.5	27.4	27.4	26.4	26.3	28.1	28.3	29.8	29.2	31	**31.1**
26	24.9	**24.4**	24.7	25.9	25.6	25.2	25.3	26	27.2	28	28.4	**29.2**
27	24.4	24.7	24.7	24.7	24.8	24.9	25.1	26	27.3	27.3	27.5	**28.4**
28	24.2	24.3	24.5	24.8	25.3	25.3	25.7	25.7	25.1	**26.3**	25	26
29	23.9	24	23.9	**23.9**	23.7	**23.4**	24.7	26.6	28.3	28.4	29.5	**30.4**
30	24.3	24.3	24.2	**24**	**24.6**	24.5	26	28	29.2	30.4	31	**31.8**
31	24.9	24.7	24.5	**24.2**	24.5	24.5	25.3	28.2	29.9	30.5	31.3	31.3
Mean	25.6	25.4	25.3	**25.2**	**25.2**	**25.2**	26.1	27.2	27.9	28.4	29	**29.3**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
56.93	56.97	**56.82**	56.52	56.66	57.19	57.59	58.30	58.75	59.25	**59.40**	59.05	57.22
57.77	57.33	**57.15**	57.37	57.36	57.69	58.07	58.85	59.40	59.65	**59.85**	59.30	58.40
57.27	56.76	**56.42**	56.56	**56.36**	56.71	57.94	59	58.65	58.90	58.85	57.75	57.99
56.03	55.88	55.27	54.94	**54.84**	55.34	56.20	56.65	56.60	56.75	56.80	56.30	56.55
54.94	54.56	54.23	53.93	**53.88**	54.28	54.17	54.30	54.65	55.20	55.20	54.75	54.85
53.84	53.81	53.39	**53**	53.19	53.35	53.84	54.45	55.10	55.50	**55.70**	55.25	**54.20**
55.48	55.49	55.24	54.99	55.48	55.74	56.45	56.85	57.55	**57.70**	57.65	57.35	55.92
57.19	56.90	56.13	**55.88**	55.99	56.19	56.67	57.10	57.20	57.85	57.60	57.05	56.95
55.92	55.39	54.96	**54.86**	55.07	55	55.62	55.40	55.85	56.05	55.90	55.25	55.88
54.03	53.75	54.05	53.66	**53.38**	53.52	53.73	54.05	54.35	54.70	**55.40**	54.55	54.28
54.72	54.49	54.16	54.16	54.31	54.58	54.94	55.40	55.95	56.20	**56.85**	56.55	54.79
56.48	55.95	55.58	55.47	55.72	**56.14**	56.45	56.85	57.50	**57.75**	57.65	57.35	56.27
56.46	56.41	56.09	**55.95**	56.17	56.09	56.55	57.05	57.30	57.55	**57.65**	57.20	56.79
56.24	56.20	55.79	**55.77**	55.87	56.07	56.27	56.55	56.70	56.85	56.70	56.30	56.46
55.79	55.30	55.29	55.22	55.49	55.64	55.89	56.25	56.40	56.50	56.55	56.25	56
57	56.72	56.54	56.49	56.66	57.31	57.62	58	58.10	**58.20**	58.10	57.80	56.97
57.23	56.92	**56.46**	56.65	57.18	57.55	57.85	58.40	58.75	**58.95**	58.75	58.20	57.54
57.16	56.76	**56.62**	56.63	56.78	56.93	57.15	57.45	57.60	57.80	57.85	57.45	57.41
57.69	57.24	**56.93**	56.62	**56.44**	56.74	57.38	57.80	58.30	58.40	58.25	57.80	57.54
57.32	56.83	**56.79**	56.81	56.88	57.03	57.32	57.60	58.10	**58.55**	**58.55**	58.20	57.44
57.46	56.75	**56.63**	**56.35**	56.61	56.87	57.10	57.30	57.65	57.80	**57.70**	57.30	57.53
55.38	54.89	54.58	**54.20**	54.89	55.14	55.78	**55.95**	56.25	56.55	56.45	56.30	55.79
55.84	55.52	54.89	54.57	**54.56**	54.87	55.18	55.80	56.30	**56.70**	56.55	56.10	55.72
55.11	54.98	54.64	**54.28**	54.61	54.67	55.43	55.90	56.30	**56.55**	56.30	55.70	55.88
54.93	54.52	54.67	**54.32**	54.53	55.18	55.96	56.45	56.75	**57.20**	56.70	56.25	55.39
55.68	55.53	55.26	55.23	55.60	56.19	56.70	56.95	57.10	**57.25**	57.05	56.55	56.09
55.68	55.30	55.11	**54.86**	54.96	55.14	55.37	56.05	56.15	56.60	56.30	56.05	55.94
54.98	54.83	54.53	54.48	54.77	55.07	55.35	55.60	**56**	56.55	**56.60**	56	**55.24**
56.39	56.04	56.22	56.18	56.34	56.75	57.30	57.60	**57.90**	**57.90**	57.70	57.65	**56.59**
57.38	57.12	**57.07**	57.33	57.54	57.92	58.58	59.20	59.40	**59.85**	59.80	59.55	58.11
59.07	58.67	58.29	**58.11**	58.87	59.83	60	60.30	60.75	**61.30**	61.20	60.85	**59.64**
56.24	55.93	55.67	**55.53**	55.71	56.02	56.47	56.88	57.20	**57.50**	57.47	57.03	56.48

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
31.5	30.8	31.4	**31.2**	29.6	28.3	**27.4**	27.6	26.8	26.1	25.7	25.2	27.4
30.8	30.9	31.1	29.6	**29**	27.5	26.7	26.2	26.4	**26**	25.8	25.3	27.5
30.8	**31.5**	29.5	**29**	28.7	28.6	26.5	24.4	**23.6**	23.9	**24**	**23.6**	26.9
29.7	**29.8**	29.6	**29.2**	28.4	27.5	27.6	26.8	25.6	26.1	25.6	25.1	26.5
27.9	27.5	27.1	27.3	26.8	**26.6**	26.2	26.9	26.4	26.4	**26**	25.7	26.3
29.3	28.8	28.1	28.8	27.2	26.9	26.7	26.1	25.8	25.9	**26**	25.8	26.4
27.8	28.4	**30.2**	29.8	28.3	27.6	**26.7**	26.3	25.7	25.9	25.5	25.4	26.7
29	28.9	28.8	28.5	28.3	27.8	27.5	25.2	25.5	25.9	25.3	25.6	26.9
25.4	25.5	24.8	24.4	25.3	24.8	**24.4**	25.2	24.3	24.3	24.2	**24**	**25**
27.3	26.7	26.3	25.1	26.7	26.1	**26**	**26.7**	26.1	25.9	24.7	25.8	25.5
27.4	28.4	**29**	28.4	28.5	**28**	26.9	26.9	25.6	26.5	**24.8**	25.1	26.9
27.4	29.4	30.3	**29.2**	28.7	26.5	26.3	26.1	**25.2**	25.3	25.3	**25.2**	27.3
29.4	26.8	**28.8**	28	25.7	27.5	26.9	27.3	27.1	27.3	26.9	26.9	27.3
28	25.7	26.9	27.9	**27.7**	27.5	27.3	27.3	27.2	27.3	27.2	27.2	26.9
28.5	27.8	28.4	**28.6**	28.5	27.4	26.9	26.6	27	26.8	**27**	26.8	26.9
29.1	**30.1**	29.9	30	29.6	28.1	27.4	27.2	27.2	27.2	27.1	27	27.8
28.2	29.7	29.7	26.7	27.5	26.9	27.2	27.3	27.1	27	27.1	26.2	27.7
29.6	29.1	29.5	27.7	28.7	27.2	27.5	27.4	27.3	27.2	27.1	27.1	27.7
30.3	**30.7**	30.3	29	29.8	28.3	28	27.7	27.6	27.4	27.2	26.9	28.2
30.2	29.7	29.1	29.6	28.5	28.1	27.7	27.6	27.4	27.3	27.3	27.2	27.8
30.3	30	29.7	29.5	28.5	27.8	27.5	27.4	27.3	27.2	26.9	26.7	28
29.6	29.1	27.3	27.6	25.8	25.3	25.1	24.9	25.5	25.4	25.7	**24.8**	26.7
28.4	29.5	29.8	29.7	29.4	27.8	27.3	27.3	26.8	27	27.3	27.2	27.3
30.6	30.5	30.2	30.1	29.7	28.5	28.2	28.3	28.2	28.1	27.9	27.7	**28.3**
30.4	30.1	29.7	**29**	28.5	27	**26**	26.4	25.4	**24.7**	25.1	24.9	27.8
29	28.7	28.5	27.7	27.3	26.7	26.5	26.2	**26**	24.6	**24.4**	24.5	26.5
28.2	27.2	26.5	26.2	25.8	24.7	24.9	24.3	24.3	24.3	24	**23.9**	25.6
25.7	25.4	26	25.7	25.4	25.2	25.4	25.1	24.5	25	24.2	**24**	25.2
28.8	27.6	27.6	27.7	26.7	26.4	25.5	25.3	25.2	24.9	24.6	24.4	26.1
31.1	30.6	28.3	26.5	26.7	26.3	25.6	25.4	25.3	25.3	25.4	24.9	26.8
31.9	**32**	31.6	30	29.9	26.4	26.4	26	25	24.7	24.4	24.4	27.4
29.1	28.9	28.8	28.3	27.9	27.1	26.7	26.4	26.1	26	25.8	25.6	26.9

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	97	99	99	99	98	99	96	91	78	67	64	66
2	96	97	96	97	98	97	94	86	71	77	68	63
3	96	97	97	98	99	99	90	82	78	75	75	72
4	97	97	98	97	99	99	96	86	84	74	75	76
5	96	97	97	97	97	97	98	90	87	81	84	80
6	89	87	90	91	91	91	87.5	85	82	79	77.5	76
7	88	92	95	97	97	97	87	82	82	84	80	76
8	85	85	87	87	84.5	86	83	84	80	74	70.5	83
9	90	94	87	88	93	93	93	92	97	97	97	94
10	97	97	99	99	97	98	98	89	89	97	92	87
11	90	93	87	90	88	89	83	85.5	79	97	81	76
12	90	85	78	88	80	78	78	80	77	74	69	69.5
13	92.5	92.5	94	93	88	89	88	78	73	73.5	73	75
14	87	88	86	89	91	90	88	97	99	94	84	87
15	89	89	88	94	93	95	92	94	94	91	90	90
16	86	85.5	89	93	94	96	87	79	83	77	78	79
17	84	85	84	85	84	88	90	84	83	76	71	75
18	90	91	93	90	88	90	85	84	86	78	74	82
19	87	87	86	87	90	88	91	84	78	77	77	79
20	90	90	89.5	89.5	89	88	87	83	84	81	76	75
21	86	86	88	90	92	90	86	79	73	73	71	73
22	85	90	86	92	92	90	91	85	78	89	90	81
23	97	97.5	99	99	99	98	93	85	87	83	81	75
24	88	92	96	97	90	92	86	84	76	80	85	77
25	90	85	90	88	94	94	85	84	77	81	75	77
26	94	94	93	89	89	91	90	88	83.5	83	78	78
27	96	93	92	94	92	92	94	92	85	83	82	82
28	94	93	92	91	88	89	88	88	91	88	93	89
29	97	97	97	96	95	97	94	85	77	77	76	72
30	98	97	97	97	96	96	93	82	80	76	71	68
31	93	95	96	97	97	97	94	79.5	70	65	63	62
Mean	91.4	91.9	91.8	92.9	92.4	92.7	89.9	85.4	82	80.7	77.9	77.2

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.4	21.6	21.6	21.6	21.5	21.7	22.4	23.3	22.9	22.1	22.1	22.5
2	22.7	22.6	22.4	22.2	22.1	21.8	23.4	24.9	22.8	22.9	22.2	21.4
3	22.8	22.6	22.5	22.4	22.4	22.7	22.8	23.3	22.9	23.8	23.5	23.8
4	20.8	20.7	20.8	20.6	20.9	21.1	21.5	21.9	22.3	22	22.6	23
5	22.5	22.3	22.1	22.2	22.2	22.3	23.1	23.5	23.4	22.7	22.9	22.3
6	21	20	20	20.1	20.1	20.3	20.6	20.7	21.3	21.7	22.4	22.8
7	21.9	21.7	21.4	21.3	20.9	21.3	22.6	22.2	22.6	23.2	23.3	23.3
8	20.6	20.6	20.5	20.8	20.8	21.2	21.5	22.6	21.9	22	21.7	21.6
9	22	23.1	21.2	22.1	22.2	22	21.7	21.8	22.3	22.3	22.6	22.3
10	21.6	22.5	22.1	22.1	21.9	22.7	22.6	22.3	22.2	21.6	22.9	22.1
11	22.4	22.6	22.3	22.4	22.4	23.1	21.7	21.7	22.5	22.9	22.3	23
12	21.7	21.2	20.7	21.9	21	21	21.3	21.7	21.8	21.9	22.5	22.1
13	22	22	22.1	22.5	22.4	22.3	22.3	22.9	22.8	23.4	22.6	22.8
14	23.2	23.3	22.3	22.8	23	23.4	23.2	23.4	22.7	23.3	23.4	23.7
15	23	23	22.9	23.6	22.3	23	22.9	23.1	23.8	22.9	22.8	24
16	22.3	21.7	22.5	22.6	22.3	22.3	22.8	23	23.4	23.8	23.1	23.1
17	22.3	22.4	22	22.2	21.8	21.8	22.8	23	23.7	24.4	23.4	24.1
18	22.9	22.9	22.8	23.1	22.9	22.8	23.2	22.9	23.4	24.6	23.5	23.6
19	23.1	22.8	22.8	22.8	22.9	22.6	23.4	23.8	24	24.1	24.5	24.1
20	22.9	22.9	22.6	22.6	22.5	22.6	22.8	24	23.3	23.4	23	23.6
21	22.8	22.5	22.3	22.3	22.4	22.3	22.8	23.3	22.6	22.9	23	23.6
22	22.7	22.8	22.4	22.4	22.8	22.8	23.4	23.8	23.7	23.6	23.7	24.6
23	22.5	22.6	22.7	22.2	22.2	22.6	23.9	23.9	24.3	24	24.4	24.1
24	23.9	23.5	23.3	23.4	23.6	23.5	23.4	23	22.9	23.7	24.5	24.6
25	24.8	23.2	24.3	23.9	23.9	24	23,9	24	24.1	24.4	24.9	25.7
26	22	21.3	21.5	22.2	21.8	21.6	21.5	21.9	22.4	23.3	22.4	23.4
27	21.7	21.5	21.2	21.8	21.3	21.6	22.3	22.9	22.9	22.3	22.4	23.5
28	21.1	21.1	21.1	21.1	21.2	21.4	21.7	21.7	21.5	22.3	22	22.3
29	21.5	21.4	21.3	21.1	20.6	20.6	21.8	21.9	22.1	22.3	23.2	23.3
30	22.2	22	21.8	21.6	22	21.9	23.1	23.1	24	24.6	23.6	23.7
31	21.8	21.9	21.9	21.8	22	22	22.6	22.5	21.9	21.1	21.4	21
Mean	22.3	22.1	22	22.1	22	22.1	22.5	22.8	22.9	23	23	23.2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight	Mean.
66	69	68	69	77	83	88	86	91	94	94	97	84.8
65	65	69	75	77	84	87	90	91	93	93	96	84.4
71	70	76.5	78	81	80	90	88	95	95	94	96	86.4
77	73	77	79	82	85	84	89	94	91	93	97	87.5
82	84	87	84	86	86	87	83	84	86	86	87	88.5
74	77	83	81	85	85	85	87	88	89	89	89	84.9
90	75	73.5	69	76	79	80	82	84	81	84	85	84
79	77	77	78	80	80	80	84	87	87	88	88	82.2
93	93	93	93	91	94	94	95	98	96	97	97	93.7
81	83	86	93	86	89	91	86	89	91	95	91	91.8
83	80	75	75	74	77	84	83	92	85	94	92	84.7
84	71	68	71.5	74	86	87	86	92	93	93	90	80.9
74	83	79	85	91	84	88	85	87	87	90	89	84.6
85	92	90	84	86	86	87	87	87	86	87	86	88.5
80	84	82	82	81	87	89	89	86.5	88	86	86	88.3
77	77	77	73	78	84	88	88	88	87	84	86	83.7
87	80	80	90	88	90	87	88	87	87	87	93	84.7
77	79	81	87	82	86	86	88	88	89	89	87	85.4
75	75	76	80	76	83	83	86	87	87	87	88	83.1
75	78	80	78	82	82	85	84	87	87	85	83.5	83.7
74	75	76	79	81	84	85	86	85	86	86	87	82.1
81	85	93	87	93	97	97	98	96	96	95	97	90.2
81	79	77	73	80	88	90.5	90.5	91	92	90	91	88.2
76	78	78	78	80	86	87	86	87	87	87	88	85
78	80	81	83	85	90	95	94	98	97	95	97	87.2
79	82	80	83	82	84	87	89.5	91	98	98	97	87.5
79.5	85	86	88	91	98	97	97	94	97	97	97	91
92	91	88	90	92	92.5	88	91	94	90	96	97	91.1
78	86	84	83	84	87	93	95	96	97	98	99	89.2
72	74	82	92	94	92	96	97	97	96	93	94	88.8
62.5	63	64	73	73	90	88	91	98	98	98	97	83.5
78.3	78.8	79.6	81.1	82.8	86.4	88.2	88.7	90.6	90.7	91.2	91.8	86.4

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight	Mean.
22.9	22.9	23.1	23.5	23.6	23.7	23.9	23.6	23.8	23.7	23.1	23	22.7
21.3	21.7	23.3	22.9	22.9	23	22.7	22.8	23.3	23.1	23.1	23	22.7
23.4	23.9	23.4	23.3	23.7	23.4	23.2	20	20.5	20.9	20.8	20.7	22.6
23.7	22.6	23.6	23.9	23.5	23.2	22.9	23.3	22.9	22.9	22.8	22.9	22.4
23	22.8	23.1	22.7	22.4	22.3	22	22	21.5	21.9	21.5	21.3	22.4
22.3	22.6	23.4	23.8	22.8	22.4	22.1	21.8	21.9	22.2	22.1	22	21.7
24.9	21.6	23.4	21.6	21.7	21.7	20.7	20.9	20.5	20.2	20.5	20.6	21.8
23.6	22.8	22.6	22.6	22.9	22.2	21.8	20.1	21	21.6	21.2	21.6	21.7
22.5	22.6	21.7	21.2	21.8	21.9	21.3	22.6	22.8	21.6	21.8	21.6	22
21.7	21.7	21.9	22.1	22.3	22.5	22.7	22.5	22.5	22.6	21.9	22.4	22.2
22.5	23.1	22.3	21.5	21.4	21.5	22.1	21.7	22.4	21.8	21.9	21.9	22.2
22.9	21.6	21.7	21.5	21.7	22	22.1	21.7	21.8	22.2	22.3	21.4	21.7
22.5	21.8	23.3	23.9	22.3	22.8	23.2	22.9	23.2	23.5	23.6	23.4	22.8
23.9	22.5	23.6	23.4	23.7	23.4	23.5	23.5	23.2	23.1	23.4	23	23.2
23.2	23.5	23.5	23.8	23.4	23.5	23.4	23	22.9	23	22.7	22.6	23.2
23.1	24.6	24.3	22.9	24	23.7	23.9	23.6	23.6	23.2	22.4	22.7	23.1
24.6	24.8	24.8	23.3	24.1	23.8	23.4	23.8	23.2	23.1	23.2	23.4	23.3
23.8	23.7	24.7	23.9	23.9	23	23.4	23.9	23.8	23.8	23.6	23.2	23.5
24	24.6	24.5	23.7	23.6	23.7	23.3	23.7	24	23.7	23.2	23.2	23.6
23.8	24.1	23.9	24	23.6	23	23.5	23.2	23.9	23.4	22.9	22.4	23.2
23.6	23.8	23.5	24.3	23.4	23.5	23.2	23.3	22.9	23	22.8	22.7	23
24.9	25.4	25	24	23.1	23.1	22.9	22.8	23.2	23.1	23.3	22.5	23.4
23.3	24.3	23.9	22.7	24.3	24.3	24.3	24.3	23.8	24.4	24.2	24.4	23.6
24.7	25.2	25	24.8	24.8	24.9	24.6	24.6	24.6	24.5	24.2	24.4	24.2
25	25.5	25	24.6	24.5	24	23.8	23.9	23.5	22.3	22.5	22.6	24.1
23.6	23.9	23	22.9	22.1	21.9	22.4	22.6	22.7	22.6	22.3	22.3	22.4
22.5	22.8	22	22.2	22.4	22.7	22.6	22	21.2	21.8	21.4	21.3	22.1
22.5	21.9	21.9	22.1	22.1	22	21.3	21.5	21.5	21.2	21.5	21.4	21.6
22.8	23.6	22.9	22.9	21.9	22.3	22.6	22.7	22.8	22.6	22.6	22.5	22.2
24.1	24.3	23.3	23.6	24.3	23.3	23.3	23.3	23.1	23	22.3	22	23.1
21.9	22.3	22.1	22.9	22.7	23.1	22.4	22.7	22.9	22.7	22.3	22.1	22.2
23.3	23.3	23.3	23.1	23.1	23	22.9	22.7	22.7	22.7	22.5	22.4	22.7

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. S	S.-Cu.	A.-Cu. SSW	Cu.	A.-Cu. SSW	Cu.	----------	Cu.	A.-Cu. SSW	Cu.
2	Ci.	Cu. SEbyE	Ci.	Cu. SEbyE	Ci.	Cu. SEbyS	Ci.	Cu.	Ci.	Cu.
3	----------	Cu.	----------	Cu. W	----------	Cu.	Ci.	Cu.	Ci.	Cu.
4	A.-Cu. NE	Cu.	A.-Cu.	Cu.-N.	A.-Cu.	Cu.	Ci.	Cu.	Ci.-S.	Fr.-Cu. wbys
5	----------	S.-Cu. WSW	----------	S.-Cu. WSW	Ci.-S.	Cu. W	----------	N. W	----------	N.-cf. W
6	Ci.-S.	N. NW	Ci.-S.	S.-Cu. NNW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
7	Ci.	N. SW	A.-Cu.	S.-Cu.	A.-Cu.	N. SW	A.-Cu. wsw	N. SW	A.-Cu.	N. SW
8	A.-Cu.	N. SW	A.-Cu.	S.-Cu. SW	A.-Cu. WSW	S.-Cu. SW	A.-Cu. wsw	S.-Cu. SW	A.-Cu.	N. SW
9	----------	N. W	----------	N. W	----------	N. W	----------	N. W	----------	N. W
10	----------	N. WSW	Ci.-S.	N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WSW
11	Ci.	Cu. SW	----------	Cu. WSW	----------	N. WSW	Ci.-S.	Cu.	----------	N.-cf. WSW
12	A.-Cu. WSW	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu. WSW	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	S.-Cu.
13	----------	Cu. WSW	Ci.	Cu.-N.	Ci.	Cu.	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.
14	----------	N. WSW	----------	Cu.-N. WSW	Ci.-S.	cu.-N. SWbyW	Ci.-S.	Cu.-N. SWbyW	Ci.-S.	Cu.-N. wbys
15	----------	N. SWbyW	Ci.-S.	N. WSW	----------	N. WSW	----------	N. WSW	A.-Cu.	N.
16	Ci.	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	A.-Cu.	Cu. WSW
17	A.-cu. WbyS	S.-Cu. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu. wbys	Cu. WSW	----------	Cu.-N.
18	----------	Cu. W	----------	N.-cf. W	----------	Cu.	Ci.	Cu.	----------	N.-cf.
19	A.-Cu. W	Cu. SW	A.-Cu. W	Cu. SW	A.-Cu. W	Cu. SW	A.-Cu. W	Cu. SW	A.-Cu.	N.-cf. SW
20	A.-cu. WbyS	Cu.	----------	S.-Cu. W	----------	S.-Cu. WSW	----------	S.-Cu. WSW	A.-Cu.	Cu.
21	Ci.-S.	Cu. WSW	Ci.-S.	Cu.	Ci.-S. ENE	Cu.	Ci.-S. ENE	Cu.	Ci.-S.	Cu.
22	A.-Cu.	Cu. WbyS	A.-Cu.	Cu. WbyS	----------	N.	----------	Cu.-N. wbys	----------	Cu. WbyS
23	Ci.	Cu. W	Ci.	Cu. W	Ci.	Cu. W	A.-Cu.	Cu. WSW	A.-Cu. NW	Cu. WSW
24	----------	Cu. W	----------	Cu. W	----------	Cu. W	----------	Cu. W	----------	Cu.-N.
25	A.-Cu.	Cu. W	----------	Cu. W	Ci.	Cu. W	Ci.	Cu. W	A.-Cu.	Cu. W
26	----------	S.-Cu. WSW	----------	S.-Cu. WSW	Ci.-S.	S.-Cu.	A.-Cu.	Cu.	Ci.	Cu.
27	A.-Cu.	S.-Cu.	Ci.-S.	S.-Cu. WbyS	Ci.	N. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	Cu.-N.
28	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	Fr.-N. WSW
29	A.-Cu. SW	S.-Cu. SSW	A.-Cu.	S.-Cu. SSW	A.-Cu.	N. SW	A.-Cu.	S.-Cu.	----------	N.
30	----------	Cu. SSE	----------	Cu. SSE	Ci.	Cu. SSE	Ci.-S.	Cu. SSE	Ci.-S.	Cu. SSE
31	Ci.	S.-Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. SSW	Cu.	A.-Cu. SbyW	Cu.-N.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. SSE
2	Ci.	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu. SE
3	Ci.	Cu.	Ci.	Fr.-cu. wbyN	Ci.-S.	Cu.-N.	----------	Cu.-N.	Ci.-S.	Cu.-N.
4	A.-Cu. NE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. W	Ci.-S.	Cu.-N. W
5	----------	Cu.-N. W	Ci.-S.	N.-cf. W	Ci.-S.	N. W	Ci.-S.	N. WSW	Ci.-S.	N. WSW
6	Ci.-S.	Cu.	Ci.-S.	Cu. SW	----------	Cu. SW	Ci.-S.	Cu.-N.	----------	S.-Cu. ESE
7	----------	Cu. SW	----------	N. SW	A.-Cu.	Cu.	Ci.	Cu. SW	----------	N.-cf. SW
8	A.-Cu.	Cu.-N. SW	A.-Cu. NE	Cu. SW	A.-Cu. NE	Cu.	Ci.-S. ESE	Cu. SW	A.-Cu.	Cu. SW
9	----------	N. W	----------	N. WbyS	----------	N. WbyS	----------	N. WbyS	----------	N. SWbyS
10	----------	N. WSW	----------	Cu.-N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WSW
11	----------	N.-cf. WSW	Ci.-S.	N.-cf. WSW	Ci.-Cu.	S.-Cu. SW	A.-Cu. wsw	S.-Cu. SW	Ci.-Cu.	S.-Cu. SW
12	Ci.-S.	S.-Cu.	Ci.-S.	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	----------	S.-Cu. WSW
13	A.-Cu.	Cu.-N. WSW	A.-Cu.	Cu.-N. WSW	A.-Cu.	Cu.-N. WSW	A.-Cu.	Cu.-N. wsw	----------	Fr.-N. WSW
14	Ci.-S.	Cu.-N. WSW	----------	N. WSW	Ci.-S.	Cu.-N. WbyS	Ci.-S.	Cu.-N. wsw	Ci.-S.	Cu.-N. wsw
15	Ci.-S.	N.	----------	N.-cf. WbyS	Ci.-S.	Cu. WbyS	Ci.-S.	Cu.	Ci.	Cu.
16	A.-Cu.	Cu. WSW	A.-Cu.	Cu.-N. WSW	Ci.-Cu.	Cu.-N. WSW	A.-Cu.	Cu. WSW	Ci.	Cu.
17	----------	Cu.-N. WSW	----------	Cu. WbyS	----------	Cu. WbyS	----------	S.-Cu. wbys	A.-Cu.	Cu. W
18	----------	N.-cf. W	----------	Cu. W	A.-Cu.	Cu. W	----------	Cu. W	A.-Cu.	Cu. W
19	A.-Cu.	Cu. SW	A.-Cu.	A.-Cu.	----------	Cu.	----------	Cu. SW	----------	Cu.
20	----------	Cu.	A.-Cu. WbyS	Cu.-N. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu.-N.
21	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S. ENE	Cu. WSW	Ci.-S.	Cu. WSW
22	----------	Cu. WSW	----------	Cu. WSW	----------	Fr.-N. WSW	----------	Fr.-N. WSW	----------	Fr.-N. WbyS
23	A.-Cu. NW	Cu. W	----------	Cu. WbyS	Ci.-S.	Cu.	Ci.	Cu.	Ci.	Cu.
24	A.-Cu.	Cu. W	Ci.	Cu. W	Ci.	Cu. W	Ci.	Cu. W	Ci.	Cu. W
25	A.-Cu.	Cu. W	----------	Cu. W	----------	Cu. W	Ci.-S.	Cu. W	Ci.-S.	S.-Cu. W
26	A.-Cu.	Cu.	Ci.-S.	Cu. WSW	A.-Cu.	Cu. WSW	----------	Cu.-N. W	----------	Cu.-N. W
27	A.-Cu.	Cu.	----------	Cu. WSW	----------	Cu.-N. WSW	----------	S.-Cu. WSW	----------	N.
28	----------	Fr.-N. SW	----------	N. SW	Ci.-S.	N.-cf. SW	Ci.-S.	Fr.-N. SW	Ci.-S.	Fr.-N. SW
29	----------	Cu.	----------	Cu.-N.	Ci.-S.	S.-Cu. SW	----------	S.-Cu. SW	Ci.-S.	S.-Cu.
30	Ci.	Cu. SSE	Ci.	Cu. S	Ci.	Cu.-N.	Ci.	Cu.-N.	Ci.	Cu.-N.
31	Ci.	Cu.	Ci. ENE	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	SE 1.5	ESE 1.5	ESE 2.5	ESE 2	ESE 1	EbyS 0.5	SSE 0.5	SSE 0.5	ESE 1.5	SE 2.5	ESE 2	S 3
2	E 1	E 1	Calm	Calm	E 1	Calm	E .5	E .5	E .5	SW 1	WSW 1.5	WNW 3
3	E .5	Calm	E 1	E 1	E .5	Calm	Calm	Calm	NW 1	SW 1	WSW 2.5	WSW 3
4	NW 1	N 1.5	Calm	NW .5	NW 1.5	NwbyW 2	NEbyN 1.5	NNE .5	NNW .5	WNW 2	NW 1	WSW 7.5
5	Calm	Calm	NNE .5	ESE 1	Calm	EbyN .5	Calm	SE 1	SE .5	S .5	Calm	WSW 1.5
6	NNE 2.5	NNW 2.5	NNE 2	NE 2	NE 1.5	NbyE .5	NNE 1	NE 1.5	NE .5	NE .5	EbyS .5	WNW 2
7	SSW 3.5	SE 1.5	SE 1	SE 1.5	SE 1.5	Calm	ESE 1	SE .5	SSE 1.5	SSW 7.5	SSW .5	SSW 1
8	S 2.5	SSW 2	SE 1.5	SSW 3.5	SSW 4.5	SSW 5	SSW 4.5	SW 11	SW 8	SW 5	SSW 4.5	WSW 13
9	SW 6.5	WSW 5	W 10.5	WSW 7.5	WNW 7	N 1	WSW 9	W 6	NW 1.5	SW 1	SW 3	SW 8.5
10	SW 3	WSW 11	N 3.5	SSW 1.5	SW 3	W 10	Calm	SW 5	SSW 3.5	WbyS 13	WSW 5	SSW 2.5
11	SSW 7	SSW 9.5	SSW 6.5	SSW 7.5	SSW 10.5	SW 8.5	SW 11	SSW 3.5	SW 5	SW 9.5	SW 9.5	SSW 3.5
12	S 3	S 5	SSW 7.5	SSW 4	S 5.5	SW 7	SW 6	SW 5	SSW 5	SW 8.5	SW 4	SW 4.5
13	SSW 3.5	SSW 2.5	S 2	SSW 3.5	SW 6.5	SE 2	SSE 4.5	SSW 4.5	SW 7.5	SW 7.5	SW 8	SSW 8.5
14	SW 8	SW 7.5	SW 8.5	SW 7.5	SW 5.5	SW 7	SW 7	WSW 7	SW 5	SW 6.5	SW 9.5	SW 6.5
15	SW 8	SW 8.5	SW 7.5	WSW 6	SW 10.5	WSW 8	WSW 7.5	SSW 8	SSW 5	SSW 5	SSW 2.5	WSW 6
16	SSW 3.5	SW 7	SW 4.5	Calm	SSW 1	Calm	SW 8	SSW 8	WSW 10	SW 5	SW 4.5	WSW 8.5
17	SW 5.5	SW 5.5	SW 6	SSW 3	SSW 3	S .5	SW 1.5	SbyW .5	SSW 4.5	SW 4	WSW 5.5	WSW 5.5
18	SSW 2	SSW 2	SSW 2.5	SW 6	SW 5.5	SSW 2	SW 3.5	SW 2.5	SW 2	SW 4	SW 5	SW 6
19	SW 6.5	SSW 3.5	SW 5.5	SW 6	SSW 2.5	SSW 3	SSE .5	SW 1.5	SW 4.5	SW 6	WSW 5.5	WSW 7
20	SSW 3	SSW 3	SSW 2.5	SSW 3.5	SSW 2.5	SSW 3.5	SSW 3.5	SSW 3	WSW 2.5	SW 5.5	SW 7.5	SW 5.5
21	SW 5.5	SW 7	SSW 3.5	SSW 2.5	SSW 3	SSW 2.5	SSW 3.5	SSW 4	SWbyS 8	swbyw 4.5	swbyw 5.5	SW 6
22	SW 6.5	SSW 4	SW 6	SW 6.5	SSW 4	SW 8	SW 8	SW 9.5	SW 8.5	SW 7	SW 8	SW 8
23	W 1.5	WSW .5	SSE 1	SSE .5	ENE .5	Calm	WSW 8	WSW 8	SW 11	WSW 7	WSW 8	WSW 12
24	WSW 7	NW 4	NW 3.5	WNW 1.5	WSW 6.5	NNW .5	WNW 2.5	W 4	W 2.5	W 3.5	WSW 6	WSW 8.5
25	WSW 3.5	WSW 6	WSW 4.5	WNW 4	Calm	Calm	W .5	WSW 2	WNW 2.5	NW 3.5	WSW 3	WSW 5
26	SSW 2.5	SW .5	SSW 2	WSW 4.5	WSW 5.5	SW 4	SW .5	SW 2	SSW 3	SW 3.5	SW 6.5	SW 6.5
27	SW 4	WNW 3.5	WNW 3.5	SW 2.5	WSW 3.5	SW 2	NW .5	E .5	ENE .5	WSW 5	SW 3	SW 3
28	SSW 3.5	SSW 3.5	SSW 2.5	SSW 3	SW 6.5	SW 3.5	SSW 3	SW 6.5	SSW 7	SW 5	SSW 3.5	SSW 4
29	SE 1	ESE .5	SSE 1.5	SSE 1.5	SE 1	SE 1	SE .5	SE .5	SSE 2	S 2.5	WbyS 1	WbyN 1
30	Calm	Calm	NE .5	Calm	ESE 1.5	SE .5	SE .5	SE 2	SE 5	SE 3.5	ESE 2.5	SE 3
31	ESE 2	ESE 1.5	Calm	ESE 1	SE 1.5	SE .5	E .5	SE 1.5	SE 4	SE 6	SE 7	SE 2
Mean	3.5	3.6	3.4	3.1	3.5	2.7	3	3.2	4	4.7	4.4	5

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SW 6	W 2	wsw 8	W 7	W 7.5	W 5	SW 1	WSW 5.5	S 0.5	E 1	E 1	Calm	2.6
2	WNW 5.5	WSW 4.5	SW 5	SW 3	SSW 2.5	ESE 2	ESE 1.5	SE 1.5	SE 1	SSE 1	Calm	E 0.5	1.6
3	WSW 3	SW 5	SW 7	WSW 7	WSW 7	SW 5	S 2	NNE 6.5	NE 2.5	ENE 1.5	NNE 2.5	E .5	2.5
4	WSW 1	WSW 3	SW 3.5	SW 3	SW 4.5	swbyw 4.5	NW 3.5	NW 3.5	NNE 1.5	NNW 3.5	NNE 1.5	Calm	1.9
5	SW 2.5	SW 4	SW 5	SW 4	SW 7	SW 8	WSW 7	WNW 5.5	NW 3.5	NW 4	NW 3.5	NNW 2.5	2.6
6	WSW .5	WSW 2.5	SW 3	SW 4.5	SW 5	SW 4	SW 5	SSW 5.5	SSW 3.5	SSW 3.5	SSW 3.5	SSW 3.5	2.5
7	SW 5.5	SW 12	SW 5	SSW 2	SSW 3.5	SSW 4.5	SSE 4.5	SSE 2	SE 2	SSE 1.5	SSE 1.5	SSE 2	2.8
8	WSW 9.5	SW 9	SW 1.5	WSW 6	SW 4.5	SSW 3.5	SSW 5	SW 9	SW 7.5	SW 8	SW 10.5	SW 7.5	6.1
9	WSW 3	WSW 4.5	SSW 5	WSW 6.5	SW 8	WSW 5	SSW 5	SSE 2.5	ESE 1	WSW 2	SW 3.5	ESE 2	4.8
10	WSW 2	SSW 5	SW 5.5	SW 16	SW 5.5	SE 1	SW 7.5	SW 9	SSW 7	SSW 4.5	wsw 10.5	SSW 5	5.8
11	SSW 7.5	SW 4.5	SSW 3.5	SW 8	SSW 5.5	SSW 8	SSW 5.5	S 6.5	SSW 6	S 5	SW 7.5	SW 10	7
12	SSW 6.5	SSW 9	SSW 8.5	SW 5	SSW 5.5	S 8	S 3	SSW 6.5	SSW 3.5	SSW 3.5	S 3	SSW 3	5.2
13	SW 10	WSW 13	SW 9	SW 7	SW 16	SW 13	SW 6.5	SW 9	SW 9	SW 7.5	SW 7	SW 6	7.2
14	SW 6	SW 8	SW 9	SW 8	SW 7.5	SW 9	SW 5.5	SW 7.5	SW 7	SW 7	SW 6.5	SW 5.5	7.2
15	WSW 10	SW 9	SW 8	SW 6.5	SW 6	SW 7	SW 6.5	SW 3.5	SW 6.5	SW 7	SW 7	swbyS 5.5	6.7
16	SW 4.5	SW 5.5	SW 6.5	SW 7.5	SW 4.5	SW 8.5	WSW 7	SW 6	SW 4.5	SW 6	SW 6.5	SW 5.5	4.9
17	SW 7.5	SW 5	SW 8	SW 5	SW 4.5	SSW 5.5	SW 4.5	SW 3.5	SSW 2.5	SSW 2.5	SW 3.5	Calm	4
18	SW 5	SW 5	SW 9	SW 6.5	SW 4.5	SW 6	SW 7.5	SW 6.5	SW 5.5	SW 6.5	SW 6.5	SW 6.5	4.9
19	wsw 8.5	SW 5.5	SW 6.5	SW 8.5	SW 6	SW 6	SW 5	SW 6	SW 5.5	SW 6	SW 7	SSW 3	5.2
20	SSW 7	WSW 7	WSW 7	WSW 8.5	WSW 9	WSW 7.5	WSW 6	SW 6.5	SW 5.5	SW 6.5	SW 5.5	SW 6.5	5.3
21	SW 5.5	SW 7	swbyw 7.5	SW 8.5	SW 6.5	SW 7	SW 6.5	SW 5.5	SW 7	SW 6.5	SSW 3	SSW 3	5.4
22	SW 6.5	SW 9	SW 8	wsw 12.5	NW 6	NE .5	ENE 1.5	NNE 2	SSW 3	S 2	WSW 2	SW 6	6
23	WSW 7.5	SW 5.5	WSW 7.5	wsw 12	WSW 8.5	SW 7.5	SW 6	swbyw 5.5	WSW 4.5	WSW 4	WSW 6.5	WSW 4.5	5.7
24	WSW 8	wsw 13	SW 8.5	WSW 12	WSW 11	WSW 8	WSW 8	WSW 6.5	WSW 7	WSW 5.5	WSW 6	SW 6.5	6.2
25	WSW 9	SW 7.5	SW 8.5	SW 9	SW 6	SW 8.5	NW 2	SW 3.5	ENE 1	S 3.5	WSW 4.5	W 1.5	4.1
26	SW 9	SW 6.5	SW 9.5	WSW 8.5	SW 7	WSW 4	SW 2.5	SW 3.5	WSW 3	E 1.5	E 1	Calm	4
27	SSW 6	SSW 4.5	SSW 13.5	SW 4	SSW 8	WSW 3.5	S 2	WSW 6.5	SW 5.5	S 3.5	SSW 6.5	SbyW 5.5	4
28	SW 6	SW 10	SW 6.5	SW 2.5	S 3	SSW 2	SSW 4.5	S 3.5	SE 2	SSW 4.5	SSE 1	Calm	4
29	WSW 4	SW 4	SW 1.5	SW 5.5	SW 4.5	SW 1	Calm	E .5	E 1	ENE .5	E 1	Calm	1.6
30	SE 3.5	SE 3	SW 3.5	S .5	Calm	SSE 1	SE 1	SE 1	ESE 2	ESE 1.5	ESE 2	ESE 1.5	1.6
31	SE 6	SE. 3.5	SE 1.5	SE 2.5	SSE 2	SW 8.5	WSW 2	ESE 1.5	E 1	E 1	Calm	E .5	2.4
Mean	5.9	6.3	6.4	6.7	5.9	5.4	4.4	4.9	4	3.9	4.2	3.4	4.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	5.5	5.5	5	6.5	4.5	4	5.5	3.5	5	6	14	11
2	3	3	2.5	1	1.5	2	1	5	6	6	10	12
3	1.5	1.5	3	3	2	2	2.5	2	8	7	11	11
4	1	2	2	1.5	1	2	1	2	2.5	4.5	10	10.5
5	0	0	0	0	.5	1	.5	1	1	.5	1.5	5
6	10	7	7	7	3	4	6	6	8	3	3	5
7	12	8	4	4	3	4	4	8.5	9	8.5	17	9
8	10	10	4	10	17	15	13	15	30	25	21	24
9	28	26	35.5	25	34	10	13	19	18	4	15	14
10	7	20	8	9	6	21	10	13	26	25	34	25.5
11	29	32	29	31	37	35	33	29	15	31	28	22
12	18	9	21	27	14	20	21	20	18	24	31	25.5
13	13	12	10	9	17	19	8	16	13.5	27.5	33	38
14	30	33	29	31	23.5	27	24	30	15.5	31	42	29
15	34	30	31	31	28	38	32	20	15	22	17.5	25
16	23	10.5	21.5	8	2.5	3.5	6.5	13.5	15	27	28	25
17	25	23	27	21	9	8	4	6	7	18	27.5	26.5
18	6	6.5	6	20.5	23.5	15	10	8.5	12	13	26	29
19	28	20	15	19	17	9	8.5	6.5	23	27	24	25
20	11.5	11	11.5	9.5	14.5	13.5	11	10.5	9.5	16.5	25.5	25
21	22	23	20.5	9.5	9	9.5	9	11.5	19	22	32	36
22	17	21	17	21	17.5	27	34.5	32	33	31	30	35
23	25	5	1	1	2	1	15	35	32	31	37	36
24	16	22	13	7	16.5	16.5	8.5	16.5	15.5	18	28.5	34
25	23	23	19	17	5.5	.5	3	8	12	12	13	18.5
26	8	7	4.5	15	21.5	17	8.5	6.5	14.5	22	22	25
27	15	16	11	2.5	12.5	10	3.5	2.5	6	4	19	15
28	16	11	10.5	9.5	19	25	12	11	30	20	27	19
29	3	2	5	5.5	4.5	6	4	3	8	8	6.5	6.5
30	1	.5	1	1	3.5	4.5	5	7.5	12.5	13.5	14.5	16
31	5	6	4	3	3	4	4	6	13	14	16	14
Mean	14.4	13.1	12.2	11.8	12	12.1	10.4	12.1	14.4	16.8	21.4	21

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	10	10	8	5	5	5	8	7	6	5	8	9	7.2	6 05
2	7	7	6	6	6	5	4	3	4	8	8	7	5.9	7 20
3	5	4	4	4	3	4	3	6	9	6	9	10	5.6	7 15
4	7	8	7	5	7	7	10	10	10	10	10	10	8.4	4 00
5	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
6	10	10	10	10	10	10	10	10	8	10	10	10	9.8	0 05
7	3	10	9	10	9	10	7	9	4	6	8	8	7.8	4 35
8	9	10	9	10	10	10	9	9	8	9	9	10	9.3	1 45
9	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
10	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
11	10	7	8	10	9	8	9	10	10	10	9	10	9.2	1 05
12	10	10	10	9	9	9	9	6	6	8	9	7	8.5	2 10
13	8	8	5	7	8	8	10	10	10	10	10	10	8.7	4 00
14	9	10	10	10	10	10	10	10	10	10	10	10	9.9	0 00
15	10	10	10	10	10	10	10	10	9	9	8	10	9.7	0 00
16	8	6	4	6	8	7	8	9	9	8	7	8	7.3	7 30
17	7	9	8	8	9	10	10	8	8	10	8	9	8.7	4 00
18	7	8	9	4	4	9	10	10	7	8	6	5	7.2	4 30
19	8	7	5	5	6	7	6	5	3	8	4	9	6.1	7 25
20	9	7	9	9	10	5	6	9	9	10	9	9	8.4	3 35
21	7	7	7	7	8	9	10	9	10	10	10	10	8.7	4 55
22	10	9	9	10	10	10	10	10	10	10	10	10	9.8	0 25
23	7	7	8	9	8	4	6	7	4	3	3	3	5.8	6 45
24	9	8	4	8	7	7	6	5	5	5	7	7	6.5	7 35
25	10	8	8	8	7	7	8	9	9	10	10	10	8.7	4 15
26	9	10	9	9	6	6	9	10	10	10	10	10	9	2 30
27	10	9	10	10	9	9	9	10	10	10	10	10	9.7	1 25
28	10	10	10	10	10	10	10	10	10	9	10	10	9.9	0 00
29	10	9	9	10	10	10	9	10	10	10	10	10	9.8	2 05
30	8	7	7	7	7	8	7	7	9	9	9	9	7.8	5 20
31	10	9	6	4	3	5	5	7	8	9	10	10	7.2	7 05
Total														107 40
Mean	8.6	8.5	8	8.1	8	8	8.3	8.5	8.2	8.7	8.7	9	8.4	3 28

WIND—VELOCITY IN KILOMETERS PER HOUR

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
12	13	20	24	28	20	11	16	10	3	4	3	10
15	22	20	18.5	13	7	5.5	5	3	2.5	2.5	1.5	7
13.5	15.5	24	24	25	22	18	8.5	14	2.5	4	2.5	9.3
11.5	15.5	18.5	20	24.5	22.5	12	13	6	11.5	7	1.5	8.5
13	20	22	18	21	21	30	23	15	19	12	12	9.9
8.5	9.5	16	18.5	19	18.5	20	17	17	14	11	13	10.5
24	18	15	18	12	18	15	12	7	11	6	7	10.6
35.5	26	20.5	14.5	17.5	13.5	16.5	33	32	27	35	33.5	20.8
20	19	15	30	29	15	11	15	5.5	9.5	7	8	17.7
19.5	29	39	36.5	28	18	13.5	27	32	21	15	27	21.2
31	25	25	25	31	28	19	18	19	16	26	32	26.9
30.5	23	29	29	27	23	15	7	20	9	10.5	12.5	20.2
35	39	33	34.5	32.5	36	28	30	26	30	24.5	28.5	24.7
26	39	33	34	32	30	30	30	29	28	27	26	29.5
33.5	32.5	28.5	32	28	29	27	25	25	29	25	23	27.5
29	31	24	26	27	23	21	21	19	21	28	25	20
25	27	23.5	35	23	19.5	19	18.5	14.5	7.5	11	5.5	18
25	27	31	28	27	27	23	24	26	24	25	23	20.2
29	32.5	30.5	33	29.5	28	28.5	25	25	25	24	21.5	23.1
28	30	30	32	29	30	27	25	29	23	24	24	20.9
27	28	28	33	30	28.5	25.5	25	25.5	27.5	16.5	16.5	22.2
38	35	32	35	27	8	1	4	1	10	9	15	22.1
40	29.5	34.5	36	32	28.5	28	20	21.5	17	25	20	23
40	40	41	39	35	30	35	32	28	20	21	23	24.8
26.5	33	32	34	31	29	22	9	5	5.5	14.5	8.5	16.9
27	28	28	30	33	20	18	14	15	7	1	0	16.4
20	22	21	26	27.5	18.5	10	23	29	15.5	24.5	19	15.5
19	27	25	17	14	10	14	13	6	14	7	4	15.8
12	17	17.5	12	28	16.5	3	1.5	3.5	3	2	1.5	7.5
15	11	12	11	3	4	4	3	4	6	7	6	6.9
16	16	11	11	10	14	22	8	3	4	3.5	.5	8.8
24	25.2	25.1	26.3	25	21.2	18.5	17.6	16.6	14.9	14.8	14.3	17.3

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1					2	7	2	2	2		2	2	4				1	240	8.6	
2					7	2	2	1		1	3	2		2			4	168.5	3.6	
3		2	1	1	5				1		4	5			1		4	228	3.2	22.9
4	1	3	1								3	4		1	7	2	2	203.5	2.8	2
5		1			1	1	2		1		6	2		1	3	1	5	237	2.3	.3
6		4	5			1				5	5	2		1		1		251	2.2	
7						1	6	6		7	3						1	254	2.8	3.7
8							1		1	8	11	3						498.5	3.4	8
9	1					2		1		2	6	8	2	1	1			425.5	0	271.5
10	1						1			7	8	4	2				1	510	.5	99.6
11									2	13	9							646	3.5	11.9
12									6	11	7							484	2.9	2.5
13							1	1	1	5	15	1						593	2.9	3.3
14											23	1						709	1.8	51.2
15										4	15	5						661	2.1	11.2
16										3	16	3					2	479	4	.1
17									1	7	13	2					1	431	2.2	4.4
18										4	20							476	3.6	.4
19								1		4	16	3						553.5	2.6	
20										9	8	7						500.5	3.1	
21										8	13	3						534		5.7
22		1	1	1					1	3	14	2			1			531		83.5
23				1				2			4	15	1				1	553		3.4
24											2	14	3	2	2	1		556	3	.8
25				1					1		6	8	2	2	2		2	404.7	8	14.2
26					2					3	13	5					1	392.5	2.6	36.1
27				1	1				2	6	7	4		2	1			373	1.5	26.7
28							1	1	2	11	8						1	380	.2	7.4
29				1	3	1	5	3	1		5	1	1	1			2	179.5	1.5	.8
30			1			6	10	1	1		1						4	166.5	2.5	1.8
31					4	4	11	1			1	1					2	211	4.2	
Total	3	11	9	6	25	25	42	20	23	121	267	107	15	13	18	5	34	12,875	86.8	621.9
Mean	0.1	0.4	0.8	0.2	0.8	0.8	1.4	0.6	0.7	3.9	8.6	3.5	0.5	0.4	0.6	0.2	1.1	415.3	2.8	20.1

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	759.45	10.55p.	33	0.45p.	**99**	23.9	755.70	3.55a.	23.6	2.45a.	64	21.4
2	59.85	11.00p.	32.3	3.35p.	**98**	24.9	57.05	3.10p.	23.7	5.30a.	63	21.3
3	59.25	0.05a.	32.2	2.25p.	**99**	23.9	56.10	3.30p.	23.2	8.55p.	70	**20**
4	57.70	0.05a.	31.1	1.05p.	**99**	23.9	54.84	5.00p.	**22.5**	4.35a.	73	20.6
5	56.30	0.05a.	29	11.40a.	98	23.5	53.85	4.55p.	24.2	3.10a.	80	21.3
6	55.85	10.30p.	30.1	0.55p.	91	23.8	**53**	4.00p.	23.5	5.20a.	74	**20**
7	57.80	10.15p.	31	1.55p.	97	24.9	54.60	3.00a.	23.5	5.15a.	69	20.2
8	58.25	9.20a.	30.1	11.10a.	**88**	23.6	55.88	4.00p.	24.5	3.10a.	70.5	20.1
9	57.20	8.25a.	**26.1**	4.00a.	98	23.1	54.70	3.30p.	23.6	11.55p.	87	21.2
10	**55.45**	10.55p.	27.4	1.05p.	**99**	22.9	53.35	5.20p.	23.5	3.40a.	81	21.6
11	56.90	10.55p.	29.7	11.55a.	97	23.1	53.60	1.30a.	24.3	9.50a.	74	21.4
12	57.80	9.45p.	31	11.05a.	93	22.9	55.15	5.10a.	24.6	1.10a.	68	20.7
13	57.95	10.20p.	31	10.55a.	94	23.9	55.85	4.30p.	24.9	3.20a.	73	21.8
14	57.60	8.50a.	28.4	1.15p.	**99**	23.9	55.60	3.15p.	24.2	8.55a.	84	22.3
15	57.15	9.25a.	29.4	1.10p.	95	24	55.10	4.15p.	25	6.25a.	80	22.3
16	58.30	10.15p.	31.1	11.20a.	96	24.6	55.50	3.00a.	24.6	6.05a.	73	21.7
17	59	9.55p.	31.6	11.50a.	93	24.8	56.46	3.00p.	25.6	6.15a.	71	21.8
18	58.15	8.45a.	31.2	0.45p.	93	24.7	56.55	3.30p.	25.3	2.40a.	74	22.8
19	58.50	9.00a.	31.3	0.40p.	91	24.6	56.35	4.45p.	**26.1**	5.20a.	75	22.6
20	58.60	10.45p.	31.5	0.25p.	90	24.1	56.45	3.30a.	26	3.50a.	75	22.4
21	58.45	9.25a.	31.4	11.50a.	92	24.3	56.25	4.15p.	25.4	4.40a.	71	22.3
22	57.25	0.05a.	30.3	1.30p.	98	25.4	54.20	4.00p.	24.6	11.55p.	78	22.4
23	56.80	10.20p.	30.8	10.50a.	**99**	24.4	54.50	4.15p.	24	4.15a.	73	22.2
24	56.60	9.50p.	31	1.45p.	97	25.2	54.20	4.05p.	25.3	3.55a.	76	**22.9**
25	57.20	10.00p.	32.1	0.05p.	98	**25.7**	54.30	3.45p.	24.5	10.05p.	75	22.3
26	57.30	10.05p.	29.9	11.25a.	98	23.9	55.15	3.05p.	24.2	2.30a.	78	21.3
27	56.70	9.35a.	29.8	0.35p.	98	23.5	54.80	3.25p.	23.8	11.35p.	79.5	21.2
28	56.70	10.10p.	26.6	10.05a.	97	**22.5**	54.20	5.05a.	23.5	11.55p.	**88**	21.1
29	**57.95**	9.15p.	31	0.05p.	**99**	23.6	55.45	1.30a.	23	5.40a.	72	20.6
30	59.90	10.10p.	32.5	2.10p.	98	24.6	**57**	2.55p.	23.8	3.40a.	68	21.6
31	**61.35**	10.10p.	**33.2**	2.20p.	98	23.1	**58.05**	3.35p.	23.8	4.25a.	**62**	21
Mean	757.85		30.6		96.1	24	755.28		24.3		74.2	21.5

DAILY GENERAL REMARKS.

1—Somewhat gusty Wly winds, ◠ in the afternoon.
2—☊ early in the morning; ◸° E, ENE in the afternoon.
3—☊° early in the morning; ◸° E quadt., ● in the evening.
4—≡° in the morning; ⊕ in the afternoon; ●° at night.
5—d in the morning; d° in the afternoon.
6—d° in the morning.
7—☊² early in the morning; ●° in the morning and afternoon; gusty SW winds in the afternoon.
8—Gusty SWly winds at intervals with some d; convergence of Ci. toward E in the afternoon.
9—Rainy and squally weather; ◸SW in the evening.
10—Rainy and squally weather with some ⊤ in various points: some gusts of SW winds reached 21 m. p. s.
11—Squally weather; squalls of 24 m. p. s. from SW at 9.43 a. m.; ● in the morning and at night.
12—Gusty SWly winds at intervals with some ●°: there were squalls of 22 m. p. s. from SW in the morning.
13—Gusty SWly winds at intevals; ⊕° at noon; ●° in the afternoon and at night.
14—Gusty SW winds at intervals with ●² in the morning.
15—Gusty SWly winds at intervals with ●° in the morning.
16—Gusty SWly winds at intervals; d° in the afternoon.
17—Somewhat gusty SWly winds at intervals; ●• in the afternoon; ⊍, d at night.
18—d² in the early morning; somewhat intense coloration of upper clouds at sunrise; d in the afternoon.
19—Slight coloration of clouds at sunrise; somewhat gusty SWly winds at intervals.
20—Gusty SWly winds in the afternoon.
21—Somewhat gusty SWly winds at intervals; ⊕ in the forenoon and afternoon.
22—Somewhat rainy and squally weather.
23—●° in the early morning; ≡° in the morning; gusty SWly at intervals.
24—●° in the early morning and forenoon; ≡° in the morning; gusty WSW winds at intervals.
25—d in the morning; gusty SWly winds, ⊤ E and N in the afternoon; ● in the evening.
26—● at night.
27—● in the early morning and at night; gusty SSW winds in the afternoon.
28—Intense coloration of clouds at sunrise; ●° in the morning and afternoon with some gusty SWly winds.
29—☊² early in the morning; d in the early morning and afternoon.
30—◸° SE quadt., ●° in the afternoon.
31—◸ SW and W in the afternoon.

OBSERVATIONS FOR AUGUST, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.50	60.05	59.95	59.95	60	60.04	60.26	60.23	60.24	60.07	59.77	59.39
2	59.55	59.05	58.85	58.60	58.65	58.97	59.17	59.69	59.93	59.99	59.77	59.13
3	59.20	58.95	58.65	58.60	58.75	59.11	59.44	59.78	59.90	59.98	59.78	59.43
4	59.75	59.50	59.55	59.45	59.45	59.72	60	60.33	**60.48**	60.46	60.11	59.73
5	59.70	59.15	58.95	58.70	58.75	58.97	59.25	59.65	59.73	59.77	59.73	59.44
6	**59.45**	59.10	58.85	58.75	58.90	58.93	59.18	59.24	59.35	59.29	58.99	58.81
7	58.05	57.80	57.85	57.95	**57.85**	58.37	58.72	59.04	59.28	59.02	58.93	58.64
8	58.90	58.30	58	58	58.30	58.52	58.88	59.27	59.20	59.07	58.88	58.44
9	58.55	58	58	58.30	58.35	58.45	58.75	**59.40**	59.35	59.32	58.93	58.87
10	57.70	57.75	57.45	57.05	57.10	57.29	57.70	57.84	**58.30**	58.25	57.95	57.57
11	**57.40**	56.90	56.20	55.90	55.90	56.15	56.49	57.01	57.20	56.95	57.04	56.80
12	55.35	55.10	54.95	54.60	54.75	55.09	55.47	55.65	55.63	55.32	55.28	54.97
13	55.65	55.35	55.25	55.50	**55.15**	55.66	56.26	56.70	57.31	57.21	57.11	56.75
14	57.15	56.70	**56.50**	56.65	56.70	56.95	57.84	58.50	58.66	58.56	58.49	58.44
15	58.85	58.20	58.15	58.15	58.20	58.57	59.12	59.21	59.67	59.51	59.29	59.08
16	59.35	58.95	59	59.10	59.10	59.51	59.86	60.11	59.80	59.59	59.28	59.12
17	**59.95**	59.50	59.60	59.55	59.60	59.74	59.80	59.69	59.81	59.76	59.56	59.22
18	57.60	57.60	57.55	57.35	57.45	57.66	58.10	58.29	58.61	58.39	58.04	57.84
19	57.10	56.80	56.55	56.50	56.55	56.82	57.14	57.50	57.89	57.84	57.68	57.29
20	58	57.45	57.35	57.45	57.25	57.41	57.75	58.29	58.54	58.67	58.47	58.14
21	58.55	58	57.70	57.55	57.55	57.61	58.31	58.88	**59.51**	59.30	58.70	58.43
22	58.55	58	57.85	58	58.10	58.40	58.75	58.81	59.04	59.01	58.85	58.29
23	**58.60**	58	57.60	57.75	57.70	57.71	57.99	58.10	58.31	58.26	58.17	57.67
24	**56.85**	56.05	55.85	55.50	55.35	55.56	55.83	56.08	56.13	55.92	55.88	55.56
25	55.75	55.55	55.40	55.30	55.25	55.41	55.85	56.48	56.78	56.59	56.54	56.12
26	56.90	56.85	**56.50**	56.75	56.85	56.88	57.33	57.88	58.01	57.94	57.92	57.52
27	57.60	57.15	57	57.10	57.10	57.65	58.02	58.26	**58.44**	58.34	58.03	57.49
28	57.15	56.35	56.30	56.45	56.70	56.81	57.14	57.56	57.89	57.72	57.66	56.96
29	57.90	57.45	57.10	**56.80**	57.10	57.25	57.81	58.35	58.31	58.28	58.28	57.97
30	58.30	58.10	57.80	57.80	57.95	58.10	58.50	59.09	59.04	58.72	58.67	58.34
31	58.35	58.05	57.85	57.60	57.65	57.77	58.22	58.76	58.94	58.64	58.62	58.25
Mean	58.14	57.73	57.55	57.51	57.55	57.78	58.16	58.51	58.69	58.57	58.40	58.04

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.2	24	23.7	23.5	**23.3**	23.4	25.7	26.9	29.1	30.4	30.3	30.3
2	23.8	23.5	23.5	23.3	**22.9**	23	24.6	27.9	28.6	29.3	30.7	30.8
3	24.2	**23.9**	**23.9**	**23.9**	**23.9**	**23.9**	26.2	28.5	29.6	29.8	30.5	30.4
4	26.2	25.2	24.5	24.3	**23.9**	24	25.8	28.8	30	30.4	30.9	30.6
5	24.9	24.7	24.5	24.5	**24.4**	**24.4**	25.4	27.7	29.2	29.1	29.7	**31**
6	26.3	25	24.6	24.3	24.1	**23.9**	25.3	27.5	28.2	29	30	30.5
7	26.7	26.9	26.9	27	26.6	**25.2**	25.7	28	29.8	30.1	30.2	30.8
8	27	27.1	26.2	25.6	25.2	**25**	26.1	28.2	30	29.1	30	30.4
9	27.4	27.3	25	25.1	25.5	25.6	26.2	25.4	27.4	29.3	29.8	28.8
10	24.9	24.8	24.6	24.8	24.7	24.1	25.1	26.5	27.8	27.6	26.9	27
11	**23**	**23**	23.2	23.9	23.6	23.7	24.1	24.3	24.3	23.7	**25.6**	25.4
12	24	**23.8**	24.2	24	24.5	24.3	24.2	24.6	24.9	26.1	27.5	27.8
13	24.4	24	24.1	23.8	23.7	23.9	24.1	23.7	23.4	**23.3**	23.8	24.7
14	24.1	25	25.1	25.1	25.1	24.9	26	26.4	26.7	28.5	28.5	29.7
15	23.7	23.4	23.1	23	22.9	**22.5**	23.5	25.6	27.1	28.1	29.6	29.5
16	23.7	23.3	23	22.8	22.6	**22.4**	24.8	27.7	28.8	27.4	28.5	**29.8**
17	24.2	24	24.1	24.1	24.4	24.3	24.6	26.2	27.4	27.2	26.8	29.5
18	24.4	24.2	24.3	24.1	23.9	**23.5**	25	26.7	27.4	28.8	28.8	**29.8**
19	26.2	26.2	25.9	25.7	25.4	25.1	26.1	27.7	28.4	29.1	29.3	29.7
20	**24.2**	24.5	25	25	25	24.4	24.4	25	27	29	**29.3**	**29.3**
21	**23.2**	23.7	24.1	24.7	23.8	23.7	24.5	27	24.7	25	26	28.2
22	**24.5**	24.8	25.1	24.9	24.7	**24.5**	24.6	27.3	27.3	28.3	29	29.2
23	24.7	24.6	24.6	24.1	**23.7**	24	25	27	27.4	28.4	28.8	28.6
24	26.2	26.1	25.5	**25.4**	**25.4**	25.5	26.6	26.6	28.1	28.6	29	29.1
25	25.4	25.5	25.4	25.6	25.3	25.5	26.8	28.5	29.5	29.4	**30**	**30**
26	24.7	24.7	24.7	24.7	24.6	24.5	25.2	26.5	27.3	28.6	**29.5**	28.7
27	24	23.9	23.8	23.8	**23.7**	23.9	24.2	25.2	26.1	26.4	28.6	28.8
28	24.4	24.1	24.2	24.1	24.2	**23.5**	23.7	23.9	24.1	25.7	27.5	29.4
29	24.8	24.6	24.8	24.7	**24.5**	**24.5**	24.6	26.8	28.2	28	29.2	29.9
30	24.8	24.3	**23.7**	23.8	**23.7**	23.8	25.2	28	29.3	**29.4**	27.7	26.6
31	25.2	24.8	24.9	25.5	24.4	23.9	25.9	26.8	28.3	28.6	**28.8**	27.1
Mean	24.8	24.7	24.5	24.5	24.3	**24.2**	25.1	26.7	27.6	28.1	28.7	**29.1**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
58.84	**58.34**	58.49	58.47	58.79	59.52	59.79	59.60	60.05	**60.60**	60.40	60.10	**59.73**
58.72	58.22	**57.87**	57.97	58.59	58.93	59.12	59.75	60	**60.20**	**60.20**	59.65	59.19
58.97	58.33	**57.82**	58	58.23	58.77	59.16	59.70	60.20	**60.50**	60.45	60.25	59.25
59.03	58.58	58.25	**57.90**	58	58.63	59.15	59.55	60	60.45	60.35	60	59.52
59.07	58.48	57.98	**57.90**	**57.90**	58.12	58.44	59.25	59.70	60.05	**60.15**	59.90	59.11
58.38	58	57.67	**57.32**	57.36	**57.62**	57.80	58.30	58.65	59	58.85	**58.45**	58.59
58.10	57.81	57.63	**57.31**	57.44	**57.68**	58.18	58.60	58.85	59.20	**59.35**	59.05	58.36
58.13	57.46	57.20	**57.16**	57.21	**57.62**	58.01	58.55	**59.15**	**59.35**	59.05	58.90	58.40
57.92	57.47	57.12	**56.88**	56.99	57.36	**57.58**	**57.70**	**58.60**	58.80	58.80	58.45	58.25
57.02	56.52	56.42	**56.33**	56.60	56.79	**57.85**	58	**58.10**	57.95	57.75	57.50	**57.45**
56.44	56.01	55.64	**55.40**	55.52	55.97	56.50	56.70	56.80	57.15	56.95	56.20	56.47
54.61	54.34	**54.04**	54.25	54.56	54.86	55.23	55.65	**56**	**56.50**	56.30	55.65	**55.17**
55.93	55.71	55.65	55.85	55.85	55.76	56.10	56.35	56.95	57.45	**57.75**	57.60	56.29
57.84	57.05	56.99	56.97	57.29	57.40	57.76	58.15	58.70	59.30	**59.45**	59.15	57.80
58.44	58.07	58.12	**58.04**	**58.24**	58.58	58.98	59.55	**59.90**	**60.25**	60.10	59.90	58.92
58.64	58.19	58.12	**57.97**	58.40	58.95	59.48	60.10	60.30	**60.65**	**60.65**	60.30	59.36
58.13	57.87	**57.37**	57.47	57.66	57.93	58.28	58.80	59.10	59.05	58.95	58.25	58.94
56.72	56.34	55.77	**55.37**	**55.66**	55.90	56.40	57	57.55	57.85	58.05	57.50	57.25
56.73	56.22	56.23	**56.11**	**56.12**	56.57	57.05	57.85	58.05	**58.50**	**58.50**	58.40	57.17
57.61	57.14	56.86	**56.69**	**57.41**	57.57	57.69	58.20	58.60	58.90	58.95	**59**	57.89
57.73	57.28	57.06	**56.88**	**56.98**	57.28	57.99	58.50	58.85	59.30	59.20	59.05	58.17
57.78	57.36	57.07	**56.69**	**57.48**	57.72	58.45	58.80	**59.15**	59.05	58.70	58.60	58.27
57.14	56.57	56.18	**55.96**	**56.32**	56.47	56.58	57.10	57.40	57.80	57.45	57.10	57.41
54.66	54.48	**54.05**	54.15	54.24	54.75	54.66	55.35	55.65	56.10	56.05	55.80	55.44
55.16	54.93	55.04	**54.75**	54.95	55.42	55.70	56.45	56.90	56.90	**57.05**	56.95	55.88
57.28	56.59	56.90	56.92	57.08	57.38	57.86	58.05	58.25	**58.30**	58.15	57.90	57.42
57.14	56.48	56.14	**55.98**	56.17	56.68	56.78	57.30	57.85	58	57.90	57.75	57.35
56.55	56.18	56.02	**55.87**	56.23	56.84	57.04	57.25	57.70	58.15	**58.35**	58.20	57.04
57.56	57.51	57.05	57.14	57.60	57.69	58.24	58.60	59.15	**59.50**	59.25	58.85	57.95
58.13	57.82	**57.58**	57.65	57.73	57.95	58.63	**59**	59.40	**59.80**	59.50	59.15	58.45
57.99	57.72	57.24	**56.98**	57.19	57.30	57.93	58.70	59.65	**59.75**	59.45	59.15	58.24
57.50	57.07	56.82	**56.72**	56.96	57.29	57.69	58.14	58.55	**58.85**	58.78	58.47	57.89

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
30.6	30.4	30	**31.3**	29.2	26.7	**24.9**	**24.9**	24.7	24.4	24.4	24.2	26.7
30.6	30.6	**30.9**	30.5	28	26.8	**25.9**	25.6	25.5	25.4	24.9	**24.5**	26.7
30.6	30.5	29.8	30.2	29.3	28.3	28	27.8	27.6	27.1	26.5	26.3	27.5
31	30.9	30.7	30.6	30	28.2	27.9	27.7	27.8	27.6	27.3	25.6	27.9
30.9	30.6	30.9	30.6	29.8	28	**27.4**	27.3	27.1	27	26.9	26.5	27.6
30.8	30.7	30.1	30	29.5	28.2	27.6	27.4	27.4	27.3	27.2	26.8	27.6
31	30.5	30.4	30.3	29.1	28.3	27.9	27.8	27.7	27.8	27.7	27.4	**28.3**
30.2	**31**	30.4	30.4	29.7	28.3	28	27.9	27.9	27.7	27.7	27.7	28.2
29.9	**30.7**	30.2	30.1	29.1	27.5	26.2	25.8	25.5	25.3	25.3	**24.6**	27.2
27.8	**29.5**	27.1	26.6	26.2	26	23.5	23.1	23	22.9	**22.8**	22.9	25.4
24.6	25	**25.2**	25.4	**24.7**	23.8	**23.5**	23.3	23.4	23.6	23.3	23.8	**24.1**
28	27.8	27.6	26.5	26	25.5	24.7	24.6	24.2	24.6	24.4	24	25.3
25.4	**25.9**	25.8	25.2	25	24.6	24.2	24	24	24.1	24.2	24.1	24.3
28.8	28.9	29.6	29.3	27.5	26.3	26	24.9	24.7	24.2	24.2	**24**	26.4
30.3	**30.6**	29.1	27.3	27.4	26.9	**26.3**	26	25.7	25.3	24.7	24.3	26.1
28.1	29.1	28.2	26.8	27.2	**26.5**	25.8	**25.6**	25.2	25.1	24.9	24.5	25.9
29.2	29.3	29.1	**29.5**	28.2	27.3	26.2	26.2	25.7	25.2	25.7	**25**	26.4
29.5	28.9	29.2	28.5	28.7	27.8	27.3	27.3	27.2	26.8	26.6	26.5	26.9
29.8	28.9	28.5	29	27.1	25.5	25.1	**25**	24.8	24.9	**24.7**	**24.7**	26.8
29.3	28.7	27.6	26.6	26.4	25.5	25.1	25.1	24.9	24.9	24.9	24.8	26.1
28.1	28	**29**	28	**27.7**	26.3	26.1	26	25.7	25.7	25.6	**26**	25.9
29.1	**29.3**	29.2	28.6	28.5	27	26.1	25.5	25.4	25.1	25	24.8	26.6
28.2	**28.9**	27.9	28.8	**27**	**26.1**	26	25.7	26.2	26.3	26.2	26.1	26.4
29.6	27.5	28.2	28.1	**27.9**	26.5	26.1	25.9	25.7	25.8	26	**25.4**	26.9
29.3	29.8	25.9	27.2	27	26.9	26.5	26.4	25.9	25.4	25.2	**24.9**	27
26.7	26.5	26.9	26.4	25.8	25.1	24.2	24.1	24	23.9	23.9	**23.8**	25.6
30.3	29.7	**30.3**	29.1	28.1	27.6	25.9	26	25.4	**24.5**	24.4	24.4	26.2
29.6	28.9	29.3	28.1	27.7	26.3	25.2	**25.6**	25.7	25.8	25.2	25	25.9
30	26.6	27.8	28.4	27.8	26.1	26.4	26.6	25.7	25.2	**25**	24.8	26.5
27.4	28.6	27.2	28.5	26.3	24.2	24.7	24.9	24.5	24.5	24.4	24.4	25.8
26.7	27	26.4	26.7	26.5	25.9	25.8	25	24.2	23.6	23.5	**23.4**	25.8
29.1	29	28.7	28.5	27.7	26.6	26	25.8	25.6	25.4	25.2	25	26.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	99	99	99	99	98	97	87	86	76	69	66	68
2	97	98	98	97	97	96	92	78	77	74	72	73
3	97	97	97	97	97	97	87	77	72	71	65	68
4	89	94	96	96	97	97	93	81	73	74	71	67
5	94	95	95	95	95	96	93	84	74	77	75	68
6	83	92	94	96	97	97	92	84	80	77	71	70
7	84	81	83	82	81	93	92	82	72	69	73.5	71
8	84	85	89.5	93	96	96	90	82	73	76	74	72
9	83	84	95	96	91	91	89.5	93	88	76	74	80
10	95	95	94	95	94	97	94	90	84	86	86	89
11	98	98	99	97	98	98	95	92	96	98	91	90
12	97	97	96	96	93	94	94	92	92	92	81	79
13	88	91	94	96	97	97	95	94	92	94	97	94
14	95	94	93	93	94	95	90	87	84	76	76	72.5
15	96	97	98	98	97	98	97	92	83	79	75	75
16	97	97	97	97	97	98	87	76	73	80	78	77
17	97	97	97	97	95	96	94	88	83	84	85	74
18	98	98	96	97	97	98	94	87	86	81	83	77
19	90	89.5	91	92	93	96	92	81	82	78	77	75
20	97	93	93	91	92	94	95	92	86.5	76	77	79
21	99	99	97	96	98	98	98	86.5	97	96	89	79.5
22	96	96	94	97	97	98	99	87	86	80	79	76
23	97	97	96	97	98	98	97	88	81	77	76	80
24	87	87	92	91	92	92	86	88	84	88	78	81
25	92	91	92	90	93	92	85	80	74	75	76	75
26	97	98	97	98	98	98	96	89	86	81	79	83
27	97	97	97	97	98	97	97	92.5	89	88	79	77
28	97	98	97	98	97	97	97	97	97	92	86	76
29	96	97	93	95	96	95	96	84	82	82	73	72
30	92	96	97	96	96	97	93	82	75	76	83	86
31	89	89	88	84	91	94	88	85	78	78	76	86
Mean	93.5	94.1	94.7	94.8	95.2	96	92.7	86.4	82.4	80.5	78.1	77.1

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.2	22	21.6	21.3	20.9	20.6	21.3	22.5	22.7	22.3	21.2	21.7
2	21.3	21.1	21.1	20.7	20.2	19.9	21.1	21.8	22.3	22.5	23.5	24.1
3	21.7	21.3	21.5	21.5	21.5	21.3	22	22.2	22.3	22.2	21.1	22
4	22.4	22.4	21.9	21.6	21.3	21.4	22.8	23.8	23.1	23.7	23.4	21.9
5	22	21.9	21.7	21.7	21.6	21.7	22.5	23.1	22.3	23.1	23.1	22.7
6	21.2	21.6	21.6	21.6	21.5	21.3	21.9	22.8	22.8	22.9	22.5	22.8
7	21.9	21.3	21.7	21.7	21	22.2	22.5	23.1	22.4	22	23.4	23.4
8	22.3	22.7	22.6	22.8	22.8	22.5	22.6	23.4	23.1	22.7	23.4	23.3
9	22.5	22.5	22.4	22.7	22	22.1	22.6	22.3	23.9	22.9	23.1	23.4
10	22.2	22.1	21.6	22.1	21.8	21.7	22.3	23	23.2	23.6	22.5	23.5
11	20.5	20.5	20.9	21.3	21.3	21.4	21.1	20.9	21.6	21.4	22.1	21.7
12	21.4	21.2	21.5	21.2	21.3	21.2	21.1	21.2	21.4	23	22	21.8
13	20	20.3	21	20.9	21	21.3	21.1	20.5	19.7	20	21.2	21.8
14	21.1	22.1	22.1	22.1	22.3	22.2	22.5	22.3	21.9	22	22	22.4
15	20.8	20.8	20.6	20.5	20	19.9	20.7	22.4	22.3	22.2	23.2	23
16	21	20.5	20.3	20.1	19.8	19.8	20.3	21.1	21.6	21.7	22.6	23.2
17	21.8	21.6	21.7	21.7	21.6	21.6	21.6	22.2	22.5	22.6	22.2	22.6
18	22.3	22.1	21.6	21.5	21.5	21.2	22.1	22.7	23.3	23.8	24.3	24.1
19	22.8	22.6	22.6	22.5	22.5	22.7	23	22.3	23.5	23.5	23.4	23.3
20	21.7	21.3	22	21.3	21.6	21.3	21.6	21.7	22.9	22.7	23.4	23.8
21	20.9	21.6	21.7	22.2	21.5	21.4	22.4	22.9	22.4	22.5	22.3	22.5
22	21.9	22.3	22.3	22.6	22.5	22.4	22.8	23.5	23.1	22.7	23.6	22.8
23	22.5	22.2	22	21.5	21.4	21.8	22.8	23.3	22.1	22	22.4	23.4
24	22	21.8	22.2	21.9	22.1	22.2	22.3	22.7	23.7	24	23.3	24.1
25	22.1	22	22.1	22	22.2	22.2	22.2	23	22.6	22.9	23.9	23.8
26	22.5	22.7	22.5	22.7	22.6	22.4	22.8	22.8	23.1	23.5	24.3	24.3
27	21.4	21.3	21.2	21.3	21.4	21.3	21.7	22	22.2	22.4	23	22.6
28	22.1	21.9	21.8	21.9	21.8	21	21.2	21.5	21.5	22.5	23.4	23.3
29	22.3	22.2	21.7	21.9	21.9	21.7	22	22	23.4	23.1	21.9	22.6
30	21.3	21.6	21	20.9	20.8	21.2	22.2	22.9	22.7	23	22.9	22.3
31	21.2	20.7	20.6	20.3	20.6	20.7	21.8	22.2	22.3	22.6	22.4	22.8
Mean	21.7	21.7	21.6	21.6	21.5	21.5	22	22.4	22.5	22.6	22.8	22.9

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
65	67	73	68	78	85	93	95	96	**96**	96	95	85.4
69	71	72	74	79	86	92	93	93	**94**	95	95	85.9
71	76	77	78	79	84	80	82	83	87	90	90	83.3
65	67	70	70	73	77	78	81	79	81	84	93	81.1
71	72	71	73	71	79	81	80	**81**	81	83	83	82
70	70.5	74	72	72	78	79	82	81	81	83	84	81.6
71	74	74	74	76	82	83	84	82	82	81	83	**79.6**
75	73	74	75	78	82	83	84.5	82	84	83	82	81.9
74	**72**	74	75	77	83	92	96	**98**	**98**	97	93	86.2
84	**75**	84	86	89	89	95	**99**	**99**	**99**	**99**	**99**	91.5
92	90	92	**88**	92	96	97	99	98	99	**100**	99	**95.5**
78	79	80	85	86	90	92	92	96	92	93	94	90
93	89	**87**	90	91	92	95	**97**	96	96	**97**	96	93.7
77	78	75	77	80	81	83	91	93	**96**	**96**	95	86.3
70	**68**	74	78	78	83	87	89	90	92	93	95	86.8
82	76	**84**	90	88	86	92	93	96	96	96	97	88.8
76	76	79	78	83	87	94	94	96	**98**	90	96	88.9
79	81	80	84	83	86	88	87	84	86	89	88	87.8
75	78	81	81	89	98	**99**	98	98	96	98	98	88.6
79	83	85	85	87	92	97	98	**99**	98	97	97	90.1
82	85	80	82	81.5	90	89	90	93	93	93	90	90.9
77	79	79	78	80	83	90	94	96	96	96	97	88.8
80	78	83	79	86.5	91	90	93	**89**	88	89	90	88.3
79	87	86	83	84.5	89	91	92	**93**	**93**	89	92	87.5
79	76	93	88	88	89	89	89	92	97	97	**98**	87.1
87	88	83	84	90	93	97	97	97	97	**98**	97	92
72	74	75	77	82	84	91	91	92	97	97	97	88.9
76	78	**76**	82	82	90	94	92	91	90	95	96	90.5
75	83	80	79	81	85	87	83	89	92.5	87.5	90	86.4
85	80	85	78	86	93	92	92	94	93	93	**91**	88.8
83	83	86	83	**83**	86	87	93	95	98	**99**	**99**	87.5
77.1	77.6	79.5	79.8	82.4	86.7	89.6	91	91.7	92.5	92.7	93.2	87.5

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.1	21.6	22.9	23	**23.4**	22.1	21.8	22.2	22.2	21.7	21.7	21.3	21.9
22.6	23.1	23.8	23.9	22.3	22.4	22.8	22.8	22.4	22.7	22.2	21.7	22.2
23.1	24.5	24.1	**25**	23.8	24	22.5	**22.6**	22.8	23.1	23	22.8	22.6
21.9	22.4	22 9	22.7	23.1	22	21.8	22.3	22	22.3	22.5	22.5	22.4
23.4	23.4	23.4	**23.8**	22.2	22.1	22.1	21.5	21.6	21.5	21.7	**21.4**	22.3
23	23.1	**23.5**	22.7	22.2	22.1	21.7	22.2	22.1	21.7	22.2	22	22.2
23.7	**24.1**	24	23.8	22.8	23.3	23.2	23.2	22.7	22.6	22.3	22.5	22.7
24.1	**24.5**	23.7	24.1	24.1	23.6	23.3	23.6	**23**	23.1	22.9	22.7	**23.2**
23.2	23.8	23.7	**23.9**	23.1	22.6	23.2	23.6	23.6	23.4	23.1	**21.4**	23
23.2	23	22.4	22.2	22.4	22.1	**20.4**	20.8	20.7	20.6	**20.4**	20.6	22
21.2	21.2	21.8	21.3	21.2	20.9	21	21.1	21	21.4	21.3	21.7	21.2
21.9	21.8	21.9	21.8	21.5	21.8	21.2	21.2	21.5	21.2	21.2	**20.8**	21.5
22.3	22.2	21.5	21.4	21.3	21.2	21.3	21.4	21.2	21.4	21.7	21.4	**21.1**
22.6	23	23	**23.4**	21.8	**20.5**	20.7	21.2	21.5	21.5	21.5	21	21.9
22.3	22.1	22.2	21.1	21.3	21.7	22.1	22.3	22.1	21.9	21.5	21.4	21.6
23.3	22.7	**23.8**	23.7	23.6	22	22.7	22.5	22.8	22.7	22.4	22	21.9
23	23.1	23.7	**23.8**	23.6	23.4	**23.8**	23.6	23.5	23.4.	22.1	22.5	22.6
24.1	24	24	**24.3**	24.2	23.9	23.8	23.5	22.6	22.6	23	22.6	23
23.5	23.2	23.4	**24.1**	23.6	23.6	23.5	23.2	22.9	22.4	22.7	22.7	23.1
23.8	**24.3**	23.3	21.9	22.3	22.2	22.9	23.1	23.2	23	22.6	22.5	22.5
23	**23.9**	23.7	22.9	22.4	22.8	22.5	22.5	22.7	22.7	22.8	22.5	22.4
23.1	23.8	**23.9**	22.6	23	**21.9**	22.6	22.8	23.1	22.7	22.5	22.5	22.8
22.8	23.2	23.2	23.3	22.9	22.9	22.5	22.7	22.4	22.3	22.4	22.6	22.5
24.5	23.6	**24.5**	23.4	23.6	22.8	22.9	22.8	22.7	22.8	22.3	22.1	22.9
23.8	23.6	23	23.6	**23.3**	23.4	22.8	22.7	22.8	23.3	23	22.8	22.9
22.7	22.6	22	21.5	22.3	22.1	21.7	21.7	21.6	21.5	21.6	**21.3**	22.4
23.2	22.9	**24**	23.1	23	23.2	22.6	22.7	22.1	22	22.1	22.1	22.3
23.3	23.2	22.9	23	22.7	22.9	22.4	22.4	22.3	22.3	22.6	22.5	22.4
23.5	21.5	22.2	22.7	22.4	21.4	22.3	21.4	21.9	22	**20.6**	20.9	22.1
23.1	**23.1**	22.8	22.6	21.9	20.9	21.2	21.6	21.5	21.3	21.2	**20.8**	21.9
21.7	22.1	21.9	21.5	21.4	21.4	21.5	22	21.3	21.3	21.3	21.2	21.5
23	**23.1**	**23.1**	23	22.7	22.4	22.3	22.4	22.3	22.2	22.1	21.6	22.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	S.-Cu.	Ci. NE	S.-Cu. E	Ci.-S. NE	S.-Cu. E	Ci.	Cu.	Ci.	Cu.
2	----------	Cu.	A.-Cu.	Cu. ESE	A.-Cu.	Cu. ESE	----------	Cu. ESE	----------	Cu.
3	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci. ENE	Cu.	Ci.-S.	Cu.
4	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
5	----------	N.-cf. W	----------	Cu. W	----------	N.-cf. W	----------	Cu. W	----------	Cu.
6	Ci.	Cu. WbyS	Ci.	Cu. WbyS	Ci. ENE	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu.
7	A.-Cu. E, ESE	Cu.	A.-Cu. E, ESE	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. WSW
8	Ci.-Cu.	S.-Cu. WSW	Ci.	Cu. WSW	Ci.-Cu.	Cu.-N.	Ci.	Cu.	Ci.-S.	Cu.
9	----------	N. W	Ci.-S.	Cu.	Ci.-S.	Cu. W	Ci.-S.	Cu.	----------	N.
10	Ci.-Cu.	Cu. WbyN	Ci.-S.	S.-Cu. WbyN	Ci.-S.	N. W	Ci.-S.	N. W	Ci.-S.	N.
11	----------	Cu.-N. WSW	----------	N. WSW	----------	N. WbyS	----------	Cu.-N. WbyS	----------	N. WbyS
12	----------	N. WSW	----------	Fr.-N.	----------	N.-cf. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
13	----------	Fr.-N. SWbyS	----------	N. SW	----------	N.	----------	Fr.-N. WSW	----------	Fr.-N.
14	Ci.-S.	S.-Cu. SW	Ci.-S.	S.-Cu. SW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
15	Ci.-S.	S.-Cu.	Ci.-S.	Cu.	Ci.-S. W	Cu. SSW	Ci.-S.	Cu.	Ci.-S.	Cu.
16	Ci.-S. SSE	S.-Cu.	Ci.	S.-Cu. EbyN	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.	Ci.-S.	Cu.
17	A.-Cu. NE	Cu. NNE	----------	N.-cf. NNE	----------	N. NEbyE	----------	N. NE	----------	Cu.-N. ENE
18	A.-Cu.	cu.-N. WNW	A.-Cu.	cu.-N. WNW	A.-Cu. NW	Cu. WNW	Ci.	Cu.-N.	Ci.	Cu.
19	Ci.-Cu.	Cu. WNW	Ci.	Cu. WNW	Ci.	Cu. WNW	Ci.	Cu.	Ci.-Cu.	Cu.-N.
20	----------	Cu. WbyS	A.-Cu.	Cu. WbyS	----------	Cu. WbyS	----------	Cu. W	A.-Cu.	Cu. WSW
21	A.-Cu. W	Cu.	----------	N.	----------	N.	A.-Cu.	N.	A.-Cu.	Cu.-N. W
22	Ci.	Cu.	A.-Cu. SE	Cu.	----------	Cu.-N.	----------	Cu.-N. W	Ci.	Cu. W
23	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	cu.-N. WSW	Ci.-Cu.	Cu.-N.	A.-Cu.	Cu.-N.
24	----------	N. WbyS	----------	Cu. WbyS	Ci.-S.	Cu.	----------	Cu.	----------	Cu.
25	A.-Cu.	Cu. WSW	A.-Cu.	Cu. WSW	A.-Cu.	Cu.	Ci.	Cu. WSW	A.-Cu.	Cu.
26	----------	N.-cf.	----------	Cu.	----------	Cu. ESE	Ci.	Cu. E	Ci.-S.	Cu.-N.
27	Ci.-S.	S.-Cu. NNW	Ci.-S.	cu.-N. NNW	----------	N.-cf. NWbyW	A.-Cu.	Cu.-N.	A.-Cu. NE	Cu.-N.
28	----------	N.	----------	N.	Ci.-S.	Fr.-N.	Ci.-S.	Fr.-N.	Ci.	Cu.
29	A.-Cu.	Cu.-N. SW	Ci.	Cu.-N. WSW	Ci.	Cu. WSW	Ci.	Cu. W	Ci.	Cu.
30	A.-Cu.	Cu.	----------	Cu.	----------	Cu. WSW	---------	N.-cf. WSW	----------	Cu.
31	A.-Cu.	Cu.	----------	Cu. SW	Ci.-S.	Cu.	A.-Cu.	Cu. SW	----------	Cu. SW

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu. E
2	Ci.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu.-N.	Ci.-Cu.	Cu.-N.
3	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S. NNW	Cu.-N.	Ci.	Cu.
4	Ci.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu.
5	----------	Cu. W	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
6	----------	Cu. W	Ci. ENE	Cu.	Ci. ENE	Cu.	Ci. ENE	Cu.	Ci. ENE	Cu.
7	A.-Cu.	Cu. WSW	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu.	Cu.	Ci.-Cu.	Cu.
8	Ci.-S.	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
9	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-Cu. NE	Cu.-N.	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W
10	Ci.-S.	Cu. W	Ci.-S.	Cu. W	----------	Cu.-N. W	----------	Cu.-N. W	----------	N. WbyS
11	----------	N. W	----------	N. W	----------	N. WSW	----------	N. SWbyW	----------	N. WSW
12	Ci.-S.	Cu. WSW	Ci.-S.	S.-Cu. WSW	Ci.-S.	N. WSW	Ci.-S.	N. WSW	Ci.-S.	N. WSW
13	Ci.-S.	Cu.	----------	Fr.-N. WSW	Ci.-S.	Fr.-N. WSW	----------	N.	----------	N.
14	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	----------	Cu. SW
15	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	----------	Cu.-N.	Ci.	S.-Cu. ESE	A.-Cu.	Cu.-N. SE
16	Ci.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	cu.-N. EbyN	Ci.-S.	cu.-N. EbyN	Ci.-S.	S.-Cu. E
17	----------	Cu. ENE	A.-Cu. E	Cu.-N.	A.-Cu. E	Cu.-N.	A.-Cu. E	Cu.-N.	----------	Cu.-N.
18	A.-Cu. WNW	Cu.-N.	A.-Cu. WNW	Cu.-N. W	A.-Cu.	Cu. W	A.-Cu.	Cu.-N.	A.-Cu.	Cu.-N. W
19	A.-Cu.	Cu.-N.	----------	Cu. WNW	----------	Cu. WNW	----------	cu.-N. WNW	----------	cu.-N. WNW
20	Ci.-S.	Cu. WSW	Ci.-Cu. ENE	Cu.-N.	Ci.-S.	N.	Ci.-S.	N.	Ci.-S.	N. WSW
21	Ci.	Cu.-N.	A.-Cu. E	Cu.	A.-Cu.	Cu.	----------	Cu. W	A.-Cu.	Cu. W
22	Ci.	Cu. W	Ci.-Cu. ESE	Cu.	A.-Cu. ESE	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
23	A.-Cu.	Cu.-N.	Ci. E	Cu. WSW	----------	N.-cf. WSW	Ci. E	Cu.-N.	Ci.-S.	Cu. WSW
24	Ci.	Cu.	A.-Cu.	N. WbyS	A.-Cu.	N. WbyS	A.-Cu.	N.	A.-Cu.	cu.-N. WbyS
25	A.-Cu.	Cu.	A.-Cu.	Cu. SWbyS	A.-Cu.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
26	Ci.-S.	Cu.-N.	----------	N. SSE	Ci.-S.	N.	----------	N.-cf.	----------	Fr.-N.
27	Ci.-Cu.	Cu.-N.	Ci. ENE	Cu.	Ci. ENE	Cu.	A.-Cu.	Cu.	Ci.-S.	Cu. NW
28	Ci.	Cu.-N.	Ci.-S.	Cu.-N. WSW	Ci.-S.	Cu.-N. SWbyW	Ci.-S.	cu.-N. WSW	----------	cu.-N. WSW
29	Ci.	Cu.	----------	Cu.-N. SW	A.-Cu.	Cu.	Ci.-S.	Cu.	A.-Cu.	S.-Cu. SW
30	----------	Cu. WSW	A.-Cu.	Cu. WSW	----------	Cu. WSW	----------	Cu. WSW	----------	N.
31	----------	Cu. SW	----------	N.-cf. WSW	----------	N.-cf. WSW	A.-Cu.	S.-Cu. WSW	A.-Cu.	s.-cu. WSW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	Calm	NE 1	Calm	NE 1.5	SE 0.5	ESE 0.5	EbyS 0.5	SE 1.5	S 1	SE 1	SSW 1
2	E 1	Calm	Calm	ENE 0.5	NE 1.5	Calm	NE .5	Calm	S 1	SW 1	SW 1	SW 1
3	Calm	ENE 1.5	ESE 1.5	ESE .5	ESE 1.5	SE .5	ESE 1.5	S 1	S 1	SSE 1.5	SW 1.5	SW 2.5
4	SSW 3	SSW 1.5	SSE .5	ESE .5	E 1.5	Calm	E .5	SSW 1	SW 1	SSW 3.5	SW 4	SW 6
5	SE .5	SE 1	SE .5	SE .5	Calm	SE .5	NE .5	SW 2	W 1	WSW 1.5	SW 2	SW 5.5
6	WNW 2	SW .5	NE 1	NE .5	NE 1	Calm	EbyS .5	ENE .5	WNW 1.5	WSW 2.5	W 3	SW 7
7	SW 4	WSW 4	WSW 4	WSW 6	N 2	Calm	NE .5	Calm	SW .5	WNW 2	WSW 4	SW 5
8	WNW 2	WSW 6.5	NNW 2	NNE 3.5	NE 1.5	Calm	E .5	ENE .5	NW .5	WSW 1.5	WSW 3	WSW .5
9	NW 3.5	WSW 5.5	SE 1.5	ENE 1	SW 3.5	WbyS 2	WbyS 3.5	W 2	Calm	W 2	W 3	W 1
10	SSW 4	SSW 2.5	SSW 2.5	SSW 1.5	SSE .5	EbyN 2	ENE 1	E 1	ESE .5	ESE .5	SW 4.5	SW 2.5
11	ENE 1	E 1.5	E .5	SSE 1.5	SE 1	ENE .5	ESE 1	S 2	SSW 1.5	NNW 2.5	W 7	SW 2
12	S 2.5	SW 7	WSW 9	SW 6.5	WSW 9	SSW 4	SSW 4	SSW 8	SSW 4.5	SW 2	SSW 7	SW 8
13	SE 2.5	SE 1.5	SSE 2.5	S 2	ESE 1	SSE 3.5	SSE 2.5	S 7	SSW 8	SW 6	S 3.5	SSW 6.5
14	ESE 3	SE 3.5	ESE 3	SE 3.5	ESE 3.5	SE 2	SE 2.5	SSE 1	SSE 1	SSE 1.5	SSE 1.5	WSW 1.5
15	E 1.5	E 1	SSE .5	SE 1	E .5	Calm	Calm	SE 1	ESE 1	Calm	ESE 1	SW 1
16	ENE .5	NE 1	NE 1	NE 1.5	Calm	Calm	Calm	NE .5	WSW 1	WNW 3	NW 4	WSW 3
17	E 1	E 1	Calm	NE 1.5	N 2.5	NE 1.5	NNE 2.5	NNW 1	NNW 2	NW .5	WNW 1.5	SW 2
18	NE .5	NE 1.5	N 1	N 1	NNE 1	NE .5	NE 1	Calm	SSW 1	SW .5	SW 1	WSW 4
19	SW 3.5	WNW 3.5	WNW 4.5	WNW 3	WNW 2	NbyE .5	Calm	NW 1	WNW .5	W 1.5	W 3	SW 3
20	SSW 3.5	SW 4.5	SW 3.5	SW 5.5	WSW 3.5	NbyW 1	NE 2	Calm	S .5	SW 2	SW 3.5	SW 4.5
21	NW 1.5	ESE 1	SSW 2.5	SSW 3.5	E 1	EbyN 1.5	E .5	E 1	SW 4.5	WSW 1	SW 4	SW 3.5
22	NW 2	WSW 4.5	NW 2	NNE .5	Calm	E .5	E .5	Calm	S .5	SW 2	SW 3	SSW 3.5
23	Calm	SW 2.5	WNW 2	WSW 6	WSW 2	Calm	SW 1.5	SW 1	W 1	SW .5	SW 1.5	SW 2.5
24	SW 5.5	SWbyW 5.5	SSW 3.5	SSW 2.5	SSW 2.5	SSW 3	WSW 6	SW 6	SW 1.5	SW 5.5	SW 3.5	SW 6.5
25	SSW 3.5	SSW 3.5	SW 4.5	SSW 2.5	SSW 2.5	SW 1	SSW 1	SSW 2	SW 3.5	WSW 5.5	SW 5	SW 5.5
26	SSW 1.5	SE 1	E 1	Calm	E 1.5	SE .5	SW 2	SW 1	WSW 2.5	S 3.5	SW 4.5	SW 6.5
27	NNW 1.5	NNW 1.5	Calm	Calm	Calm	NE 1.5	NE 1	NE 1	Calm	Calm	Calm	SW .5
28	Calm	Calm	ENE 1	ENE 1.5	ESE 1.5	WbyS 3.5	Calm	Calm	NE .5	NE .5	NE .5	SW 2
29	Calm	SE 1	SSW 2	SE 1.5	ESE 1	SbyE 2.5	SbyE 2	W 1	SW 2.5	SW .5	WSW 3.5	SW 3.5
30	S 1.5	SE 1	SE .5	SE 1.5	SE 1	SE .5	SE .5	Calm	SW 3.5	SW 3	SW 6.5	WSW 10
31	SW 3	SSW 2	SSW 3.5	SSW 3.5	SSE .5	Calm	W 6.5	WSW 2.5	SW 2.5	SW 1	SW 3	WNW 3
Mean	1.9	2.3	2	2.1	1.7	1.1	1.5	1.5	1.7	1.9	3.1	3.7

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	SW 0.5	NW 1	NW 2.5	W 1	W 1	SE 4	SE 1	E 1.5	ESE 1	ESE 1	SE 1	SE 1.5	1.1
2	WbyS 1	WSW 1	WSW 2.5	W 8.5	SSE 2	SSE 1	SSE .5	SE .5	ESE 1.5	ESE .5	NE .5	NE 1.5	1.2
3	SW 6.5	WSW 2.5	WSW 5	WSW 5	WSW 3	WSW 1.5	WSW 5	WSW 3.5	WSW 2.5	SW 2	SSW 2	SSW 2.5	2.3
4	WSW 7	SW 8	WSW 5.5	SW 5.5	SW 5	SW 5.5	SW 6.5	SW 6.5	WSW 4.5	SW 4.5	SW 3	Calm	3.5
5	WSW 4	WSW 7	WSW 4	WSW 5	WSW 5.5	WSW 4.5	SW 4	WSW 6.5	WSW 6.5	WSW 5.5	WSW 4.5	WSW 3.5	3.2
6	SW 6	SW 7	SW 7	SW 10	SW 7.5	WSW 5	SW 6.5	WSW 5.5	WSW 5.5	WSW 4	SW 4	SW 4.5	3.9
7	SW 5.5	WbyS 6	WSW 6.5	SW 8.5	SW 6.5	WSW 5	WSW 5.5	SW 5.5	SW 5.5	SW 4.5	SW 4.5	SW 5.5	4.2
8	SW 2.5	SW 4	SW 7.5	SW 7.5	SW 6.5	SW 6.5	SW 7.5	WSW 6.5	WSW 6.5	SW 4.5	WSW 5.5	SW 4.5	3.8
9	SW .5	WSW 1.5	SW 4.5	WSW 4.5	NW 4	ESE .5	SE 4	Calm	NNE .5	E 1	Calm	SSW 3	2.2
10	SW 2	SW 2.5	WSW 6.5	WSW 7.5	SW 8	SW 4	NNW 3	NE 1	ENE 1.5	E 1.5	ENE 1	NE 1	2.6
11	SW 11.5	SW 6	SSW 4	SSW 3.5	SW 10	SW 4.5	SSW 3.5	SSW 3.5	SSW 3.5	WSW 2.5	SSW 1.5	SW 3.5	3.3
12	SSW 8.5	SW 7.5	SSW 4	SSW 6.5	SSW 6	SbyW 7	SW 7	S 3.5	SE 2	S 4.5	SE 2.5	SSE 2.5	5.5
13	SE 1	SW 5.5	SSW 2	SSW 2.5	S 4	SE 1	SE .5	SE 1.5	E 1.5	SE 2	SE 3	ESE 2	3
14	SSW 2.5	Calm	Calm	WSW 1	SW 7.5	SSW 2	SSW 1	Calm	Calm	SW .5	E 1.5	ENE 1	1.9
15	SW 1	WSW 2	Calm	NE .5	ENE 2	SE .5	Calm	ESE 1	E .5	Calm	NE 1	Calm	.7
16	WSW 1	WSW 3	Calm	Calm	SSW 1	SbyE .5	SE 1	SSE 1	SSE .5	Calm	E .5	E .5	1
17	WNW .5	WSW 2	W 4	SW 3	SW 4.5	SW 2	SW 2.5	SW 1.5	Calm	NE .5	WWN 3.5	NW .5	1.7
18	SW 1	SW 4	WSW 7	SW 4	wsw 7.5	SW 5	SW 6.5	swbyw 6.5	W 6.5	W 2.5	WNW 3	WSW 3.5	2.9
19	SW 3.5	SW 6.5	SW 6.5	SW 3	SW 5.5	S 2	S 1	SSW 2	SW 1.5	SSW 1.5	SSE 1	SW 3.5	2.6
20	SW 5.5	WSW 5.5	SW 6	SSW 4	SW 3	SW 2.5	ESE 1	E .5	E .5	E 1.5	Calm	ENE 1.5	2.7
21	WSW 4	SW 4.5	SW 4	SW 7	SW 5.5	SW 3.5	SW 2.5	SW 4.5	SSW 3	SSW 3	SSW 2	SW 3.5	3
22	SW 3.5	SW 4.5	SWbyW 6.5	SW 5	SW 5.5	swbyw 6	W 1	Calm	Calm	E 1.5	ESE 1.5	Calm	2.2
23	SSW 1.5	SW 3	SSW 1.5	SW 4.5	SW 3.5	SSW 4	SSW 4	S 3.5	SW 6.5	SW 5.5	swbys 5.5	SSW 4.5	2.8
24	SW 6	SW 7	SW 6.5	SW 4	SW 5	SW 4	SSW 6.5	swbys 3.5	SSW 3.5	SSW 3.5	SSW 3.5	SSW 3.5	4.5
25	SW 8.5	WSW 8	SSE 2.5	SSW 4	SW 2.5	SW 4	SSW 2.5	S 2	SE 2	Calm	SE 1.5	SE 1.5	3.3
26	SW 4	SW 5	SW 4	SW 3.5	SW 3	NNE 2	NE 1.5	NE 1.5	NE 1.5	Calm	Calm	N 1	2.2
27	SW 1	SW 3	SSW 3	SW 4.5	SW 4	SW 3.5	SW 7	WSW 4.5	NE 2	NE 1.5	Calm	ENE .5	1.7
28	SW .5	SW 4	SW 3.5	SW 5	SW 3	SE .5	SE 1	SSW 2	WSW 2	SSW 1.5	Calm	SE 1	1.5
29	WSW 5	SW 12	WSW 4	WSW 3.5	WSW 2.5	SW 2	SW 2.5	WNW 2.5	SW 2.5	SW 1	SSW 3.5	S 2.5	2.7
30	SW 8	W 4	WSW 5	WSW 4	W 4.5	SW 13	SW 5	SE 1.5	SE .5	Calm	SE 1.5	SSE 2.5	3.3
31	WSW 7	SW 8	S 4	SW 6	SW 2	SW 2.5	SW 1.5	S 1	WSW 6	SSW 3	Calm	Calm	3
Mean	3.9	4.7	4.2	4.6	4.5	3.5	3.3	2.7	2.6	2.1	2	2.1	2.7

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon
1	2	2	3	4	4	5	4	2	5	6	11	7
2	2.5	1	0	2.5	3	2	1.5	.5	6	6.5	9	9.5
3	3.5	4.5	4.5	2.5	3.5	3.5	4.5	5.5	6	7	9.5	13.5
4	9	6	1	2	2	3	2	1	7	12	16	23
5	3	3	2.5	2.5	2.5	1.5	1.5	4.5	13	12.5	20.5	26
6	11	2	6	2.5	1.5	2	2.5	2	4.5	9	16	17
7	11.5	14	18	19	19	4	1	1	1	8	10	17
8	15	12	19	9	3	1	1	0	3	4	12	11.5
9	18	14	7	3.5	5	10.5	12	11.5	1.5	4	15	8
10	15	10	10	7.5	5	2.5	5	3	4	2	7	17.5
11	0	0	0	4	3	4.5	3.5	4.5	8	8.5	22.5	23.5
12	9.5	10.5	26	22.5	32.5	28	15	16	16	11	30	30
13	12.5	5.5	6	8.5	3.5	5	11	12	25	28	19	15
14	8.5	12.5	12	9	11	8	6.5	5.5	5	5	7.5	6.5
15	4	2	1.5	.5	3	0	0	1.5	3.5	3	2.5	7.5
16	0	0	1	1	1	0	1	1	1	9	15	10
17	2.5	2.5	1.5	4	5.5	7	4.5	6.5	8	7.5	3	8
18	0	2	1.5	1	0	.5	2	1	3	7.5	11	13
19	14	12	13	10	10	4.5	1.5	4	7	6	10.5	8.5
20	18	19	20	18.5	21	10.5	2.5	1.5	0	2	15	21
21	9.5	3.5	4.5	11	3	4.5	4.5	3.5	13.5	12.5	8.5	11.5
22	16.5	9	13.5	3.5	0	.5	.5	.5	1	3	11.5	18
23	0	6	10	8	17	1	1	2	4	4	6	10.5
24	19	23	13.5	13	10.5	9	16	18.5	21.5	22.5	27.5	21
25	15	11	16	18	9	10	8	8.5	11.5	18	20	24
26	4	3	3.5	3.5	3	4	4	8	7	11	14	20
27	1	3	0	0	0	1	2	3.5	2.5	0	0	1
28	0	0	0	1	1	11	6.5	0	4.5	3	4.5	3.5
29	2	.5	9.5	4.5	2	3.5	8	9.5	2.5	7	9.5	12.5
30	8	5.5	1	2	4	2.5	3.5	3	5.5	12	13	26.5
31	13	10	9	12	8	2	10.5	17	10	15.5	16	14
Mean	8	6.7	7.5	6.8	6.3	4.9	4.7	5.1	6.8	8.6	12.7	14.7

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine
														h. *m.*
1	9	8	8	8	7	7	9	10	10	9	10	10	8.8	2 55
2	5	2	3	6	6	6	5	9	9	10	9	9	6.6	8 50
3	4	3	3	6	7	8	8	10	9	9	9	9	7.1	8 00
4	2	2	4	5	2	6	2	1	1	1	1	2	2.4	10 35
5	7	9	3	9	7	4	3	6	6	5	5	3	5.6	9 35
6	8	6	6	6	6	6	7	7	8	8	9	7	7	10 00
7	9	9	9	7	6	6	4	8	9	7	5	6	7.1	8 05
8	8	7	6	6	4	6	6	3	5	5	5	7	5.7	10 10
9	10	10	10	9	9	10	9	8	8	9	10	10	9.3	2 55
10	10	8	9	10	10	10	10	10	10	10	10	10	9.8	0 30
11	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
12	10	10	10	10	10	10	10	10	10	10	10	10	10	0 25
13	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
14	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
15	9	10	10	9	9	9	9	9	10	9	9	9	9.2	3 45
16	7	6	5	8	9	9	8	9	10	10	10	10	8.4	5 05
17	10	9	9	10	10	10	9	9	7	10	10	10	9.4	2 45
18	8	8	9	8	5	5	8	9	9	9	9	8	7.9	6 00
19	8	6	6	6	6	8	8	7	8	6	9	10	7.3	8 25
20	9	9	8	7	7	7	8	10	10	10	10	10	8.8	4 30
21	9	10	10	10	10	8	7	7	8	7	6	9	8.4	4 25
22	9	6	8	8	9	9	9	9	9	8	10	10	8.7	5 50
23	9	7	8	8	9	8	9	9	9	8	10	10	8.7	3 15
24	8	10	8	5	5	7	6	10	9	9	8	9	7.8	6 25
25	5	5	8	8	7	7	8	8	10	8	10	10	7.8	6 25
26	10	9	9	9	9	10	10	10	10	10	10	10	9.7	2 20
27	10	10	10	10	10	7	7	6	6	8	10	10	8.7	2 55
28	10	10	10	10	10	8	8	8	9	9	10	10	9.3	1 30
29	9	9	8	8	6	7	6	9	6	5	8	7	7.3	6 15
30	6	3	3	5	9	8	9	10	10	10	10	10	7.8	5 30
31	10	9	10	10	10	10	10	10	10	9	10	8	9.7	0 30
Total														147 50
Mean	8.3	7.7	7.7	8.1	7.9	7.9	7.8	8.4	8.5	8.3	8.8	8.8	8.2	4 46

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
6.5	9.5	7.5	**11.5**	10.5	7.5	9.5	6.5	4	2	4	4.5	5.8
11	14.5	15	**18**	16.5	6.5	2	2	5	2	3	**4**	6
19.5	**23.5**	22	**23.5**	18	15	13	16	13	10	5	6	**10.5**
26	25	24	25.5	23.5	24	23	25	22	20	16	4	**14.2**
21	24	22	24	18	25	24	24	25	21	20	15	**14.8**
24	24	26	30	**31**	30	27	24	23	19	16.5	17	**15.3**
20	27	23	**30**	23	27	25	25	21	25	19	20	17
13.5	18.5	24.5	21.5	27.5	23.5	25	22.5	**28**	20	22	11	**14.5**
1	6	15	**20**	15	2	2	5.5	.5	2	1.5	11.5	8
9	14.5	19	17	21	**21.5**	12.5	4	1	.5	.5	0	8.7
33	29	17	17	16	31	20.5	13.5	15	11	7	11	**12.6**
34	28	25	19	22	19	24	19	9.5	8.5	12.5	9.5	**19.9**
10	12.5	16.5	15	12	5.5	1.5	3	4	6	**9**	7	**10.5**
9.5	1.5	1.5	2.5	10.5	**18**	5.5	.5	0	0	2.5	3	**6.3**
5	**8.5**	5.5	7	7	2	.5	.5	0	0	0	1	**2.8**
11.5	10	4.5	4	.5	7.5	3	3	1	1	2	1	**3.7**
8	8.5	14	13	**16.5**	12	9.5	5.5	3	2	4.5	5.5	**6.8**
14	20	**27**	25	**27**	26	23	22	22	15	15	13	**12.1**
12.5	19.5	**27.5**	19.5	23.5	19	7.5	15	2.5	6.5	3	3	**10.8**
21	21	**25**	23.5	18	7.5	7	1.5	2	2.5	4	3.5	**11.9**
14	13	13.5	18	**20.5**	18.5	20	19	15.5	11.5	9.5	11	**11.4**
19	20	22	**24**	**31**	19	15	2	2	3.5	1.5	0	**9.9**
12.5	9.5	13	12.5	15.5	16.5	19	15.5	18.5	**23**	22.5	**19.5**	**11.1**
26	23	**30**	27	22	22	22	18	13.5	12.5	13	13	**19**
21	19	20	8.5	10	12.5	11.5	8.5	6.5	3	2.5	3	**12.3**
23	**24**	21	20	15	9	6	3	1	1	0	0	**8.7**
5	10	11	21	19	21	**25**	23	16.5	5.5	0	**1**	**7.2**
4.5	6.5	**18**	17.5	16	3.5	3.5	3.5	9	5.5	.5	2	**5.2**
17	**25**	23	10	13	20	11	**6**	10.5	4.5	17	9.5	**9.9**
39	23.5	24.5	20	13.5	30.5	28	12	3	3	4.5	6.5	**12.3**
33	26	23	13	14	14	9	6	12	15	8	0	**12.9**
16.9	17.6	**18.7**	18	17.6	16.7	14	11.4	10	8.5	7.9	7	10.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	-----	-----	2	-----	1	4	7	-----	1	1	1	-----	2	-----	2	-----	3	138.5	5.1	-----
2	-----	-----	4	1	1	2	1	3	1	-----	3	2	2	-----	-----	-----	4	143.5	3.6	-----
3	-----	-----	-----	1	-----	4	1	1	2	2	4	8	-----	-----	-----	-----	1	253	4.4	-----
4	-----	-----	-----	-----	2	1	-----	1	-----	4	11	3	-----	-----	-----	-----	2	342	4.8	-----
5	-----	-----	1	-----	-----	-----	5	-----	-----	-----	4	12	1	-----	-----	-----	1	356	4.5	-----
6	-----	-----	3	1	-----	1	-----	-----	-----	-----	9	6	1	2	-----	-----	1	367.5	5	-----
7	1	-----	1	-----	-----	-----	-----	-----	-----	-----	10	8	1	1	-----	-----	2	408.5	5.2	6.9
8	-----	1	1	1	1	-----	-----	-----	-----	-----	9	7	-----	1	1	1	1	348	4.7	8
9	-----	1	-----	1	1	1	2	-----	-----	1	3	3	6	-----	2	-----	3	192	2.3	3.8
10	-----	-----	2	3	3	2	-----	1	-----	4	6	2	-----	-----	-----	1	-----	209	1.1	55.7
11	-----	-----	-----	2	2	1	1	1	1	7	6	1	1	-----	-----	1	-----	303	.3	135.7
12	-----	-----	-----	-----	-----	-----	2	1	3	10	6	2	-----	-----	-----	-----	-----	477	1.6	13.7
13	-----	-----	-----	-----	1	2	8	3	4	4	2	-----	-----	-----	-----	-----	-----	253	.4	18.8
14	-----	-----	-----	1	1	3	4	4	-----	3	2	2	-----	-----	-----	-----	4	152	2.5	-----
15	-----	-----	2	1	4	3	3	1	-----	-----	2	1	-----	-----	-----	-----	7	66	2.1	-----
16	-----	-----	4	1	2	-----	1	2	1	1	-----	4	-----	1	1	-----	6	89	2	.1
17	1	1	3	-----	2	-----	-----	-----	-----	-----	6	1	1	3	2	2	2	162.5	2	1.7
18	2	1	4	-----	-----	-----	-----	-----	-----	1	7	5	2	1	-----	-----	1	291.5	3.8	-----
19	-----	1	-----	-----	-----	-----	-----	1	2	2	9	-----	2	5	1	-----	1	260	3.4	80.5
20	1	-----	1	1	3	1	-----	-----	1	2	10	2	-----	-----	-----	-----	2	285.5	2.2	44.9
21	-----	-----	-----	-----	4	1	-----	-----	-----	5	11	2	-----	-----	1	-----	-----	274	1.9	8.4
22	-----	1	-----	-----	3	1	-----	-----	1	1	6	3	1	-----	2	-----	5	236.5	2.6	44.9
23	-----	-----	-----	-----	-----	-----	-----	-----	1	5	12	2	1	1	-----	-----	2	267	3.2	-----
24	-----	-----	-----	-----	-----	-----	-----	-----	-----	9	13	2	-----	-----	-----	-----	-----	457	2.9	1
25	-----	-----	-----	-----	-----	-----	3	1	1	8	8	2	-----	-----	-----	-----	1	295	2	4.3
26	1	1	3	-----	2	-----	2	-----	1	1	9	1	-----	-----	-----	-----	3	208	1.4	3.9
27	-----	-----	5	1	-----	-----	-----	-----	-----	1	7	1	-----	-----	-----	2	7	172	2.1	26.4
28	-----	-----	3	2	-----	1	3	-----	-----	2	6	1	1	-----	-----	-----	5	125	1.7	14.2
29	-----	-----	-----	-----	-----	1	2	-----	3	2	8	5	1	1	-----	-----	1	237.5	8.9	2.8
30	-----	-----	-----	-----	-----	-----	9	1	1	-----	6	3	2	-----	-----	-----	2	294.5	2	6.4
31	-----	-----	-----	-----	-----	-----	-----	1	2	4	9	3	1	1	-----	-----	3	310	2	7.6
Total	6	7	39	17	33	29	54	22	26	80	205	94	26	17	12	7	70	7,974	86.7	483.7
Mean	0.2	0.2	1.3	0.5	1.1	0.9	1.7	0.7	0.8	2.6	6.6	3	0.8	0.5	0.4	0.2	2.3	257.2	2.8	15.6

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	**760.80**	0.05a.	31.8	4.05p.	99	23.4	**758.34**	2.00p.	23	5.45a.	**65**	20.6
2	60.35	9.50p.	**32.4**	2.50p.	98	24.1	57.80	2.50p.	22.6	5.30a.	69	19.9
3	60.55	10.45p.	31.9	11.45a.	97	**25**	57.75	3.35p.	23.3	5.50a.	**65**	21.1
4	60.50	8.45a.	31.7	11.05a.	97	23.8	57.85	4.10p.	23.4	5.45a.	**65**	21.3
5	60.35	10.30p.	31.6	1.20p.	96	23.8	57.85	4.30p.	23.7	5.40a.	68	21.4
6	59.90	0.05a.	31.5	1.40p.	97	23.5	57.32	4.00p.	23.7	6.05a.	70	21.2
7	59.35	11.00p.	32	1.35p.	**93**	24.1	57.31	4.00p.	24.9	6.10a.	69	21
8	59.40	9.35p.	31.6	1.35p.	96	24.5	57.05	4.20p.	24.7	5.55a.	72	**22.3**
9	59.40	8.00a.	31.3	3.20p.	98	23.9	56.80	4.25p.	24.5	11.55p.	72	21.4
10	58.40	9.30a.	30.2	1.55p.	99	23.6	56.10	3.30p.	22.4	10.55p.	75	20.4
11	57.45	0.05a.	**26.1**	11.45a.	**100**	**22.1**	55.35	3.40p.	22.5	0.20a.	**88**	20.5
12	**56.50**	10.00p.	28.8	0.45p.	97	23	54.04	3.00p.	23.5	1.50a.	78	20.8
13	57.85	11.20p.	26.3	1.35p.	97	22.3	55.10	5.10a.	23	9.50a.	87	**19.7**
14	59.45	11.00p.	30.3	0.05p.	96	23.4	56.30	2.35a.	23.5	0.50a.	72.5	20.5
15	60.30	10.15p.	31.5	2.20p.	98	23.2	57.85	2.40p.	22.3	5.55a.	68	19.9
16	60.70	10.30p.	31.3	1.45p.	98	23.8	57.90	4.20p.	**22.2**	5.55a.	73	19.8
17	60.25	0.05a.	31	1.25p.	98	23.8	57.30	3.50p.	24	2.00a.	74	21.6
18	58.70	9.25a.	31	1.25p.	98	24.3	55.25	4.10p.	23.2	5.55a.	77	21.2
19	58.65	10.30p.	31.5	1.40p.	99	24.1	56.05	4.45p.	24.5	8.35p.	75	**22.3**
20	59	Midnight	29.9	10.45a.	99	24.3	56.60	3.50p.	23.9	0.40a.	76	21.8
21	59.65	9.25a.	29.7	3.15p.	99	23.9	56.75	4.30p.	22.5	0.45a.	79.5	20.9
22	59.15	9.00p.	30.1	0.15p.	99	23.9	56.60	4.25p.	24.1	1.25a.	76	21.9
23	58.75	0.50a.	30	11.35a.	98	23.4	55.85	3.25p.	23.5	4.15a.	76	21.4
24	57.15	0.15a.	30.2	1.05p.	**93**	24.5	**54**	3.35p.	**25.1**	5.20a.	78	21.8
25	57.10	10.35p.	30.7	0.10p.	98	23.9	54.75	4.00p.	24.9	Midnight	74	22
26	58.40	9.20p.	30.5	11.20a.	98	24.3	56.45	2.35a.	23.6	10.15p.	79	21.3
27	58.50	9.20a.	31	1.20p.	98	24	55.90	4.05p.	23.5	5.05a.	72	21.2
28	58.40	11.10p.	29.7	0.15p.	98	23.4	55.80	4.20p.	23.2	5.50a.	76	21
29	59.60	10.30p.	31	9.45a.	97	23.5	56.75	4.10a.	24.1	5.45a.	72	20.6
30	59.85	9.45p.	30.6	0.30p.	97	23.1	57.45	3.45p.	23.3	3.30a.	75	20.8
31	59.85	9.40p.	29.5	10.50a.	99	22.8	56.95	4.10p.	22.8	11.15p.	76	20.3
Mean	759.17	-------	30.5	-------	97.5	23.7	756.55	-------	23.5	-------	73.9	21 .

DAILY GENERAL REMARKS.

1____◹ E quadt. in the afternoon.
2____◠° in the afternoon.
3____Convergence of Ci. toward NNE in the morning and toward N in the afternoon.
4____Somewhat gusty SWly winds in the afternoon.
5____p° in the morning.
6____♎° early in the morning; coloration of clouds at sunrise; gusty SWly winds in the afternoon.
7____Somewhat gusty Wly winds at intervals.
8____● in the early morning.
9____●° in the morning and at night; ◹ S quadt. in the afternoon.
10____d in the early morning and afternoon; ●² in the evening.
11____Rainy weather with gusty SW winds in the forenoon and afternoon.
12____Gusty SWly winds at intervals; ● in the morning; d in the evening.
13____● in the morning; ●° in the afternoon and at night.
14____Overcast.
15____♎² early in the morning; ⊕ in the morning and afternoon.
16____♎² early in the morning; ⊕ at noon; d° in the evening.
17____d in the morning and evening; ◹ E, ENE and S in the afternoon.
18____♎² early in the morning; ◠ in the afternoon.
19____Waterspout toward NW with local ●² in the evening.
20____d in the early morning and evening.
21____●² in the early morning.
22____d in the early morning; ◹ NE quadt., ●° in the evening.
23____●² early in the morning; ◠ in the morning.
24____d in the morning and afternoon; ◺ N quadt. in the evening.
25____⊤°S, p in the afternoon; d at night.
26____♎² early in the morning; ●° in the afternoon.
27____♎² early in the morning; d° in the morning; d² at night.
28____●² early in the morning; d at night.
29____●° in the early morning; d, gusty SWly winds in the afternoon.
30____♎² early in the morning; ●°, gusty SWly winds in the forenoon and afternoon.
31____d in the morning; ●° at night.

OBSERVATIONS FOR SEPTEMBER, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	59	58.85	58.25	57.95	57.85	57.90	58.11	58.90	**59.35**	59.51	59.03	58.37
2	**59.85**	59.65	58.75	58.40	58.45	58.36	58.82	59.79	59.60	59.66	59.40	59.15
3	58.45	57.80	57.50	57.55	57.60	57.14	57.85	58.86	**58.97**	58.96	58.78	58.41
4	56.75	56.10	55.25	55.15	55.20	55.41	55.84	56.41	56.64	**57.07**	56.62	56.10
5	54.50	53.85	53.35	53.35	53	53.23	53.47	54.02	53.91	53.71	53.42	52.81
6	54.10	53.70	53.75	**53.50**	53.85	54.39	54.81	55.21	55.22	55.55	55.83	55.44
7	55.90	55.35	55.20	55.30	55.50	55.45	55.80	56.43	**56.59**	56.44	56.13	55.72
8	55.55	55.20	55.15	55.25	55.45	55.49	55.85	56.43	56.53	56.38	56.33	56.10
9	56.20	56	55.85	55.90	56.05	56.11	56.60	56.99	56.94	**56.89**	56.77	56.28
10	57.05	56.70	56.50	56.30	56.85	56.71	**56.94**	57.38	57.65	57.65	57.42	57.16
11	57	56.75	56.70	**56.65**	56.95	56.98	57.15	57.67	58.19	58.28	58.35	**57.96**
12	58.50	58.40	57.90	57.90	58.05	58.19	58.59	59.21	59.28	59.17	59.13	58.83
13	59.50	59.15	59	58.85	58.95	59.33	59.63	60.08	60.17	60.24	60.03	59.47
14	59.95	59.65	59.35	59.25	59.40	59.77	60.03	60.40	60.48	60.37	60.11	59.84
15	60.30	60.10	59.80	59.30	59.50	59.29	59.67	60.44	**60.52**	60.34	60.16	60.02
16	59.90	59.65	59.45	59.35	59.35	59.39	60.06	60.50	60.58	60.39	60.15	59.77
17	60.25	59.85	59.60	59.75	59.90	59.99	60.35	60.97	**61.07**	60.95	60.56	59.82
18	59.85	59.50	59.40	59.35	59.70	60.05	60.42	60.78	60.80	60.72	60.41	59.79
19	60.50	60.20	60.20	60.45	60.70	60.62	60.93	61.14	61.20	**61.32**	61.03	60.74
20	**60.60**	60.40	60.10	59.70	59.60	59.74	60.15	60.23	60.18	59.88	59.59	**59.15**
21	**58.60**	57.95	57.90	57.75	57.50	57.68	57.75	58.26	58.23	58.34	57.92	57.35
22	58.05	57.85	57.80	57.50	57.55	57.76	57.84	58.14	58.52	58.43	58.18	57.78
23	58.05	57.70	57.55	57.45	57.55	57.43	57.89	58.34	58.44	58.34	58.28	57.57
24	58.60	58.50	58.30	58.20	58.15	58.32	58.93	59.60	59.62	59.60	59.24	58.66
25	60.35	59.95	59.80	59.50	59.65	60.13	60.42	61.32	61.22	**61.34**	60.79	60.30
26	60.40	59.95	60.15	60.10	60.45	60.62	60.77	61.37	**61.47**	61.42	60.94	60.67
27	60.45	60.25	59.90	59.90	60	60.37	60.77	61	61.07	61.09	60.53	59.98
28	**60.45**	60	59.55	59.50	59.65	59.93	59.84	60.18	60.25	59.90	59.48	58.78
29	**58**	57.90	57.65	57.45	57.50	57.67	57.87	57.98	57.99	57.65	57.01	56.29
30	56.15	55.85	55.90	55.75	55.70	55.78	56.03	56.48	56.67	**56.96**	56.38	55.96
Mean	58.43	58.09	57.85	57.74	57.85	57.97	58.31	58.82	58.91	58.88	58.60	58.14

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	23.5	23.5	24.2	24.1	23.5	**23.4**	24	25.8	26.8	27.4	29.7	29.8
2	23.7	23.3	24	23.5	23.2	**23**	24.3	24.7	27.5	28.2	28.8	28.4
3	24.9	24.9	25.2	25	**24.7**	24.8	25.2	25.4	25.5	25.3	**27**	26.1
4	24.9	24.8	24.5	24.4	24.5	24.5	**24.9**	25.7	**26.9**	26.8	26	26.7
5	**23.7**	24.1	24.5	24.2	24.3	24.4	25	24.8	25.3	25.2	25	25.6
6	25	25.5	25.3	24.9	24.2	**23.8**	24.9	25.9	26.9	**28.5**	27.7	27.4
7	26.2	25.8	25.3	25.6	24.6	**23.7**	25.5	28.2	29.6	29.7	29.8	**30.5**
8	26.5	26.6	26.6	26.5	26.4	**24.6**	25.8	26.9	26.8	27.6	28.3	**28.8**
9	27.1	27	27	**26.3**	27	26.7	27.9	28.6	28.7	29.4	**30.2**	29.7
10	26.1	26.2	26.3	25.8	**25.7**	25.8	26.6	27.7	28.8	**29.8**	29.7	29.3
11	26.5	26.3	26.5	26.6	26.4	26.5	26.7	27.5	28	28.3	29	**30.1**
12	**24.7**	25.6	25.5	25	24.9	24.8	25.1	26	28.4	29.7	29.6	**30**
13	26.3	26.2	**26.1**	**23.1**	26.3	26.3	26.5	**26.1**	27.8	28	29.6	**30.1**
14	26.7	26.8	26.8	26.5	26.2	25.7	26	27.3	27.1	29.6	**29.8**	29.1
15	23.8	23.8	23.7	23.6	23.6	**23.5**	24	25.5	27.8	27.9	28.7	29
16	25.4	24.8	24.4	**24.1**	24.2	24.6	24.9	25.5	27.4	28.1	27.9	28.9
17	24.7	24.5	**24.2**	24.3	24.8	24.3	24.3	27.5	28.6	29	28.7	29.4
18	26.1	25.9	24.7	24.6	**24.5**	**24.5**	26.8	26	28.1	28.7	29.5	29.3
19	25.7	25.1	24.7	24.6	24.2	24	24.5	27.8	28.5	29	29.5	29.3
20	24.3	24.2	24.1	**23.8**	24	24	24.3	27.5	28.4	29	29.5	**29.4**
21	24.7	24.5	24.1	24.1	23.9	**23.6**	25.5	27.9	28.1	27.7	29.7	29.5
22	24.7	24.4	24	23.9	23.8	**23.6**	25.4	27.4	28.6	29.4	29.9	30
23	24.6	24.4	24.4	24.1	24.1	**24**	26.1	28.5	26.5	28.3	29.5	30.1
24	25.6	25.6	25.3	25.2	25.1	25	25.6	29.1	28.7	28.2	29.5	**31.8**
25	**24.6**	**24.6**	24.8	24.8	**24.6**	**24.6**	25.3	26.3	28.2	29.3	30.1	30.6
26	25.1	25.1	24.8	24.5	24.3	**24**	24.6	25.8	28.1	29.5	30.5	**30.9**
27	25.3	25	24.6	24.5	24.4	**24.3**	24.8	28.3	29.7	**30.8**	30.3	29.8
28	24.5	24	24	23.7	23.6	**23.4**	25.2	28.3	28.8	29.2	29.7	30.5
29	25.4	25.1	25	24.7	24.2	24	25.4	28.1	29.1	29.3	30.5	30.6
30	23.5	**23.3**	23.7	23.9	24.4	24.4	25.3	27.7	28.6	29.6	30	30.6
Mean	25.1	25	24.9	24.8	24.7	**24.5**	25.3	26.9	27.9	28.6	29.1	**29.4**

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
57.64	57.43	**57.28**	57.34	57.75	58.14	58.60	58.95	59.25	60.10	**60.15**	60.05	58.57
58.65	57.85	57.49	**57.29**	57.32	57.59	58.04	58.60	59	59.50	59.50	59.15	58.74
57.74	56.81	56.56	**56.55**	56.60	57.21	57.32	57.40	57.70	57.75	57.75	57.25	57.69
55.37	54.72	54.46	**54.05**	54.47	54.31	54.91	54.95	55.20	55.45	55.45	55.05	55.46
51.86	51	**50.49**	51.08	51.16	52.09	52.82	53.30	53.75	**54.70**	54.40	54.45	**53.07**
55.09	54.48	54.41	54.46	54.88	55.17	55.26	55.55	56.50	56.70	**56.75**	56.45	55.04
55.22	54.93	54.67	**54.28**	54.54	54.85	55.18	55.60	56.35	56.35	56.15	55.95	55.58
55.49	55.14	54.81	**54.71**	54.89	55.06	55.45	55.89	56.50	56.60	**56.65**	56.45	55.72
55.97	55.67	**55.38**	55.56	55.96	56.23	56.43	56.75	57.45	**57.80**	57.70	57.55	56.46
56.42	55.96	55.76	**55.71**	55.92	56.33	56.83	57.10	57.50	57.85	**57.95**	57.55	56.88
57.39	57.52	56.92	56.85	56.92	57.28	57.67	58.45	58.60	**58.75**	58.60	58.35	57.58
58.32	57.94	**57.80**	57.93	58.17	58.68	59.02	59.10	59.70	**60.10**	59.90	59.70	58.73
58.79	58.39	**58.38**	58.62	58.71	59.23	59.49	59.80	60.10	**60.35**	60.20	60.05	59.44
59.41	58.99	58.94	**58.62**	59.22	59.68	60.48	61.15	**61.30**	61.25	60.85	60.70	59.97
59.59	58.79	58.41	**58.34**	58.53	59.11	59.35	60.05	60.45	60.50	60.30	60	59.70
58.99	58.13	58.19	**58.04**	58.55	58.88	59.39	59.90	60.45	**60.85**	**60.85**	60.60	59.64
58.88	58.26	**57.96**	57.98	58.33	58.67	59.27	59.85	60.10	60.70	60.50	60.30	59.74
58.91	58.43	**58.09**	58.35	58.67	59.18	59.53	60.15	60.75	**61.20**	**61.20**	60.85	59.84
59.62	59.08	**59.06**	**59.06**	59.14	59.92	60.61	60.50	61	61.15	61.05	60.85	**60.42**
58.43	57.54	**57**	57.14	57.15	57.54	57.58	58.45	58.95	59	59.10	58.70	59
56.66	56.36	**55.96**	56.06	56.11	56.41	56.74	57.35	58	58.30	58.35	58.10	57.48
56.99	56.43	56.27	**55.82**	56.42	56.63	56.95	57.75	58.30	**58.75**	58.60	58.50	57.62
56.96	56.44	56.03	**55.99**	56.55	57.28	57.70	58.20	58.70	**59**	**59.15**	58.95	57.73
58.17	57.62	57.59	**57.57**	58.25	58.58	59.82	60.15	60.05	**61**	**61**	60.50	59
59.11	58.82	**58.46**	58.81	59.32	59.77	60.19	60.65	60.70	61	61.05	60.70	60.14
60.16	59.30	59.22	**59.17**	59.23	59.54	60.04	60.35	60.95	61.10	60.95	60.65	60.37
59.28	58.73	**58.58**	**58.58**	58.69	59.47	59.53	60.15	60.95	61.10	**61.15**	60.70	60.09
58.02	57.61	57.24	**57.07**	57.22	57.38	58.21	58.65	58.85	58.75	58.60	58.35	58.89
55.41	54.73	**54.32**	54.65	55	55.38	55.85	56.40	57.15	57.45	57.10	56.55	56.71
55.20	54.40	**54.05**	54.29	54.24	54.76	55.31	55.80	56.40	56.25	55.95	55.70	55.66
57.46	56.92	**56.66**	56.67	56.93	57.34	57.79	58.23	58.69	**58.98**	58.90	58.62	58.03

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
30	**30**	27.9	27.2	27.1	26.7	26.7	25.4	25.7	24.7	24.9	24.2	26.1
29.5	26.8	27.3	27.5	27	**26.5**	26.5	26.6	25.8	25.4	24.9	24.6	25.9
25.9	25.7	26	25.9	26.1	25.9	25.6	**25.7**	25.6	25.5	25.7	25	**25.5**
25.9	25.7	25.7	25.2	24.9	24.3	24.2	24.3	24.3	24.1	24.1	**23.9**	**25**
26.1	25.9	25.2	24.8	25.5	**26.4**	25.8	**25.4**	25.8	25.5	25.5	25.3	25.1
27.6	**28.5**	27.6	27.7	27.4	26.8	26.8	26.8	26.4	26	25.8	26.1	26.4
30.4	30.1	30.1	29.9	29	27.3	27	26.9	26.8	26.7	26.6	26.6	27.6
28.3	28.2	28.7	27.8	27	**26.8**	27.4	27.2	27.2	27.4	27.3	27.1	27.2
29.9	30.1	30.1	28.6	28.6	**27.3**	27.1	27	27	27	27	26.9	**28**
28.7	**29.8**	29.4	29.4	28.6	27.2	27	**26.5**	26.5	26.7	26.6	26.5	27.5
28.7	29	28	27.2	26.6	26.5	26.6	**25.5**	**25.3**	26	25.8	25.5	27
29.6	29.8	29.8	28.9	27.5	27.2	27.1	27.3	27.2	**25.8**	26.1	26.3	27.2
29.6	30	29.2	28.6	28.1	27.7	**27.5**	27.4	26.9	26.9	26.8	26.6	27.5
29.1	27.7	27.4	27.5	26.2	25.8	25.3	24.9	24.5	24.3	24.3	**24**	26.6
30.1	29.5	28.6	28	27.6	27	26.9	26.9	26.8	26.7	26	25.5	26.4
28.7	**29.3**	28.6	27.4	27.3	27	25.7	26	**25.5**	25.4	25	25	26.3
29.7	**30.2**	29.9	29.7	28.4	27.4	27.2	26.8	26.7	26.5	26.5	26.5	27.1
29.6	28.6	**29.7**	**29.7**	28.7	27.5	27.3	27.2	26.9	26.9	26.9	26.6	27.3
29.5	**30.3**	29.7	29.5	29.1	28	25.7	24.8	**23.9**	24.1	24.1	24.3	26.7
29.7	30.2	**30.5**	29.1	28.2	27.9	25.3	24.7	24.7	24.6	24.9	24.9	26.6
29.6	30	**30.4**	29.7	29.3	27.7	27.4	27.3	27.2	26.4	**25.5**	24.7	27
30.2	**30.2**	30.1	30	28.8	28.1	27.8	27.8	27.3	25.5	24.9	24.7	27.1
30.4	**30.5**	**30.5**	30.4	29.5	28.1	27.9	27.8	27.3	26.5	**25.9**	25.8	27.3
29.1	29.1	28.6	29	28.8	26.7	24.5	24.4	**24.2**	24.4	24.6	24.6	26.8
30.7	30.6	27.1	27.2	26.9	26.3	26	25.6	25.3	25.2	25.2	25.2	26.6
27.8	27.6	30	29.9	29.3	27.5	**26.9**	26.2	26.2	26.1	25.7	25.2	26.9
30.5	29.6	27.7	30.1	28.6	27	26.7	26.3	26.2	26.2	25.6	25	27.1
30.9	30.7	31.4	**31.5**	30.4	28	26.7	**26.6**	26.1	25.4	25.3	25.6	27.2
30.6	30.8	**31.3**	29.8	27.5	26.3	27.6	26.5	25.4	24.4	23.6	**23.5**	27
30.5	**31**	30.5	29.3	28.7	28.9	28.7	28.7	27.7	26.9	26.4	26	**27.4**
29.2	29.2	28.9	28.6	27.9	27.1	26.6	26.4	26.1	25.8	25.6	25.4	**26.8**

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	99	97	91	96	97	97	97	90	84	85	75	75
2	97	97	95	98	99	99	95	95	81	77	79	80
3	97	96	95	95	96	95	93	93	93	93	88	90
4	96	96	97	98	98	98	97	94	86	86	89	86
5	97	95	94	97	95	95	92	94	90	91	92	92
6	97	93	90	90	96	98	92	91	88	81	83	84
7	91	89	95	94	97	98	93	77	71	71	71	72
8	87	87	87	88	90	95	95	90	87	85	80	76
9	82	82	80.5	84	78	79	78	77	79	75	75	81
10	88	87	89	93	93	92	89	84	78	79	78	79
11	90	91	90	88	89	88	89	86	85	84	83	77
12	93	91	93	93	93	93	96	96	82.5	79	77	7
13	92	91	93	93	93	93	92	94	87	86	77	77
14	90	88	88	91	94	96	95	88	88	78	78	79
15	99	99	99	99	98	98	97	89	78	77	75	75
16	88	92	97	98	97	95	92	92	81	81	79	76
17	95	95	95	94	92	97	99	84	80	78	74	75
18	87	88.5	97	97	96	96	85	93	82	78	75	74
19	90	93	94	94	97	97	95	76.5	74	74	75	79
20	97	93	95	97	96	97	97	84	78	76	71	72
21	96	97	97	97	98	98	90	79	79	81.5	73	73
22	95	96	99	97	97	97	90	80	74	70	71	71
23	96	97	97	98	97	97	91	82	92	82	79	75
24	95	94	93	96	96	97	96	81	81	84	75	69
25	98	97	96	97	97	97	97	93	82	78	72	74
26	94	94	95	95	96	97	93	91	81	76.5	71	71
27	91	92	94	94	94	96	96	79	72	67	75	75
28	94	97	95	97	95	95	90	81	80	73	70	66
29	92	92	92	94	96	96	91	80	78	77	75	73
30	97	98	97	98	97	97	93	85	82	78	77	74
Mean	93.3	93.2	93.6	94.7	94.9	95.4	92.8	86.6	81.8	79.4	77.1	76.6

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	21.3	21	20.3	21.4	21	20.6	21.4	22.3	22	23	23.3	23.5
2	21	20.7	21	21.1	20.9	20.7	21.4	21.9	22.2	21.7	23.3	22.8
3	22.6	22.4	22.6	22.4	22.2	22.1	22.2	22.5	22.4	22.2	23.3	22.6
4	22.4	22.3	22.3	22.3	22.4	22.4	22.6	23.1	22.8	22.4	22.3	22.5
5	21.2	21.1	21.5	21.7	21.4	21.6	21.7	21.9	21.5	21.6	21.6	22.4
6	22.8	22.6	21.5	21	21.5	21.5	21.6	22.6	23.2	23.4	22.9	22.6
7	23	22	22.7	22.9	22.2	21.4	22.4	21.7	21.9	22	22	23.5
8	22.4	22.6	22.6	22.6	22.9	21.8	23.5	23.6	22.8	23.3	22.9	22.4
9	21.8	21.7	21.3	21.3	20.7	20.5	21.8	22.3	23.1	22.9	23.8	25
10	22.1	22	22.5	23.1	22.7	22.7	23	23.1	23	24.8	24.1	23.8
11	23.2	23.2	23	22.7	22.7	22.6	23.1	23.4	23.9	24	24.6	24.6
12	21.5	22.1	22.4	22	21.8	21.7	22.7	23.9	23.7	24.4	23.8	24.2
13	23.3	23	23.3	23.3	23.6	23.6	23.6	23.7	24	24.2	23.8	24.6
14	23.3	23	23	23.4	23.6	23.5	23.8	23.8	23.5	24	24.3	23.7
15	21.7	21.7	21.6	21.4	21.3	21.1	21.6	21.7	21.6	21.4	21.8	22.3
16	21.3	21.5	21.9	21.9	21.7	21.8	21.4	22.2	22.1	22.9	22.2	22.5
17	21.9	21.7	21.3	21.2	21.5	21.8	22.4	23	23.1	23.1	21.7	22.9
18	21.8	22	22.3	22.2	21.9	21.9	22.2	23.1	23	22.9	22.8	22.5
19	22.1	22.1	21.8	21.6	21.7	21.4	21.7	21.2	21.4	22	22.8	23.8
20	21.8	20.9	21.1	21.3	21.2	21.6	22	23	22.4	22.7	21.7	21.8
21	22.2	22.3	21.5	21.7	21.6	21.3	21.8	22.2	22.2	22.4	22.7	22.4
22	21.9	21.7	22	21.5	21.2	20.9	21.7	21.7	21.5	21.2	22.2	22.3
23	22	21.9	21.9	21.9	21.7	21.6	22.9	23.6	23.6	23.3	24.3	23.7
24	23.2	22.9	22.2	22.8	22.8	22.8	23.3	24.3	23.7	23.8	22.8	23.4
25	22.6	22.4	22.3	22.5	22.4	22.4	23.1	23.6	23.4	23.5	22.9	24
26	22.3	22.3	22.1	21.7	21.6	21.4	21.4	22.4	22.9	23.4	23	23.4
27	21.8	21.6	21.6	21.5	21.3	21.6	22.3	22.5	22.3	22	24	23.5
28	21.5	21.4	21	21	20.5	20.3	21.4	23.2	23.7	21.9	21.6	21.4
29	22.1	21.9	21.7	21.8	21.5	21.2	21.9	22.6	23.2	23.4	24.3	23.8
30	21	20.9	21.2	21.6	22.1	21.9	22.3	23.5	23.8	24	24.2	24.3
Mean	22.1	22	21.9	22	21.9	21.7	22.3	22.8	22.8	22.9	23	23.2

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
75	75	81	82	83	84	84	91	88	90	90	95	87.5
73	84	83	82	84	88	90	90	93	96	93	94	89.2
91	93	90	89	87	87	89	88	91	93	93	95	92.1
89	87	89	93	92	95	96	96	96	96	95	96	93.4
89	92	95	95	93	89	93	96	93	90	94	95	93.2
86	83	88	88	87	89	86	86	87	89	93	91	89
76	75	76	77	81	87	87	88	87	86	88	86	83.9
77	74	74	79	82	83	79	83	83	82	83	84	83.8
82	81	80	85	84	90	90	90	90	89	87	88	82.8
82	79	81	80	83	89	89	92	90	90	90	90	86
78	78	83	84	93	88	89	95	96	93	93	94	87.7
77	76	78	80	87	87	90	87	90	93	93	93	87.3
80	80	81	82	84	84	86	87	87	89	88	90	86.9
79	85	88	85	86	89	90	90	94	94	95	97	88.5
69	75	79	82	84	86.5	84	83	89	89	94	95	87.2
78	76	78	84	82	82	85	89	90	93	95	91	87.1
75	71	73	73	77	81	82	85	84	86	85	84	83.9
77	79	77	72	75	78.5	81	81	85	86	84	85	83.7
72	71.5	72.5	75	76	80	87	94	96	95	96	96	85.4
70	69	73	79	81	82	93	94	96	95	96	96	86.5
71	75	74	77	76	81	82	83	83	89	92	96	84.9
69	69	73	75	79	80	80	79	84	92	95	96	83.7
72	69	73	72	72	79	81	82	86	91	93.5	94	85.3
76	76	80	82	80	90	96	98	98	98	97	97	88.5
72	72	82	83.5	88	92	92	93	94	95	95	96	88.9
82	82	73	77	79	85	89	91	91	91	88	90	86.4
72	75	87.5	77	85	94	94	95	95	94	93	92	86.6
64	65	64	65	70	82	88	88	89	89	90	88	82.3
74	69	67	74	84	86	80	86	93	92	97	97	84.8
74	72.5	74	79	86	78	81	77	85	89	90	90	85.4
76.7	76.9	78.9	80.2	82.7	85.5	87.1	88.6	90.1	91.1	91.8	92.4	86.7

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
23.5	23.5	22.6	21.9	22.3	21.9	21.9	21.9	21.7	20.8	21	21.3	21.9
22.4	22	22.3	22.4	22.3	22.6	23	23.1	22.8	23.1	21.8	21.6	22
22.6	22.7	22.5	22.2	21.8	21.6	21.8	21.7	22.1	22.4	22.7	22.4	22.3
22.2	21.3	21.9	22.2	21.6	21.4	21.5	21.6	21.6	21.4	21.1	21.1	22
22.2	22.8	22.6	22.1	22.6	22.7	23.1	23.1	22.8	21.8	22.8	22.7	22.1
23.6	24	24.2	24.4	23.7	23.3	22.4	22.4	22.3	22.3	22.8	22.9	22.7
24.4	23.7	24.1	24	24	23.5	23.1	23.2	22.8	22.5	22.7	22.3	22.8
21.9	21.2	21.7	21.8	21.7	21.8	21.4	22.2	22.2	22.2	22.3	22.4	22.3
25.6	25.6	25.2	24.7	24.4	24.2	24.1	23.7	24	23.5	23.1	23.2	23.2
23.9	24.5	24.8	24.3	24.2	23.8	23.5	23.6	23.2	23.3	23.4	23.2	23.4
22.7	23.1	23.3	22.6	24	22.6	23	23	23	23.1	22.8	22.8	23.2
23.8	23.6	24.3	23.6	23.6	23.4	24.1	23.5	24	22.8	23.3	23.6	23.2
24.6	25.1	24.4	23.8	23.7	23.1	23.4	23.7	22.9	23.4	23	23.4	23.7
23.7	23.5	23.9	23.2	21.8	22	21.5	21	21.5	21.2	21.4	21.6	22.9
21.8	23	23	23.1	23.2	22.9	22.1	21.7	23.3	23.1	23.3	23	22.2
22.9	23.1	22.6	22.6	22.1	21.7	20.9	22.1	21.8	22.3	22.4	21.3	22
23.1	22.8	22.7	22.7	22	22.1	21.9	22.2	21.9	22	21.8	21.6	22.2
23.6	23	23.7	22.3	22.1	21.4	21.7	21.6	22.4	22.5	22.1	21.9	22.4
22.2	22.9	22.4	23	22.7	22.5	21.3	21.9	21.1	21.1	21.4	21.6	22
21.6	22	23.6	23.7	23	22.7	22.3	21.8	22.2	21.8	22.4	22.4	22.1
21.9	23.5	23.7	23.7	22.9	22.3	22.2	22.3	22.2	22.7	22.2	22.2	22.3
22	22	23	23.5	23.3	22.6	22.2	22	22.7	22.2	22.2	22.2	22.1
23.3	22.4	23.6	23.1	22.2	22.2	22.6	22.6	23.1	23.4	23.2	23.2	22.8
22.8	22.8	23.4	24.4	23.7	23.5	21.9	22.3	22.1	22.3	22.2	22.4	23
23.8	23.4	21.8	22.4	23.2	23.3	22.9	22.5	22.6	22.6	22.6	22.8	22.9
22.6	22.5	23.1	24.3	23.8	23.2	23.4	23	23	22.9	21.7	21.4	22.6
23.5	22.9	24.1	24.6	24.8	25	24.3	24.1	24	23.8	22.5	21.7	23
21.3	21.4	21.8	22.2	22.4	22.9	22.9	22.7	22.6	21.5	21.5	21.6	21.8
24	22.6	22.7	23.1	23	21.9	21.9	22.2	22.5	21	21.1	21	22.4
24.1	24.2	23.9	24	25.2	23.2	23.7	22.5	23.5	23.4	22.9	22.5	23.1
23.1	23	23.2	23.2	23	22.7	22.5	22.5	22.6	22.4	22.3	22.2	22.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	N.-cf. WSW	Ci.-S.	Cu. WSW	Ci.-S.	N.-cf. WSW	A.-Cu.	Cu.	A.-Cu.	Cu.
2	A.-Cu.	Cu. WSW	A.-Cu. NW	Cu. WSW	Ci.-S.	Cu. WSW	Ci.	Cu. WSW	Ci.	Cu. WSW
3	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WSW
4	----------	N.	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N.
5	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WbyS	Ci.-S.	N.-cf.
6	----------	S.-Cu.	Ci.-S.	Cu. WbyN	Ci.-S.	N.-cf. wbyN	----------	N.-cf. wbyN	----------	Cu. WbyN
7	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
8	----------	Fr.-N. W	----------	Fr.-N. W	----------	Cu.-N. wbyN	----------	Cu.-N. wbyN	A.-Cu.	Cu.-N.
9	A.-Cu.	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu. W	Ci. NW	Cu. W
10	Ci.-S.	Cu. WSW	Ci.-S.	Cu. W	A.-Cu.	Cu. WbyS	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. WbyS
11	Ci.-S.	Cu. W	----------	N.-cf. WbyS	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. W	----------	Cu. W
12	----------	N.-cf. wbyS	----------	N.-cf. WbyS	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. WbyS	Ci.-S.	Cu.
13	----------	S.-Cu. W	----------	Cu. W	----------	N.-cf. W	----------	Cu.-N. W	----------	Cu.-N. W
14	----------	Cu.-N. wbyS	----------	Cu.-N. wbyS	----------	Cu. WbyS	Ci.	Cu.	Ci.	Cu.
15	A.-Cu.	Cu. W	A.-Cu.	Cu.-N. W	A.-Cu. WNW	Cu. W	A.-Cu. WNW	Cu. W	Ci.-S.	Cu. W
16	----------	N.-cf. wbyS	----------	Cu. WbyS	----------	Cu. WSW	A.-Cu.	Cu. W	Ci.-S.	Cu.
17	----------	Cu. W	A.-Cu.	Cu. W	A.-Cu. ESE	Cu.	A.-Cu.	Cu.	----------	Cu.
18	Ci.-S.	Cu.-N. wsw	Ci.	Cu.	A.-Cu.	Cu. W	A.-Cu. W	Cu.-N.	A.-Cu.	Cu.
19	Ci. NE	Cu.	Ci. ENE	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.
20	A.-Cu.	Cu.	----------	Cu. N	----------	Cu. N	----------	Cu. NE	----------	Cu.
21	Ci.	Cu. NNE	----------	Cu. NNE	Ci.	Cu.-N. NNE	----------	Cu. NNE	Ci.	Cu.
22	Ci.	Cu.	Ci.	Cu. NNE	Ci.	Cu. NNE	Ci.-S.	Cu.	Ci.-S.	Cu.
23	----------	Cu. N	----------	N.-cf. N	----------	Cu. NbyE	Ci.	Cu. NNE	----------	Cu.
24	Ci.-Cu.	Cu.	A.-Cu.	N.-cf. NE	----------	N.-cf. NE	----------	Cu. NE	----------	Cu. NE
25	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu.-N. E	Ci.	Cu.-N. E
26	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	----------	Cu. E	----------	Cu. E	----------	S.-Cu.
27	Ci.	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E
28	----------	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.
29	----------	Cu.	----------	Cu. N	----------	Cu. N	Ci.	Cu.	Ci.	Cu.
30	Ci. E	Cu. WbyN	Ci.	Cu. WbyN	Ci.-S.	Cu.	Ci.-S.	Cu. WbyN	Ci.-S.	Cu.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu.	Cu.	A.-Cu. WSW	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	S.-Cu.	Ci.-S.	S.-Cu.
2	Ci.	Cu. WSW	----------	N.-cf. WSW	----------	N.-cf.	A.-Cu.	Cu.	A.-Cu. NW	S.-Cu. WSW
3	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N. WSW	----------	N.-cf. WSW
4	----------	N.	----------	N. WbyS	----------	N. WbyS	----------	N. WbyS	----------	N.
5	----------	N. WSW	----------	N.	----------	N.	----------	Fr.-N. WSW	----------	N.
6	----------	N.-cf.	----------	Cu. W	----------	Cu. W	Ci.-S.	Cu. W	A.-Cu.	Cu.
7	----------	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
8	A.-Cu.	Cu.-N. W	----------	Cu.-N. W	Ci.-S.	Cu.-N. W	A.-Cu.	Cu.	A.-Cu.	Cu.
9	----------	Cu. W	Ci.	Cu. WbyN	Ci.	Cu.	A.-Cu.	Cu. W	Ci.	Cu.
10	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W	Ci.-S.	Cu. W
11	----------	Cu. W	A.-Cu.	Cu.-N. WSW	Ci.-S.	Cu.-N. W	Ci.-S.	Fr.-N. W	Ci.-S.	Fr.-N. WSW
12	Ci.-S.	Cu.	Ci.-S.	Cu. WbyS	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW	Ci.-S.	Cu. WSW
13	Ci.-S.	Cu. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu.-N. W	Ci.-S.	Cu. W	Ci.-S.	Cu.
14	Ci.-S.	Cu. W	Ci.-S.	Fr.-N. W	Ci.-S.	Fr.-N. W	Ci.-S.	N. W	Ci.-S.	Cu.-N. W
15	A.-Cu. WNW	Cu.	A.-Cu. WNW	Cu.	A.-Cu. WNW	Cu.-N.	A.-Cu.	S.-Cu. W	A.-Cu.	S.-Cu. W
16	Ci.-S.	Cu. W	A.-Cu.	Cu.-N. W	A.-Cu.	N.-cf. W	A.-Cu.	Cu. W	A.-Cu.	N.-cf. W
17	A.-Cu.	Cu. W	A.-Cu.	Cu. W	Ci.	Cu.	Ci.	Cu. WSW	A.-Cu.	Cu. WSW
18	Ci.-S.	Cu. W	----------	Cu.	Ci.	Cu.	----------	Cu.	A.-Cu.	Cu.
19	A.-Cu.	Cu.	Ci.-Cu.	Cu.-N.	Ci.-S.	Cu.-N.	A.-Cu. NW	Cu.	A.-Cu. NW	Cu.-N. WNW
20	----------	Cu.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.-N.	----------	Cu.
21	----------	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.	A.-Cu. W	Cu.
22	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	A.-Cu. W	Cu.-N.
23	----------	Cu.	Ci.	Cu.-N.	Ci. NE	Cu.-N.	Ci. NE	Cu.-N.	Ci. NE	Cu.-N.
24	----------	Cu. NE	A.-Cu.	Cu.-N. ENE	Ci.-S.	Cu.-N. ENE	----------	Cu.-N. NE	----------	Cu.-N.
25	----------	Cu. E	Ci.-S.	Cu.-N. NNE	----------	Cu.-N. NNE	----------	S.-Cu. E	A.-Cu.	S.-Cu. E
26	----------	Cu. E	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	A.-Cu. SE	Cu.-N.	Ci.-S.	Cu. E
27	----------	Cu. E	----------	Cu.-N. NE	----------	N.-cf. E	----------	Cu. E	Ci.	Cu.
28	----------	Cu.	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu. E	A.-Cu.	Cu. ENE
29	Ci.	Cu.	A.-Cu. ENE	Cu.	A.-Cu.	Cu.-N. N	Ci.-S.	Cu.-N. N	A.-Cu.	Cu.-N.
30	Ci.-S.	Cu.	Ci.-S. NE	Cu. W	Ci.-S. NE	Cu. W	Ci.-S.	Cu. WNW	Ci.-S.	Cu. WNW

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	E 0.5	SW 9	W 9	Calm	Calm	Calm	NE 0.5	Calm	SSW 1	SSW 1	S 1.5	SSW 1.5
2	NE 1.5	WSW 6.5	WSW 2	Calm	Calm	EbyS 1.5	EbyN .5	Calm	WSW 8	W 8	WSW 1.5	SSW 3
3	SSE 1.5	S 2	SSW 1.5	SSW 1.5	SW 2.5	SW 3	SW 6.5	SW 6.5	SW 3.5	SSW 8	SW 2	SW 3.5
4	WNW 3.5	WNW 2	W 1.5	WNW 1.5	WSW 2.5	Calm	SW 4.5	WSW .5	W 2	W 4	SW 8	WSW 3
5	SE 2	SE 2	SSW 2.5	SSE 1	ESE 1.5	SW 5	SSW 3.5	S 2.5	SE 1	SE 7	SSW 5.5	swbys 9
6	WSW .5	WbyN 3.5	NW 4.5	Nwbyw 3.5	NNW 1	Calm	SW 1	Calm	SSW 1	SW 2	WbyN 8	W 8
7	WSW 4	WSW 3	WSW 3	WSW 3.5	Calm	NW .5	Calm	WbyS 2	SSW 3	SW 3.5	SW 1.5	SW 8
8	swbyw 5.5	swbyw 5.5	swbyw 5.5	swbyw 6.5	WSW 5.5	NW 1	WSW 3	WbyS 5.5	WSW 6.5	WSW 6.5	WbyS 6.5	WSW 8
9	WSW 3.5	WbyS 3	W 3.5	W 1.5	W 3.5	WSW 3.5	WbyS 2	W 3	WSW 3.5	WSW 3.5	WSW 3.5	swbyw 5.5
10	WNW 3.5	W 2.5	W 2.5	WNW 1	WNW 1.5	NNW 3.5	NNW .5	NW .5	WNW 2.5	SW 2	WSW 6.5	WSW 8
11	WSW 2	S 1	WSW 6.5	SW 5.5	SW 4.5	WSW 8	WSW 7.5	WSW 5	SW 7	SW 4.5	SW 8	SW 7.5
12	WNW 5.5	WSW 3.5	Calm	Calm	E .5	Calm	Calm	SE .5	SSW 1	SW 4.5	SW 9	SW 2.5
13	SW 3.5	SW 3	SSW 2.5	SSW 3	SW 3.5	SW 5	SW 2	SSW 1.5	SW 5	SW 4.5	SW 5	SW 6
14	WSW 3.5	WSW 3.5	WSW 3.5	WSW 3	SSE 1	SW 1.5	SSW 1	SSW 1.5	SW 3.5	SW 4	SW 3	SW 6
15	Calm	N 1	Calm	NE 1.5	SE .5	Calm	Calm	Calm	Calm	WNW 1	WSW 2.5	SW 3.5
16	SW 6.5	SW 4	NNE 1.5	E 1	SSW 3.5	SW .5	SSW 1.5	SW 5	WbyS 9.5	WSW 5	WSW 7.5	SW 5.5
17	SSW 3	SSW 2.5	S 3.5	SSW 2.5	WSW 2.5	Calm	ESE 1	Calm	S 1	SW 1	SW 3.5	SW 2
18	swbyw 3.5	SW 2	S .5	S .5	E .5	Calm	Calm	SW .5	WSW 1	W 1.5	WSW 8	W 2
19	Calm	NNE 1	NNE 1.5	Calm	NE 1	Calm	Calm	NbyE .5	WNW .5	W 1.5	WSW 2.5	SW 3.5
20	Calm	NNE 2	NE 1.5	Calm	Calm	E .5	E .5	NE .5	Calm	S .5	W 2	W 3
21	Calm	Calm	Calm	Calm	NE 1	Calm	ENE .5	Calm	WSW 1	SSW .5	W 2.5	WbyS 2.5
22	Calm	NNE .5	NNE 1	NNE 1	Calm	Calm	NNE 1	NNE 1	NNE 2	WNW 2	WSW 8	WSW 2
23	Calm	NE 1	NE 1	NE 1	E 1	E .5	Calm	SE .5	Calm	W 1	WSW 8	WSW 2
24	NE .5	ENE 1	NE 1.5	NE .5	NE 1	E .5	Calm	SW .5	SSW 1	W .5	W 1	WSW 8
25	NE 1	Calm	Calm	ENE 1.5	NE 1	Calm	Calm	NE .5	E .5	SSW .5	SW .5	SE .5
26	E .5	Calm	Calm	NE .5	ENE 1	NE .5	NE .5	Calm	Calm	E 1	SE 1.5	EbyN 1
27	NNE 2	NNE 2.5	ENE 1	NNE 1	NNE .5	Calm	NE 1	Calm	ENE .5	Calm	W 8	NWbyW 5
28	NE .5	NE 1	ENE 1	ENE 1	E 1	NE 1	NE .5	Calm	SW 1	WSW 1	WSW 2.5	WSW 4
29	Calm	Calm	NW 1.5	NNW .5	ENE 1.5	E .5	NE .5	NNE 1.5	NNW 1.5	NW 3	W 6	WbyS 5
30	Calm	NE .5	Calm	Calm	Calm	Calm	ENE .5	SW .5	SSW 1	SW .5	SW 1	SW 1.5
Mean	1.9	2.3	2.1	1.5	1.4	1.2	1.3	1.3	2.1	2.4	3.5	3.8

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 5	SW 7	SWbyW 15	SW 9	SW 3	SW 3	SSW 3.5	WSW 3.5	WSW 2.5	swbyw 7.5	WNW 3.5	NNE 1.5	3.7
2	SW 6	SW 5	SW 2	SSW 1	SW 6	WSW 2	SW 2.5	WSW 1.5	WSW 2	WSW 5.5	SW 3.5	SSW 2.5	2.6
3	swbyw 7	WSW 9	wsw 9.5	WSW 4.5	WSW 4.5	WSW 9.5	SW 7	WSW 4.5	WSW 3	WSW 1.5	WSW 5.5	WNW 3	4.4
4	SSW 5	SW 1	SSW 1	SSW 3	Calm	SE 1	Calm	SE 1.5	SSW 3	SSW 3.5	SSE 2.5	SSE 2	2.1
5	SW 6.5	WSW 6	NNW 2.5	WNW 3	WSW 2.5	W 5.5	WNW 13	WNW 3.5	W 9	WbyS 5.5	SW 3.5	Calm	4.3
6	WSW 1	WSW 3	SW 9	SW 9	SW 6.5	swbyw 6	WSW 3.5	WSW 3.5	WNW 3	WNW 2.5	WSW 2.5	WSW 3	3.1
7	SW 5.5	SW 6.5	SWbyW 7	SW 7	SW 6	SW 5.5	SWbyW 7	swbyw 6.5	SW 6.5	WSW 6.5	WSW 6.5	WSW 4.5	4.2
8	wbys 10	wsw 10	WSW 6.5	WSW 7	WSW 9	WSW 8.5	W 6.5	WSW 3.5	WbyS 3.5	WbyS 3.5	WSW 3.5	WSW 5.5	5.9
9	swbyw 8	SWbyW 11	swbyw 9	swbyw 8.5	WSW 8	WSW 8.5	WSW 5.5	WSW 6.5	WSW 6.5	WSW 5.5	WSW 4.5	WbyS 6.5	5.3
10	WSW 5.5	SW 4	SWbyW 12	swbyw 8.5	swbyw 7.5	SW 6.5	SW 6	SW 6.5	swbyw 5.5	swbyw 5.5	swbyw 5.5	WSW 3.5	4.6
11	wsw 9	SW 3.5	SW 4	SW 8	SW 4.5	WSW 7.5	WSW 6	SW 3.5	WSW 2	SW 3	SSW 2.5	SW 5.5	5
12	SW 9	WSW 9	WSW 5	wsw 9.5	WSW 7.5	SW 4.5	WSW 4.5	SW 5.5	WSW 4	WSW 2.5	WSW 3.5	WSW 3.5	4
13	SSW 5	swbyw 8	SW 7	SWbyW 8.5	swbyw 5.5	WSW 6	SW 5	WSW 6.5	WSW 5.5	WSW 4.5	WSW 3.5	SSW 2.5	4.7
14	wsw 9	WSW 7.5	SW 8.5	WSW 8.5	WNW 5	WNW 7.5	WNW 8.5	Nwbyw 4.5	NWbyW 3.5	WNW 3.5	NNW 1.5	Calm	4.5
15	SW 3.5	SW 5.5	SWbyW 7	WSW 1	SW 4	swbyw 4	swbyw 4.5	SW 3.5	SW 3.5	SSW 2	Calm	SE 1	2.1
16	WSW 4	swbyw 6	WSW 2	SW 4.5	WSW 2.5	WSW 4	W 5.5	WSW 3.5	SW 5.5	Calm	Calm	SSW 3.5	3.8
17	SW 1.5	WSW 5.5	WSW 6.5	WSW 7	swbyw 5.5	SW 5.5	SW 6.5	WSW 6.5	WSW 9	WbyS 4	SW 5.5	WSW 3.5	3.7
18	WSW 5	SW 7	SW 6	SW 5.5	SW 6	SW 6	SW 5	swbyw 4.5	SW 4.5	swbyw 3.5	WSW 3.5	W 1.5	3
19	SW 4.5	SW 2.5	swbyw 4	swbyw 6	SWbyW 6.5	WSW 4	NE 2.5	NE 1.5	ENE 1	ENE 1	SE .5	Calm	1.9
20	WWS 3.5	WSW 4	WSW 3.5	swbyw 3.5	SW 5	SW 2	Calm	ENE 2.5	ENE .5	E 1	Calm	Calm	1.5
21	WSW 5	WSW 4.5	SW 5.5	SW 6	SW 5	SW 3.5	SW 4	SW 3.5	WNW 2.5	NNW 1	NNE 1.5	NNE 1	2.1
22	W 3	WSW 3	WSW 3	WSW 5	SW 4	wsw 5.5	WSW 3.5	WSW 3.5	WNW 1	SSW 2	Calm	Calm	2
23	WSW 3.5	WSW 3.5	SW 4.5	SW 5.5	SW 2.5	SW 4.5	SW 6	swbys 4.5	SSW 2	Calm	Calm	NNE .5	2
24	WNW 2	WNW .5	SW 3.5	SW 4	SSW 2	SSW 2.5	SSE 1.5	E 2	SE 1.5	ENE .5	E 1	Calm	1.3
25	WSW 3	SW 1.5	NE 1	Calm	Calm	Calm	Calm	SE 1	Calm	SE .5	Calm	E .5	.6
26	ENE 2	Calm	NE .5	Calm	Calm	Calm	Calm	Calm	NE 1	Calm	NNE 2.5	Calm	.5
27	WNW 3	WSW 3.5	NW .5	Calm	E .5	Calm	Calm	Calm	ENE .5	ENE .5	NE 1	NNE 1.5	1.2
28	wsw 4.5	WbyS 3	SW 3	WSW 1.5	SSW 1	E 1	E 1	ENE 1	E 1.5	E .5	ESE .5	Calm	1.4
29	WSW 4.5	WbyS 4.5	SW 2	WSW 1	Calm	Calm	WNW 3.5	ENE 2	ENE 1	NE 6	NE 2.5	ENE .5	2
30	WSW .5	swbyw 6.5	SW 6	SW 10	SW 8	WSW 8	WSW 3.5	WNW 3.5	NNW 3.5	N 2	N 1.5	NNE 1.5	2.5
Mean	4.8	5	5.2	5.2	4.3	4.4	4.2	3.5	3.3	2.8	2.4	2	3

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	1.5	4.5	27	8	3	1	3.5	1.5	0	4	4	5.5
2	3.5	10.5	7	1	0	2	4	1.5	7.5	7.5	9.5	14
3	7.5	7	8.5	3.5	10	12.5	19	21.5	21.5	20	18	22
4	8	13.5	6	.5	10	.5	14.5	14.5	9	12.5	17.5	14.5
5	7.5	5	9	4	5	15	18.5	11.5	8	9	13.5	20.5
6	.5	6.5	13	19	5.5	.5	4	5	3	10.5	13	7.5
7	15.5	15	9	11	6	1	3	6	9	14	12.5	10.5
8	18.5	23	25	23	24	17	7	22	21.5	28.5	29.5	25.5
9	17.5	11	10.5	8	9.5	10.5	14	13.5	14.5	11	17	24
10	18	10.5	9.5	9.5	6	5	6.5	3.5	3	8.5	19	29
11	9.5	9	9.5	26	22	22	20.5	21	25	24	22.5	23.5
12	23	19	11	.5	2.5	1	.5	2.5	6	12	25	19
13	11	12	9	7.5	9.5	15	16.5	10.5	16.5	22	23.5	22.5
14	12.5	13.5	14.5	14.5	9.5	7	4	10.5	17.5	24	26	26
15	0	.5	1	2.5	2.5	.5	0	2	1.5	1.5	9.5	16
16	19.5	18.5	4	3	8.5	10.5	9	10	23	19	19	21
17	11	9	9	8	10.5	5.5	5.5	2.5	3	7	8	23
18	18	15	6	6	5	15	9	5	13	20	12	8.5
19	4	1	1.5	1.5	0	0	.5	0	6	8.5	12.5	15
20	1	2.5	4.5	0	0	.5	.5	.5	2.5	1	12	14
21	.5	1	0	0	1	0	1	.5	.5	.4	5	14.5
22	0	0	.5	1.5	0	.5	1	4	6	7.5	12	8.5
23	1	3	2.5	2.5	1.5	2.5	.5	.5	2.5	3	8.5	11
24	.5	3	6	3	.5	1.5	0	.5	1.5	3	4.5	9
25	0	1	0	0	2.5	1.5	.5	2.5	1	3	7.5	4.5
26	0	0	0	.5	0	2	1.5	.5	0	2	4.5	6
27	5	8.5	3.5	3.5	2	.5	1.5	.5	4	4	7	15
28	1	1.5	2	0	3.5	1	.5	.5	2.5	6	12	12
29	3	1	1.5	3.5	3	4	3	4.5	7.5	11	12	13
30	1.5	.5	0	1.5	.5	1	2	.5	1.5	4	6	7
Mean	7.3	7.5	7	5.8	5.4	5.2	5.7	6	7.9	10.4	13.4	15.4

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	10	10	10	9	8	6	7	8	9	10	10	10	8.9	3 50
2	10	9	8	8	6	6	8	9	9	10	10	10	8.6	2 35
3	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
4	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
5	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
6	10	10	10	9	10	10	10	9	6	8	8	8	9	1 00
7	3	1	1	1	1	1	4	2	2	2	3	3	2	10 25
8	10	10	10	9	8	9	9	10	9	9	10	9	9.3	0 25
9	7	3	4	5	6	7	6	6	5	7	5	7	5.7	7 20
10	8	8	9	7	8	9	9	10	10	9	10	10	8.9	1 00
11	9	10	10	10	10	9	9	10	10	10	10	10	9.8	1 45
12	10	10	10	9	9	9	10	10	10	10	10	10	9.8	0 10
13	10	10	9	10	8	8	7	7	9	10	10	10	9	3 05
14	10	10	9	7	8	9	9	10	10	10	10	10	9.3	2 25
15	9	10	9	8	9	9	9	8	8	9	9	10	8.9	3 45
16	10	10	8	7	7	9	8	8	9	9	9	10	8.7	4 10
17	8	7	6	8	4	4	7	7	4	5	4	6	5.8	7 50
18	6	9	4	4	7	3	5	4	3	3	3	9	5	8 00
19	9	4	5	5	6	4	4	3	3	5	8	9	5.4	9 05
20	5	7	5	6	5	4	4	2	4	4	4	7	4.8	7 30
21	3	4	8	8	5	3	4	4	4	3	5	9	5	8 40
22	5	5	6	7	6	7	4	3	2	5	8	9	5.6	8 05
23	4	8	9	7	7	5	5	4	4	3	3	4	5.2	7 05
24	7	6	9	9	9	8	9	8	7	8	8	9	8.1	3 35
25	7	5	7	9	8	6	6	8	10	10	8	10	7.8	4 50
26	7	9	8	8	7	9	10	9	9	8	8	10	8.5	2 50
27	5	1	1	2	7	7	6	9	10	7	5	6	5.5	6 20
28	2	1	3	7	3	3	4	5	5	4	4	2	3.6	10 10
29	3	2	4	4	3	3	3	4	5	9	8	8	4.7	8 45
30	6	7	9	9	8	9	9	9	9	10	10	10	8.8	5 25
Total														140 05
Mean	7.4	7.2	7.4	7.4	7.1	6.9	7.2	7.2	7.2	7.6	7.7	8.5	7.4	4 40

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 a.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
14	26.5	**37.5**	30	19	18	11.5	10	11.5	18.5	15	3	11.6
18	**29**	13	15.5	16.5	16	11	6	9	16	14.5	15.5	10.3
28.5	**29**	26	19	25	25	24.5	23	12	8.5	17	18.5	17.8
12.5	12	11	10.5	6.5	4	3	4.5	8	10	11.5	6.5	9.2
22.5	19.5	7	8	13	23.5	20.5	24.5	**25.5**	21.5	13.5	8	13.9
5.5	16	25.5	27	**28**	25	27	15.5	14.5	10	9	8.5	12.5
20	27	26	22.5	22.5	24	29	**31**	28	28	22	25.5	17.4
24.5	**32**	29.5	27	**32**	30.5	28	24	18.5	14	17.5	18.5	**23.4**
24.5	29	29.5	28	**32**	27	24	20	25	25	22.5	19.5	19.5
27	17	25	**30**	27.5	26.5	**23**	22.5	20.5	23.5	23.5	20.5	17.3
33	27.5	19.5	18	21	24	23	20	12.5	8.5	13.5	15.5	19.6
27	24.5	25.5	20	**30**	23	16	18.5	21.5	18	14	17	15.7
23	22.5	24	25	26	20.5	20	**27**	21.5	19.5	17.5	9.5	18
26.5	24.5	26	26	**27**	18	18	21	17	17.5	10.5	3.5	17.3
18	**20.5**	17.5	15	16.5	19.5	20	16	11.5	9	4	4.5	8.7
20.5	21.5	**22.5**	21.5	17	12	18	17	19	9	1.5	5.5	14.6
27	**30**	27	26	22	23	20	22	25	20	18	17	15.8
16.5	24	**25**	19.5	21	24	20	17.5	20.5	17	13	10.5	**15**
15	15.5	19	**23**	**27**	22	17	3	4.5	2.5	.5	.5	8.3
12	15	14	11	**18**	12	10	8	0	1	1	.5	5.9
16	20.5	21	18	20	**22**	17	17	14	5	2	0	8.4
11.5	14.5	19.5	19	18	**21**	16	15	7	6	2.5	1.5	8
13	11	19	16	15	19	**21**	18	12.5	4.5	4	3	8.1
9	4.5	9.5	9	**16**	11	12	6	3	2	3	1	5
10.5	8	9	2.5	0	1	1	1	1	0	0	0	2.4
8	4.5	4	2.5	.5	0	0	0	.5	0	3.5	2.5	**1.8**
14	**17**	7.5	0	4	0	.2	.5	0	.5	3	3	4.4
12	10.5	11.5	8	7	5	3	4	3	3	3	3	4.8
17	13	16	13	3.5	.5	5	6	7.5	6.5	**17.5**	5.5	7.4
7.5	12.5	24	27	**28**	19	18	15.5	21.5	9	4	3	9
17.8	**19.3**	**19.7**	17.9	18.6	17.2	16	14.5	13.2	11.1	10.1	8.4	11.7

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		1	1		1				1	4	5	5	1	1			4	278	2.5	10.8
2			1		1	1				3	6	8	1				3	248	1.7	30.1
3								1	1	3	8	10		1				427	.4	13.2
4							2	2		5	3	3	3	3			3	221	.3	50.1
5						1	4	1	1	3	4	2	3	3		1	1	333.5	0	37.8
6										1	5	8	1	4	2	1	2	299.5	2.3	
7										1	9	10	1		1		2	418	3.9	11.2
8												17	6		1			560.5	3.7	.3
9												17	7					467	4	
10											5	10	2	4	1	2		414.5	3.3	3.3
11									1	1	13	9						470.5	1.8	66.3
12					1		1			1	6	10		1			4	377	2.6	2.5
13										5	11	8						431.5	2.9	29.5
14								1		2	6	7		4	2	1	1	415	1.6	1.1
15	1		1				2			1	6	5		1			7	209.5	2.8	7.1
16		1			1					3	8	7	2				2	350	2.7	6.6
17						1			2	3	7	8	1				2	379	3.6	
18					1				2		9	7	3				2	361	3.8	5.4
19		3	3	2			1				3	5	1	1			5	200	2.9	4.3
20		1	2	2	3				1		2	4	2				7	141.5	2.9	3.6
21		2	1	1						1	6	3	2	1		1	6	200.5	3.2	
22		6								1	1	8	1	2			5	193	3.6	5.3
23		1	3		2		1			1	6	4	1				5	195	3.3	.3
24			4	2	3		1	1		3	3	1	2	2			2	119	2	45.4
25			4	1	2		3			1	2	1					10	58	2	.3
26		1	5	2	3		1										12	43	2.2	
27		5	2	4	1							1	1	1	2		7	106.5	2.3	.5
28			4	3	5	1				1	2	5	1				2	115.5	3.4	.3
29		1	3	4	1						1	2	3	1	2	2	4	178	2.5	8
30	2	1	1	1						1	7	4		1		1	5	215	3.2	
Total	3	23	35	22	25	4	16	6	9	45	144	189	45	31	11	9	103	8,425.5	77.4	338.3
Mean	0.1	0.8	1.2	0.7	0.8	0.1	0.5	0.2	0.3	1.5	4.8	6.3	1.5	1	0.4	0.3	3.4	280.8	2.6	11.3

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	760.25	10.45p.	31.1	1.30p.	**99**	23.5	757.15	3.10p.	23	5.55a.	75	**20.3**
2	60.10	0.05a.	30.2	0.40p.	**99**	23.3	57.25	4.20p.	**22.9**	5.40a.	73	20.7
3	59.10	0.05a.	27.3	11.05a.	97	23.3	56.45	4.20p.	24.4	5.30a.	87	21.6
4	57.20	0.05a.	28.1	9.35a.	98	**23.1**	54	4.10p.	23.7	11.55p.	86	21.1
5	**55**	0.05a.	**26.5**	6.35p.	97	**23.1**	**50.45**	3.10p.	23.5	1.10a.	**89**	21.1
6	56.90	10.25p.	29.7	3.20p.	98	24.4	53.50	4.00a.	23.5	6.05a.	81	21
7	56.59	9.00a.	31	11.25a.	98	24.4	54.28	4.00p.	23.4	6.05a.	71	21.4
8	56.75	9.15a.	29.6	0.30p.	95	23.6	54.65	4.10p.	24.5	6.05a.	74	21.2
9	57.90	10.40p.	30.7	10.50a.	**90**	**25.6**	55.35	2.45p.	**25.5**	4.30a.	75	20.5
10	58.05	10.30p.	30.6	11.30a.	93	24.8	55.65	3.10p.	**25.5**	5.15a.	78	22
11	58.75	10.00p.	30.6	11.40a.	96	24.6	56.60	2.30a.	24.7	8.25p.	77	22.6
12	60.15	10.10p.	30.9	0.30p.	96	24.4	57.80	3.00p.	23.8	0.50a.	**76**	21.5
13	60.45	9.30p.	30.4	11.35a.	94	25.1	58.30	3.05p.	25	7.50a.	77	**22.9**
14	61.40	9.15p.	30.4	0.20p.	97	24.3	58.62	4.00p.	24	Midnight.	78	21
15	60.70	0.05a.	30.1	1.00p.	**99**	23.3	58.30	3.40p.	23.4	5.55a.	69	21.1
16	60.95	10.10p.	29.6	1.55p.	98	**23.1**	58	4.05p.	23.7	4.30a.	76	20.9
17	61.10	8.50a.	30.8	2.35p.	**99**	**23.1**	57.90	3.50p.	24.2	3.00a.	71	21.2
18	61.30	10.25p.	30.6	3.05p.	97	23.7	58.05	2.35p.	24.3	4.10a.	72	21.4
19	61.32	10.00a.	30.7	1.55p.	97	23.8	58.75	3.35p.	23.5	8.40p.	71.5	21.1
20	60.85	0.20a.	31.3	2.45p.	97	23.7	56.95	3.05p.	23.6	3.55a.	69	20.9
21	58.70	0.05a.	31	2.45p.	98	23.7	55.90	3.05p.	23.3	5.50a.	71	21.3
22	58.80	10.05p.	31.1	2.45p.	**99**	23.5	55.82	4.00p.	23.4	5.50a.	69	20.9
23	59.20	11.05p.	31.5	1.30p.	98	24.3	55.90	3.30p.	23.7	5.40a.	69	21.6
24	61.05	10.25p.	32.1	0.10p.	98	24.4	57.57	4.00p.	24.1	9.35p.	69	21.9
25	61.34	10.00a.	**32.3**	1.40p.	98	24	58.35	3.30p.	24.1	5.50a.	72	21.8
26	**61.55**	8.35a.	31.7	11.50a.	97	24.3	**59.10**	3.10p.	23.8	5.55a.	71	21.4
27	61.25	9.40a.	31.8	1.45p.	96	25	58.45	4.10p.	23.8	5.55a.	67	21.3
28	60.65	0.05a.	32.2	3.40p.	97	23.7	57.07	4.00p.	23	5.50a.	**64**	**20.3**
29	58.30	0.05a.	32.2	2.45p.	97	24.3	54.32	3.00p.	23.4	11.50p.	67	21
30	57	10.05a.	31.7	2.20p.	98	25.2	54.00	3.40p.	23.2	2.25a.	72.5	20.9
Mean	759.42	-------	30.6	-------	97	24	756.48	-------	23.9	-------	73.9	21.3

DAILY GENERAL REMARKS.

1____d in the early morning; gusty SWly winds in the early morning and afternoon; ●° at night.
2____● in the early morning and afternoon; ≡° in the morning; ●² at night.
3____● in the morning; ●° in the afternoon and at night.
4____Somewhat rainy weather.
5____Somewhat rainy and squally weather.
6____d in the morning; somewhat gusty SWly winds in the afternoon; coloration of clouds at sunset.
7____♎ early in the morning.
8____Somewhat gusty WSW winds at intervals with ● in the morning.
9____Gusty WSW winds in the afternoon.
10____Gusty SWly winds in the afternoon; ●° in the evening.
11____Somewhat gusty SWly winds at intervals; ●² at night.
12____●² in the early morning; ⊕, gusty WSW winds in the afternoon; ●° in the evening.
13____●² in the morning.
14____●, ◹° NE quadt. in the morning; d in the afternoon and at night; near ⊤ in the evening.
15____d in the early morning.
16____● in the early morning; d in the afternoon; gusty WSW winds in the morning and afternoon.
17____d² early in the morning.
18____● in the morning.
19____◹ N and SE quadts., ◺² various points, ●° in the evening.
20____⊤° in the afternoon; p°, d in the evening.
21____Cloudy weather.
22____⊕° in the forenoon; ● at night.
23____d in the morning; ◹ E and S quadts. in the afternoon; ⊤ SE, ◺² N and NNW in the evening.
24____⊤ NE quadt., ◠ in the afternoon; heavy thundershowers in the evening.
25____d early in the morning; ◠ in the morning; ◹ NE and SW quadts. in the afternoon.
26____d early in the morning.
27____♎ early in the morning; ◹ NW, NE and S, p° in the afternoon; ◺ NW in the evening.
28____Slight coloration of upper clouds at sunset.
29____d in the early morning; light thundershowers in the evening.
30____⊕, gusty SWly winds in the afternoon; intense coloration of upper clouds, ◺° N in the evening.

OBSERVATIONS FOR OCTOBER, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	55.25	54.90	54.85	54.85	55	55.55	56.39	56.94	**57.22**	57.18	56.86	55.93
2	55.45	55.05	54.80	54.70	54.65	54.85	55.05	55.54	**55.67**	55.51	55.04	54.19
3	53.85	53.65	53.60	53.30	53.55	54.03	54.59	54.95	55.24	55.13	54.78	54.05
4	55.25	**55**	55.15	**55**	55.30	55.65	56.14	56.89	57.28	57.31	56.98	56.74
5	58.30	57.90	**57.80**	57.90	58.45	58.73	59.60	60.44	60.54	**60.74**	60.19	59.43
6	59.95	59.75	59.60	59.65	59.80	60.15	60.57	60.77	**60.97**	60.82	60.31	59.84
7	59.45	59.10	58.85	58.45	58.45	58.68	59.18	59.64	59.84	**59.98**	59.69	58.99
8	59.15	58.85	58.75	58.40	58.60	58.99	59.49	60.07	60.33	60.26	59.77	59.12
9	59.80	59.45	59.40	59.30	59.40	59.75	59.89	60.32	**60.44**	60.39	60	59.53
10	59.30	58.95	59	58.80	58.95	59.56	59.70	60.27	60.30	**60.59**	60.25	59.56
11	59.55	59.35	59	58.85	58.90	59.37	59.75	60.02	**60.31**	60.11	59.71	59.08
12	59.70	59.35	59.10	58.95	59	59.36	59.81	60.34	**60.63**	60.62	60.13	59.58
13	59.60	59.40	59.35	59.25	59.35	59.46	59.61	59.89	**60.20**	60.16	59.86	59.15
14	58.40	58.10	57.65	57.70	57.65	57.85	58.20	58.61	**58.76**	58.61	58	57.32
15	55.90	55.40	55.40	55.10	55.05	55.67	56.10	**56.19**	55.94	56.09	55.74	54.97
16	49.10	48.75	**48.60**	48.80	48.95	49.58	49.65	50.77	51.99	52.32	52.51	52.11
17	55.80	55.55	55.15	54.60	54.30	54.18	55.05	55.53	55.32	54.99	54.41	54.07
18	56.30	55.55	54.90	55.30	55.50	55.40	55.87	56.86	57.40	57.35	57.14	56.31
19	56.65	56	**55.95**	56.20	56.25	56.97	57.41	57.71	58	57.94	57.55	57.28
20	58.15	57.80	57.35	57.30	57.55	58.04	58.41	58.84	**59.17**	59.04	58.99	58.35
21	58.40	57.90	57.80	57.60	57.55	57.86	58.23	58.40	**58.64**	58.49	57.85	57.23
22	55.45	55	54.80	54.70	54.50	54.62	54.81	55.01	55.27	55.05	54.21	53.83
23	56.30	56.10	**55.95**	56.10	56.60	57.34	58.19	58.25	58.75	58.77	58.34	58.09
24	59.10	59	58.95	58.95	59.15	59.65	60.16	60.25	**60.33**	60.22	59.95	59.43
25	59	58.85	58.55	58.50	58.70	59.14	59.77	60.17	**60.39**	60.33	59.84	59.40
26	60	59.80	59.70	59.70	59.95	60.24	60.84	61.04	61.58	61.43	60.91	60.37
27	61.50	61.45	61.50	61.70	61.75	62.14	62.72	63.14	**63.39**	63.14	62.50	61.88
28	62	61.65	61.55	61.55	61.80	62.13	62.41	62.78	62.87	**62.94**	62.52	62.06
29	61.75	61.20	60.95	60.90	61.10	61.34	61.63	61.78	**61.93**	61.47	60.83	59.94
30	60.10	59.70	59.70	59.25	59.55	59.78	60.07	60.42	60.64	**60.70**	60.33	59.62
31	59.85	59.70	59.65	59.35	59.60	60	60.58	60.92	61.25	61.12	60.89	60.51
Mean	58.01	57.68	57.53	57.44	57.58	57.94	58.38	58.80	**59.05**	58.99	58.58	58

TEMPERATURE (°C).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	25.3	25.3	25	24.7	**24.6**	**24.6**	25.4	27.7	28.5	29.2	**29.5**	**29.6**
2	27.3	27.4	**27.1**	27.3	27.3	27.2	27.7	28.2	30.3	30.9	**31**	**29.6**
3	28.2	27.7	27.6	27.5	27.8	27.5	28.1	29.2	29.3	30.5	30.6	**30.9**
4	26.7	26.9	26.2	26	26.3	25.8	26	27.3	29.1	**30**	29.7	29.7
5	25.2	25.6	25	24.7	24.7	24.8	25	25.5	26.3	28.4	28.7	**29**
6	24.3	24.3	24	23.8	23.8	**23.7**	25.3	28.5	29.8	29.7	30.1	29.9
7	**25.5**	25	24.8	**24.5**	**24.5**	**24.5**	25.8	28.1	28.7	29.9	28.7	29.5
8	25.7	25.6	25.1	24.9	24.6	**24.5**	26	27.3	27.6	30	30.5	**31.1**
9	24.4	24	23.9	23.6	23.2	**23**	24.7	27.7	26.9	28.6	29.6	29.9
10	23.8	**23.6**	23.5	**23.2**	23.6	23.7	24.2	26	**26.9**	26.7	26.6	26.2
11	23.1	23.1	23.1	23.1	22.8	**22.4**	22.9	26.1	27.7	28.2	28.3	28.7
12	24	23.9	23.7	23.7	23.6	**23.4**	23.7	25.6	26.8	27.5	29	27.5
13	23.7	23.8	23.9	24	**23.9**	**23.4**	24.5	26.6	27.2	28.1	27.9	29.1
14	24.3	24	23.9	23.8	23.5	**23.3**	24.3	27	26.5	27.8	29.3	29.5
15	24	24.1	**23.7**	23.9	23.9	24	24.5	25.1	**25.5**	**25.5**	25.2	25.1
16	25	24.7	24.2	24.1	**23.6**	23.7	25.2	25.6	26	26.5	27.4	**28.1**
17	22.3	**21.8**	**21.8**	21.9	21.9	23.7	24.6	24.6	**25.1**	26.4	27.4	26.9
18	**24.9**	25.1	25.1	25.2	25	25.1	25.7	26.3	27.1	28	**28.3**	27.6
19	25.4	25.2	25	25.6	25.1	24.9	25.5	27	29.6	29.9	**30.1**	**26**
20	24.3	24.5	24.4	24.2	23.9	**23.8**	24.6	26.5	27	29.2	28.7	**30.8**
21	24.9	24.7	24.5	**24.4**	**24.4**	24.5	25	27.5	27.6	27.7	30.3	30.3
22	25.9	25.4	25.3	25.8	26.1	25.9	26.2	28.8	28.3	28.2	28.2	**29.1**
23	25.4	24.8	24.8	25.2	25.8	26	25.3	25.3	25.8	28.2	29.7	**30**
24	23.7	23.8	23.9	**23.4**	**23.4**	24	24.3	27.8	29.1	29.5	29.6	29.7
25	24.4	24.2	25.3	24.3	24.1	**24**	24.7	25.9	27.8	29.1	29.7	29
26	24.5	24.2	24.3	24	23.5	**23.4**	24.2	27.6	29.3	30.3	31	31.5
27	24.3	24.1	23.3	23	22.7	**22.4**	23.8	28	29.7	30.8	31	31.7
28	24.5	24.2	24	23.4	23.3	23.3	23.9	27.3	29.4	28.5	27.5	29.6
29	22.8	22.5	22.5	22.9	22.4	**22.3**	22.9	27.2	28.3	29.6	30.7	31.4
30	22.5	22.5	22.2	**21.9**	22.2	22.1	22.6	**26.8**	29.1	28.7	29.7	29.4
31	24.3	23.5	23.4	23.3	23.2	**23**	23.6	26.4	27.6	29.3	28.6	29.1
Mean	24.7	24.5	24.3	24.2	24.2	**24.1**	24.8	26.9	27.9	28.7	29.1	29.2

ATMOSPHERIC PRESSURE, 700mm+

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
55.12	54.59	**54.18**	54.21	54.43	54.75	55.04	55.75	56.35	56.35	56.35	55.70	55.57
53.78	52.88	52.70	**52.66**	52.97	53.56	54.07	54.55	55.05	55.25	54.95	54.35	54.47
53.57	53.25	**53.17**	53.35	53.52	54.17	54.64	55.05	55.40	55.50	**55.60**	55.50	54.31
56.46	56.02	56.31	56.61	56.99	57.44	58.08	58.60	58.95	**59.45**	59.15	58.65	56.89
58.90	58.44	58.42	58.45	58.78	59.19	59.50	60.15	60.50	60.70	60.45	60.10	59.32
59.39	58.84	**58.31**	58.37	58.42	58.79	59.30	59.60	60	60.05	59.95	59.60	59.70
58.44	57.94	57.85	**57.72**	57.93	58.37	58.77	59.10	59.50	59.75	59.60	59.35	58.94
58.59	**58.29**	58.67	58.89	58.54	58.64	59.22	59.60	60.25	60.45	60.30	60.15	59.31
58.96	58.54	**58.37**	58.84	58.89	58.99	59.28	59.80	60.15	60.10	59.90	59.65	59.55
59.05	58.88	**58.60**	58.68	58.74	58.96	59.06	59.70	60.15	60.15	60	59.75	59.46
58.38	57.67	**57.57**	57.71	58.30	58.56	59	59.40	59.80	60	60.20	60	59.19
59.03	58.34	**58.07**	58.09	58.34	58.58	59.20	59.55	59.75	60	59.95	59.80	59.39
58.35	57.70	**57.49**	57.54	57.59	57.83	58.05	58.70	59.05	59.15	58.90	58.85	58.94
56.57	55.91	**55.58**	**55.58**	55.59	55.89	56.06	56.75	57.05	57.05	57.80	56.55	57.22
53.86	52.52	52.32	51.58	51.88	51.25	51.45	51.55	51.20	51.20	50.60	**50**	53.62
52.14	51.52	52.05	52.37	52.79	54.22	54.25	55.05	55.65	55.65	**56**	55.80	**52.11**
53.93	**53.52**	53.85	53.92	54.07	54.87	55.22	**56.40**	**56.95**	**56.95**	56.85	56.70	55.09
55.51	**54.76**	54.81	54.81	55.14	55.63	56.10	56.90	57.30	57.30	**57.55**	57.05	56.11
56.86	56.49	56.66	56.45	56.64	57.02	57.49	58.15	58.75	**58.80**	58.40	58	57.23
57.62	57.04	**56.78**	**56.87**	56.93	57.35	57.85	58.35	58.55	58.90	58.95	58.65	58.03
56.43	55.84	55.52	**55.32**	55.47	55.67	55.86	56	56.30	56.30	56.05	55.80	56.94
53.07	**52.64**	**52.64**	53.10	53.60	53.87	54.09	54.85	55.45	55.70	55.85	**56.10**	54.51
57.65	57.43	57.47	57.70	58.03	58.95	59	59.25	**59.50**	59.45	59.45	**59.50**	58.01
58.87	58.34	**57.89**	57.94	58.17	58.36	58.69	59.20	59.50	59.45	59.45	59.30	59.18
58.64	58.18	**57.79**	57.83	57.93	58.47	59.02	59.65	60.25	60.25	60.25	60.35	59.22
59.95	59.36	**59.21**	59.46	60.02	60.20	60.93	61.55	61.60	61.75	**61.80**	61.75	60.55
61.31	60.90	**60.71**	61.02	61.57	61.79	62.20	62.55	62.80	62.85	62.75	62.40	**62.07**
61.31	60.71	**60.27**	60.69	61.09	61.41	62.03	62.45	62.75	62.85	62.55	62.15	61.94
59.36	58.96	**58.65**	58.80	59.04	59.68	60.16	60.40	60.55	60.75	60.60	60.30	60.50
58.83	58.18	**58.01**	58.04	58.36	58.78	59.20	59.65	60.30	60.35	60.40	60.40	59.60
59.98	59.42	**58.88**	59.16	59.54	59.92	60.54	60.95	61.10	61.25	**61.30**	61.15	60.28
57.42	56.87	**56.74**	56.83	57.07	57.46	57.85	58.36	58.72	58.83	58.77	58.50	57.98

TEMPERATURE, (°C).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.6	**30**	**30**	29.1	29	28.7	28.2	28.2	28.1	28	27.7	27.4	**27.6**
30.6	**31.2**	31	29.3	29.1	28.8	28.8	28.8	28.8	28.8	28.4	28.2	**28.9**
30.8	29.8	29.4	28.7	28.1	27.8	27.9	27	26.9	26.8	**26.6**	26.7	28.4
29.9	28.8	27.6	26.9	26.2	26.2	25.3	26.1	26.5	25.8	26.6	26.2	27.2
28.8	28.5	27.3	27.6	**27.3**	27	26.2	25.9	25.6	25.2	24.7	**24.4**	26.3
30.3	**30.4**	30.1	30	**28.5**	27.5	27.3	26.7	25.5	25.3	25.4	25.4	27.1
29.9	30.7	**31.5**	29.7	28.2	27.6	27.7	27.7	26.7	26.3	26.1	25.9	27.4
30.7	30.7	28.4	26.4	26.1	25.3	25.3	25.3	25	25.1	24.9	24.8	26.7
30.1	29	29.2	28.5	27	25.7	25.3	24.9	24.5	24.4	24.2	23.9	26.1
26.5	26.8	26.2	25.8	25.6	25	24.6	24.6	24.4	24.1	23.7	23.3	24.9
29.4	**30.2**	24.8	26	25.6	24.9	24.5	24.4	**24**	23.9	24.2	24.2	**25.2**
26.9	28	29.8	**30**	28	26.4	24.2	24.5	24.2	24.1	23.9	23.9	25.7
29.2	29	28.8	28.3	26.6	25.2	25.3	25.1	25.1	24.6	24.6	24.5	25.9
30.1	**30.4**	30.1	30.2	28.2	27.5	27.5	25.7	25.6	25.5	24.8	24.3	26.5
24.7	24.6	24.4	24.8	25	25	24.9	25.1	25.4	25.2	25.3	25	**24.7**
27.5	27.5	27.3	26.8	26	25.3	25	25.3	24.7	24.3	24.5	24.8	25.5
28.1	27.2	25.6	25.5	25.7	25.3	25.2	25.2	25.1	24.8	24.8	24.8	24.8
28	**28.3**	27.5	27.4	26.4	26.4	26.1	26	25.4	25.3	25.4	25.5	26.3
24.9	24.7	24.5	24.5	24.6	24.5	24.4	24.5	24.5	24.5	24.4	**24.2**	25.6
30.3	30.2	30.6	29.8	28.2	26.7	26.1	25.8	25.2	24.9	24.9	25	26.6
31.1	30.5	30.5	29.5	28.3	27.6	27.6	27.5	27.1	26.4	26.2	26	27.3
28.9	28	26.9	26.1	25.3	25.2	25.7	26	25.8	25.3	**25.1**	**25.1**	26.5
29.2	29.6	27.7	27.5	26.8	25.1	24.9	24.9	24.3	23.9	23.8	23.5	26.1
29.9	**30.3**	29.9	29.3	27.7	27	26.9	26.4	25.5	25	24.7	24.8	26.6
29.6	29.7	**30.6**	29.5	27.8	27.3	27.2	26.8	26.6	25.5	25	24.8	26.8
32.1	**32.1**	31.9	30.7	28.5	26.8	26.2	25.8	25.5	24.9	24.9	24.6	27.2
31.9	**32**	30.1	29.5	28.5	26.9	25.8	24.7	24.2	23.5	23.4	23.4	26.6
30.8	28.3	30.4	28.8	28.2	25.2	24.3	23.6	23.7	23.7	23.2	**28**	25.9
31	30.6	**31.9**	29	28.1	26.1	25	24.1	23.3	23	23.1	22.9	26
29.7	30.5	**30.9**	30.8	29	27.4	26.1	25.5	24.9	**24.5**	24.2	24.1	26.1
28.9	27.8	**30.1**	29.2	28.2	26.7	26	25.8	25.2	25.1	24.9	24.8	26.2
29.3	29.2	28.9	28.2	27.3	26.4	26	25.7	25.4	25.1	25	24.8	26.4

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	94	95	95	96	97	97	93	76	75	71.5	70	70.5
2	81	80	85	84	81	83	80	79	70	67	70	79
3	69	73	73	73	70.5	73	72	71	70	66	70	71
4	88	85	91	92	90	93	92	86	76	72	72	75
5	94	88	94	95	96	96	95	92	93	82	80	78
6	98	97	98	98	98	98	95	82	74	76	75	75
7	95	97	97	97	97	97	93	84	79	76	78	75
8	94	94	95	95	96	96	91	88	85	73	75	73
9	95	95	94	94	95	95	87	78	86	76	72	73
10	95	96	96	94	92	94	94	88	83	90	85	85
11	95	94	94	93	95	96	95	85	76	75	74	74
12	94	96	97	97	97	97	96	86	80	81	75	78.5
13	97	96	96	96	95	97	96	86	81	80	76	70
14	96	96	97	97	98	97	97	85	86	79	74	73
15	91	90	92	91	91	91	89	88	86	88	91	93
16	95	93	93	93	94	90	86	83	81	79	78	77
17	93	96	96	96	96	88	86	91	87	82	78	86
18	98	98	97	97	95	97	95	94	88	85	84	89
19	94	92.5	96	94	96	97	96	93	77	77	73	91
20	98	97	97	98	98	98	98	91	88	77	83	74
21	93	95	96	97	95	96	94	84	82	82	71.5	70
22	88.5	93	93	81	82	85	89	77	82	86	84	78
23	87	83	87	88	85	81.5	87	92	88	77	78	77
24	99	99	97	98	98	97	98	83	77	78	75	75
25	97	97	88	94	95	97	95	91	79	74	69	74
26	95	96	95	94	97	97	97	86	75	68	65	66
27	93	94	95	94	94	95	89	72	68	63	63	60
28	91	91	93	96	96	94	96	81	70	77.5	78.5	69
29	96	97	96.5	96	96	96	97	81	76	69	61	59
30	95	95	94	96	95	95	97	80	71	74	72	73
31	92	97	97	97	97	97	97	89	79	72	75	78
Mean	92.9	93.1	93.7	93.6	93.5	93.6	92.3	84.6	79.6	76.5	75	75.5

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	22.6	22.7	22.4	22.2	22.2	22.2	22.3	21.1	21.8	21.5	21.3	21.7
2	21.7	21.7	22.7	22.5	21.7	22.2	22	22.4	22.3	22.1	23.3	24.2
3	19.6	20.3	20	20	19.6	20	20.4	21.4	21.1	21.4	22.7	23.4
4	22.9	22.4	23	22.9	22.8	23.1	22.9	23.1	22.7	22.7	22.3	23.3
5	22.4	21.4	22.1	21.9	22.2	22.3	22.4	22.2	23.6	23.5	23.3	23.1
6	22.2	22	21.8	21.5	21.5	21.4	22.7	23.6	23.1	23.5	23.9	23.4
7	23	22.8	22.5	22.3	22	22	22.8	23.7	23.1	23.3	22.9	22.8
8	23.1	22.9	22.5	22.2	22	21.9	22.7	23.8	23.3	23.1	24.3	24.6
9	21.6	21	21.3	20.3	20	19.8	20.2	21.5	22.8	22.1	22.3	22.7
10	20.8	20.7	20.6	19.8	19.9	20.5	21.1	21.9	21.7	23.3	21.9	21.6
11	19.9	19.7	19.7	19.5	19.5	19.4	19.6	21.3	21.1	21.3	21.1	21.7
12	20.8	21.1	21	21	20.9	20.6	20.8	21	21	22	22.3	21.4
13	21.2	20.9	21.1	21.2	20.9	20.6	21.9	22.2	21.8	22.6	21.1	21
14	21.6	21.2	21.3	21.3	21.1	20.7	22	22.5	22.2	21.8	22.3	22.4
15	20.3	20	20.1	20	20.1	20.1	20.3	20.9	20.9	21.3	21.6	22.1
16	22.4	21.5	20.9	20.8	20.3	19.5	20.5	20.2	20.2	20.3	21	21.6
17	18.6	18.5	18.7	18.8	18.7	19.1	19.7	20.8	20.5	21.1	21.3	22.5
18	23	23.1	22.9	23	22.4	22.9	23.3	23.7	23.5	23.9	24	24.4
19	22.7	22	22.5	22.9	22.7	22.6	23.2	24.5	23.8	24.3	23	22.7
20	22.2	22.3	22.1	22.1	21.6	21.5	22.6	23.4	23.3	23.2	24.3	24.6
21	21.8	21.9	21.9	21.9	21.6	21.9	22.1	22.8	22.5	22.7	22.9	22.3
22	22	22.3	22.2	20.1	20.5	21	22.4	22.6	23.6	24.5	23.8	23.5
23	20.9	19.4	20.2	20.8	21.1	20.3	20.8	21.9	21.6	22	24.1	24.4
24	21.6	21.7	21.5	21	21	21.4	22.2	23.1	23.1	23.8	22.9	23.3
25	21.9	21.7	21	21.2	21.1	21.4	21.9	22.6	22	22	21.2	22
26	21.7	21.5	21.4	20.8	20.7	20.6	21.7	23.6	22.7	21.9	21.9	22.9
27	21	21	20.1	19.6	19.2	19.1	19.4	20.3	21	20.8	21.1	20.8
28	20.7	20.5	20.7	20.4	20.3	20	21.1	21.9	21.2	22.4	21.4	21.1
29	19.7	19.7	19.5	19.8	19.4	19.3	20	21.6	21.7	21.1	20	20.2
30	19.2	19.2	18.6	18.7	18.8	18.7	19.7	21	21.2	21.7	22.3	22.2
31	20.9	20.7	20.8	20.5	20.4	20.2	21.1	22.7	21.5	21.9	21.9	23.2
Mean	21.4	21.2	21.2	21	20.8	20.8	21.5	22.2	22.1	22.4	22.4	22.6

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
70.5	75	71	76	74	74	77	78	79	79	81.5	82	81.1
74	68	71	74	76	73	71	71	70	71	73	73	75.2
72	77	76	81	79	80	75	87	86	86	88	83	75.9
75	78	79	85	89	89.5	93	89	88	93	86	89.5	85.2
79	79	84	84	84	83	89	90	91	94	95	97	88.8
73	74	76	75	77.5	84	84	90	94	95	96	95	86.6
75	70	67	75	80	84	84	84	90	92	94	93.5	85.6
73	72	82	85	87	90	91	92	92	91	92	92	87.2
73	78	74	81	80.5	88	90	92	95	95	95	97	86.6
89	86	89.5	88	91	95	95	96	95	95	95	97	91.8
74	70	92	89	93	96	97	97	95	96	96	96	89
84	77	70	71	82	86	95	95	97	95	97	97	88.4
69	69	71	71	80	88	90	92	92	91	91	91.5	85.9
71	72	71	70	77	80	80	81	86	85	87	91	84.4
94	95	97	95	96	97	95	95	94	95	94	94	92.6
80	79	83	84	85	88	87.5	85	90	92	83	75	85.6
83	87	97	97	97	98	98	97	97	97.5	97	97.5	92.4
86	83	85	87	92	89	90	92	93	93	94	93	91.4
94	95	96	94	95	96	96	97	97	97	97	98	92.9
73	71	67	72	79.5	86	91	93	92.5	94	94	95	87.7
67	70	73	79	83	88	88	87	88	87	86	88	85
81	85	85	90	95	95	91	89	91	91	92	88	87.1
76	77	84	82	88	93	93	95	97	98	98	99	87.1
77	75	77	79	84	86.5	86	89	93	96	97	97	87.9
72	71	72	76.5	83	84	84	88	88	93	94	94	85.4
64	63	63	64	76	85	85	88	90	92	92	92	82.7
60	64	69	76	77.5	86	89	96	97	99	99	97	82.9
67	77	72	77	79	94	91	96	97	96	96	96	86.3
62	67	55	65	68	76	81	83	89	90	91	92	80.8
74	71	72	73	78	86	89	88	92	93	92	94	85
80.5	86	77	74	80	86	90	88	92.5	93	94	93	87.5
75.5	76.2	77.3	79.7	83.4	87.2	88.2	89.7	91.2	92.1	92.1	92.2	86.2

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
21.7	23.5	22.3	22.7	21.9	21.7	22	22.1	22.4	22.3	22.4	22.2	22.1
24.3	23	23.7	22.3	22.8	21.4	21	21	20.6	21	21	20.8	22.2
23.9	24.1	23.3	23.7	22.4	22.2	21	23.1	22.8	22.6	22.7	21.7	21.8
23.6	23	21.5	22.4	22.4	22.6	22.3	22.5	22.6	22.8	22.3	22.6	22.7
23.3	22.8	22.5	22.9	22.7	22.1	22.4	22.4	22.1	22.2	21.9	21.9	22.5
23.3	24	24.1	23.5	22.4	22.8	22.7	23.3	22.8	22.7	23.1	22.9	22.8
23.4	22.9	23	23.3	22.8	23.2	23.3	23.3	23.5	23.3	23.4	23.2	23
23.9	23.5	23.5	21.7	21.8	21.5	21.8	21.9	21.6	21.5	21.6	21.5	22.6
23	23.1	22.3	23.4	21.3	21.5	21.5	21.4	21.7	21.6	21.3	21.3	21.6
22.8	22.6	22.6	21.6	22.1	22.4	21.8	22	21.6	21.1	20.6	20.5	21.5
22.5	22.4	21.5	22.3	22.5	22.4	22	22.1	21	21.1	21.5	21.5	21.1
22.1	21.7	21.8	22.5	22.9	21.9	21.3	21.7	21.7	21.1	21.5	21.5	21.5
20.7	20.4	21	20.3	20.6	21.1	21.5	21.7	21.7	20.8	20.8	20.9	21.2
22.6	23.1	22.6	22.4	22	21.8	21.8	20	21	20.7	20.2	20.5	21.6
21.8	21.8	21.9	22.1	22.5	22.8	22.2	22.5	22.7	22.6	22.6	22.1	21.5
21.8	21.6	22.3	22	21.1	21	20.6	20.4	20.8	20.9	19	17.6	20.8
23.4	23.4	23.6	23.4	23.7	23.4	23.4	23	22.9	22.6	22.5	22.6	21.5
24.2	23.7	23.2	23.5	23.5	22.7	22.6	22.9	22.3	22.3	22.7	22.6	23.2
22	21.9	21.9	21.5	21.8	21.9	21.7	22.3	22.3	22.3	22.1	22.1	22.5
23.3	22.8	21.9	22.4	22.5	22.5	22.9	22.8	22	22	22	22.4	22.6
22.7	22.6	23.6	24.1	23.7	24.2	24.2	23.6	23.5	22.3	21.8	21.9	22.7
24	23.8	22.4	22.6	22.7	22.6	22.3	22.1	22.4	21.8	21.9	20.9	22.4
22.8	23.6	23.1	22.4	23	22.1	21.8	22.2	22	21.6	21.5	21.3	21.9
24	24	24.3	23.8	23.1	22.9	22.5	22.7	22.6	22.5	22.3	22.5	22.7
22.1	22	23.6	23.4	23.1	22.5	22.6	23	22.7	22.6	22.1	21.9	22.2
22.9	22.2	22.2	21	22	22.2	21.6	21.6	21.8	21.6	21.4	21.1	21.8
21.1	22.5	21.8	23.2	22.4	22.8	22	22.2	21.7	21.3	21.2	20.6	21.1
22.2	22.1	23.3	22.6	22.4	22.4	20.5	20.7	21	20.8	20.2	19.9	21.2
20.6	21.7	19.4	19.5	19	19.1	19.1	18.5	18.9	18.8	19.1	19.1	19.8
22.9	23	24.1	24.1	23.3	23.3	22.5	21.4	21.4	21.3	20.7	21	21.3
23.8	23.9	24.3	22.3	22.8	22.5	22.5	21.9	22	22.1	22	21.7	22
22.8	22.8	22.7	22.5	22.4	22.2	22	22	21.9	21.7	21.6	21.4	21.9

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-S.	Fr.-N.	A.-S.	S.-Cu. W	Ci.-S.	S.-Cu. W	Ci.-S.	Cu.	Ci.-S.	Cu.
2	Ci.-S. NNE	Cu. NW	Ci.-S.	Cu. NW	Ci.-S. NNE	Cu. NW	Ci.-S.	Cu. NW	Ci.-S.	Cu. NW
3	----------	Cu. NWbyW	Ci.-Cu.	Cu. NW	----------	Cu. NW	Ci.-S.	Cu.	Ci.-S.	Cu.
4	Ci.-S.	Cu. WSW	Ci.-S.	Cu.	Ci.-S.	Cu. WSW	Ci.-S.	Cu. W	Ci.-S.	Cu.
5	----------	N.-cf. WSW	----------	N.-cf. WSW	Ci.-S.	Cu. SW	Ci.-S.	Cu. WSW	Ci.-S.	Cu.
6	Ci.	Cu. W	Ci.	Cu. W	Ci.	Cu. W	Ci.	Cu.	Ci.	Cu.
7	Ci.-S.	Cu.	Ci.-S.	Cu. NWbyW	Ci.-S. NE	Cu. WNW	Ci.-S.	Cu. WNW	Ci.-S. NE	Cu. WNW
8	----------	Cu. EbyN	----------	Cu. EbyN	Ci.	Cu. EbyN	----------	Cu. ENE	----------	Cu.
9	----------	Cu.	Ci.	Cu. E	Ci.	Cu. ESE	Ci.	Cu. ESE	Ci.	Cu. ESE
10	----------	Cu. NE	Ci.	N. NE	----------	N.	----------	N.	----------	N.
11	Ci.	Cu.	Ci.	Cu. SE	Ci.-Cu.	Cu. NE	Ci.	Cu.-N. NE	Ci.	Cu.-N. NE
12	A.-Cu. NE	Cu. ENE	A.-Cu.	Cu. E	A.-Cu. NE	Cu. E	A.-Cu.	Cu. E	----------	Cu. ENE
13	----------	Cu.-N. N	Ci.-S.	Cu.-N. N	Ci.-S.	Cu.-N. NW	Ci.-S.	Cu. NW	Ci.-S.	Cu. NW
14	----------	Cu.	----------	N. NE	----------	Cu. NE	Ci.-Cu. E	Cu. NE	Ci.-Cu.	Cu. NE
15	----------	S.-Cu. WbyS	Ci.-S.	S.-Cu. WbyS	----------	S.-Cu.	----------	N.	----------	N.
16	----------	S.-Cu. S	----------	S.-Cu. S	----------	S.-Cu. S	----------	Cu. SSE	----------	Cu. SSE
17	----------	N. SW	----------	N. SW	----------	S.-Cu. SW	----------	S.-Cu. SSW	----------	S.-Cu. SSW
18	----------	S.-Cu. SSW	----------	N.-cf. SSW	Ci.-S.	Cu. SSW	----------	N.-cf. SSW	----------	N.
19	A.-Cu. E	Cu. SW	A.-Cu. E	Cu. SSW	A.-Cu. E	Cu. SSW	A.-Cu.	Cu. SSW	----------	N.
20	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Fr.-S. WSW	Ci.-S.	N.-cf.	Ci.-S.	Cu.
21	----------	Cu. NNE	----------	Cu. NNE	----------	Cu. NNE	Ci.-Cu.	Cu.	A.-Cu.	Cu.
22	A.-Cu. N	Cu. NNW	A.-Cu.	Fr.-Cu. W	A.-Cu.	Cu. W	A.-Cu. NW	Cu.	----------	Cu. WSW
23	----------	S.-Cu. SW	----------	N. SW	----------	Cu. SW	Ci.	Cu. SW	A.-Cu.	Cu.
24	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu.
25	Ci. E	Cu.	Ci. E	Cu. W	----------	Cu. W	A.-Cu. ENE	Cu.	A.-Cu.	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.	Ci.	Cu.
27	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
28	----------	Cu.	----------	Cu.	----------	N.-cf. E	----------	Cu. E	----------	Cu.
29	Ci.	S.-Cu. E	Ci.	Fr.-Cu. E	----------	Cu. E	Ci.	Cu. E	----------	Cu. E
30	----------	Cu. ENE	Ci.-Cu. ESE	Cu.	----------	Cu. E	----------	Cu. E	Ci.	Cu-N.
31	Ci.-S.	S.-Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	----------	N.-cf. E	----------	Cu. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.-S.	Cu.	Ci.-S.	Cu. WNW	Ci.-S.	Cu. WbyN	A.-Cu. NW	Cu. WNW	Ci.-S.	Cu. WNW
2	Ci.-S.	Cu. NW	Ci.-S. NNE	Cu.	Ci.-S.	Cu.-N. NW	----------	S.-Cu. NW	Ci.-S.	S.-Cu. NW
3	Ci.-S.	Cu.	Ci. NE	Cu. NW	Ci. NE	Cu. NW	Ci.-S.	Cu. NW	Ci.	Cu.
4	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci.-S.	N.	----------	N.-cf. W
5	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	S.-Cu. WSW	Ci.-S.	N.-cf. WSW	----------	S.-Cu. WSW
6	Ci.	Cu.	A.-Cu.	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu.
7	Ci.-S.	Cu. WNW	Ci. E	Cu. WNW	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu. WNW
8	----------	Cu. W	Ci.	Cu.-N. W	Ci.	Cu. W	Ci.	Cu.-N. W	Ci.-S.	N.-cf. W
9	Ci.-S.	Cu.-N.	Ci.	Cu.-N.	Ci.-S.	Cu.-N. ESE	Ci.-S.	Cu. E	Ci.-S.	Cu.-N. E
10	----------	N.	Ci.-S.	Fr.-N. ESE	Ci.-S.	N.-cf. ESE	----------	N. ESE	Ci.-S.	N. ESE
11	----------	Cu.-N. NE	----------	Cu.-N. NE	----------	N. NE	A.-Cu.	N. NE	----------	Cu.-N. ENE
12	----------	N. ENE	----------	Cu.-N. NE	Ci.-S.	Cu.	Ci.-S.	Cu. NE	----------	Cu.-N. NE
13	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.
14	A.-Cu.	Cu.	A.-Cu. ENE	Cu. NE	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu.	A.-Cu. ENE	Cu. NNE
15	----------	N.	----------	N. SW	----------	N. SW	----------	N. SW	----------	N. SW
16	----------	Cu. SSE	Ci.-S.	Cu. SSE	Ci.-S.	Cu. SSE	Ci.-S.	Cu. SSE	----------	Fr.-N. SE
17	----------	S.-Cu. SW	----------	N.	----------	N. SSE	----------	N.	----------	Fr.-N. SSE
18	----------	Cu. SSW	Ci.-S.	Cu.	Ci.-S.	s.-cu. swbys	----------	N.-cf. SW	----------	N.-cf. SW
19	----------	N.	----------	N.	----------	N. SW	----------	N.-cf. SW	----------	S.-Cu.
20	Ci.-S.	Cu.-N.	Ci.-S.	Cu.-N.	Ci. EbyS	Cu.-N.	Ci.-S.	Cu.	Ci.	Cu.-N.
21	A.-Cu.	Cu.	A.-Cu. E	Cu.	A.-Cu. E	Cu.	A.-Cu.	Cu. NNE	A.-Cu. E	Cu. NNE
22	----------	Cu. WSW	----------	N.-cf. WSW	----------	S.-Cu. WSW	----------	N. SW	----------	N. SW
23	----------	Cu. SW	A.-Cu.	Cu. SW	----------	S.-Cu. SW	----------	Cu. SW	----------	N.-cf. SW
24	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	Ci.-Cu.	Cu.
25	A.-Cu. E	Cu.	A.-Cu. ENE	Cu. W	A.-Cu. ENE	Cu. W	A.-Cu. ENE	Cu. W	A.-Cu.	Cu.
26	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. ENE	Ci.-S.	Cu. ENE	Ci.-S.	Cu.
27	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE
28	----------	Cu.	----------	Cu. ENE	----------	Cu.-N. ENE	----------	Cu. ENE	----------	N. ENE
29	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.
30	Ci.	Cu.-N.	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	S.-Cu. E
31	----------	Cu.-N.	Ci.-S.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	NNE 1	N 1	NE 0.5	ENE 0.5	E 0.5	Calm	NNE 0.5	NW 4.5	WNW 2	W 4.5	W 5.5	WSW 4
2	W 5.5	W 6.5	WSW 5.5	WbyS 5.5	WbyS 7	WNW 4.5	WNW 8	WNW 4	W 6.5	WNW 3	SW 2	swbyw 5.5
3	W 6.5	W 3.5	W 5.5	WbyN 6	W 6.5	WNW 2.5	WSW 6	WSW 6	WSW 6	SW 1	SW 3	SW 7.5
4	WSW 4.5	WSW 6.5	WSW 3.5	SSW 3.5	WSW 3.5	SSW 2	SSW 3	SSW 3.5	SSW 2.5	SW 4	SW 3	SSW 4
5	SSE 1	SSW 5.5	Calm	SSE 1	SSE 1.5	NE .5	SW 3	SW 2	Calm	SW 1.5	swbyw 7	WSW 6
6	ESE .5	SE .5	SE 1	ESE 1	E 1	Calm	E .5	Calm	SW .5	WSW .5	WSW .5	WSW 4
7	Calm	E .5	Calm	Calm	E .5	NE .5	NNE .5	NNW 1	WNW 3.5	NW 2	W 2.5	WNW 2
8	Calm	Calm	ENE .5	NE .5	NE .5	Calm	Calm	SW .5	SW .5	SW 1.5	WSW 1.5	W 2
9	ENE 1	ENE 1	Calm	NE 1	NE 1	Calm	Calm	NE .5	NW 1	Calm	WNW 2.5	WNW 1.5
10	NE 1	NE .5	NE .5	NE 1.5	NE 1.5	NE .5	NE .5	ENE .5	Calm	ENE .5	Calm	NE .5
11	Calm	Calm	Calm	E 1.5	Calm	Calm	Calm	Calm	W 2.5	WSW 1	WSW 2	WSW 3.5
12	E 1	Calm	Calm	Calm	Calm	SEbyE .5	NNE .5	Calm	SSW .5	WSW 1	WSW 1.5	WSW 1
13	NE 1	NE 1	NE .5	NE .5	Calm	Calm	E .5	Calm	SE .5	WSW 2.5	W 2.5	WSW 3
14	NE 1	ENE 2	ENE 1.5	E 1	Calm	Calm	NE .5	E .5	W .5	SW 1	WSW 2.5	SW 2.5
15	NNW 2	N 2.5	NNW 2	NNW 2.5	NNW 1.5	NNE 1.5	NNE 2	NNE 1	NE .5	N .5	Calm	Calm
16	SW .5	SE 2.5	ESE 3	SE 3	SE 4.5	SE 4.5	SE 2	ESE 3.5	EbyN 5	E 1.5	SE 5	EbyS 4
17	ESE 3	ESE 3.5	E 2.5	EbyS 2	ESE 3	ESE 6.5	SEbyE 8	ESE 4.5	EbyN 4	E 7.5	ESE 7.5	ESE 2
18	ESE 2	ESE 2.5	ESE 1	ESE 1.5	ESE 2.5	ESE 3	SE 1	SSE 1	SSE .5	Calm	SEbyS 1.5	Calm
19	ESE 1.5	ESE 1	S 1	SSE 1.5	Calm	Calm	SE .5	SE 1.5	SE 3	ESE 1.5	SE .5	SW 6.5
20	ENE 1.5	E 1	Calm	Calm	Calm	Calm	NE .5	E .5	SW .5	Calm	WNW 3	WNW 1.5
21	NE 1.5	Calm	Calm	Calm	Calm	Calm	Calm	N 1	NNW 1.5	NW 2	NW 2.5	NW 5
22	NNW 3	NNW 1	NNW 1	WNW 5.5	WNW 2	NW .5	Calm	SW 5.5	SW 6	SW 11	SW 8	SSW 4.5
23	SSW 3.5	SWbyS 9	SWbyS 6.5	SSW 5.5	SWbyS 13.5	SWbyS 9	SE 2	SE 2	SE 1	S 5.5	SW 4	SSW 7.5
24	Calm	Calm	ESE 1.5	Calm	E .5	E .5	Calm	SSE 1	SSE 2.5	SSW 3	swbyw 4	WSW 3.5
25	Calm	Calm	WNW 3	NE 1	Calm	Calm	NE .5	NE .5	NE .5	N .5	W 2	SW .5
26	Calm	Calm	Calm	Calm	Calm	Calm	Calm	SE 2	SE 1.5	ESE 1.5	SE 2	SE 4
27	Calm	E 1	ENE 1.5	NE 1	NE 2	ENE .5	ENE .5	NE .5	NE .5	NNE .5	NE 3	NE 6
28	NNE 1.5	NNE 2	Calm	E .5	E .5	NNE .5	NNE .5	NNE 1	Calm	W .5	ENE 1	ESE 2
29	NE 1	Calm	ENE .5	ENE 1	NE 1	ENE .5	ENE .5	NE .5	NE .5	NNE .5	NNE 1	NNE 1.5
30	ENE 1.5	NE .5	NE 1	ENE 1	ENE 1.5	NE .5	NE .5	NE .5	Calm	WSW 2.5	WSW .5	WNW 1.5
31	Calm	E .5	Calm	Calm	Calm	Calm	ENE .5	Calm	Calm	W 1	WNW 3	W 2.5
Mean	1.5	1.8	1.4	1.6	1.8	1.2	1.4	1.6	1.7	2	2.7	3.2

Day.	1 p.	2 p.	3p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	W 4.5	WSW 2.5	WbyS 6	W 7.5	WbyS 5	W 6	wbys 10.5	W 9	WbyN 6.5	W 6	WbyS 5.5	W 9	4.3
2	SW 6.5	SW 3	SW 8.5	WSW 6.5	WSW 6.5	WNW 4	W 3	WNW 4.5	WNW 5.5	W 5.5	WbyS 6.5	W 5.5	5.4
3	SW 7	SW 5	SW 5	SW 9	SW 5	WSW 4.5	WSW 5.5	SW 4.5	SW 3.5	SW 4.5	SSW 3.5	swbyw 5.5	5.1
4	SSW 2.5	swbyw 6	SSW 3	WSW 7	WSW 4.5	SSW .5	SSW 4	swbyw 4.5	SW 4	SSE 1.5	SW 5.5	SSE 2	3.7
5	WSW 9.5	WSW 7	wsw 14	SW 1.5	SSW 2.5	S 2	S 1.5	SSE 1	Calm	E 1	Calm	Calm	2.9
6	WSW 6.5	WSW 4	SWbyW 9.5	SW 4.5	WSW 5.5	WSW 5.5	WNW 4.5	Calm	NE 1.5	NE .5	Calm	Calm	2.2
7	SSW 2	SW 1.5	SW 2.5	SW 5	SW 2	SW 3	SW 2.5	SW .5	ESE 1.5	E 1	NE 1	Calm	1.5
8	SSW 4.5	SSW 3	Calm	NE 1	NE .5	ENE 1	ENE 1	ENE 1	Calm	Calm	E .5	ESE .5	.9
9	NW 3	ENE 2	ENE 3	ESE .5	SSE 1.5	SSE .5	Calm	SSE 1	SE .5	Calm	Calm	Calm	.9
10	ESE .5	SE .5	SE .5	SSE 2	Calm	Calm	Calm	E 1	NE 1	NNE 1	NE 1.5	NE .5	.7
11	SW 3	WSW 5	ESE 2	NNW 1.5	ESE 2	E .5	SE .5	E 1.5	ESE 2	SE 2	Calm	ENE 1	1.3
12	WSW .5	SW .5	SSE 1	SW 1	SSW .5	SE 1.5	SSW 1.5	S 1.5	SSE 1	NNE 1.5	Calm	Calm	.7
13	WSW 3.5	WSW 3	WSW .5	Calm	Calm	Calm	E 1.5	Calm	SSE 1	SSE 1.5	SSE 1.5	Calm	1
14	SW 3.5	WNW 4	WSW 4.5	SW 4	SW 4	WSW 4.5	SW 2	NNE 3.5	NNE 1	N 2	NNW 2.5	NNW 1.5	2.1
15	Calm	SW 1.5	S 1.5	SW 6	WSW 8	WSW 7	W 5	WbyS 5.5	W 6.5	SW 5.5	WSW 6.5	W 3.5	3
16	ESE 5	SE 1.5	ESE 3	ESE 1.5	ESE 2	SE 1.5	SE 1.5	ESE 3.5	SE 1.5	SE 1.5	SE 3.5	SE 3	2.8
17	ESE 7	SE 8	SEbyS 9.5	SSE 1	SE 3.5	SSE 2	SE 1	SSE 1.5	SE 1.5	SE 2.5	SE 1.5	ESE 2.5	4
18	SSE 1	ESE 2	SE 1	Calm	Calm	Calm	ESE 1.5	ESE 1.5	E 1	ESE 1.5	SSE 1.5	SE 1.5	1.2
19	SSW 1.5	SE .5	NE .5	NE 1	Calm	ENE .5	E 1	E 1.5	E 1	SE 1.5	Calm	Calm	1.1
20	WbyS 3	WbyS 4.5	WbyS 2.5	WSW 1.5	WSW 1	Calm	Calm	Calm	ENE .5	ENE .5	E 1	Calm	1
21	NW 5.5	W 1.5	swbyw 7	SW 4.5	SW 7.5	SW 5	WSW 3	NW 3.5	NNW 2	NNW 3	NNW 3.5	NNW 3	2.6
22	SSW 5.5	S 8.5	SSW 10.5	SSW 8	SW 9.5	SSW 4.5	SSW 9.5	SW 10	SW 13.5	SW 13.5	SW 7	SW 6.5	6.4
23	swbyw 5.5	SWbyW 10.5	SW 5.5	SSW 2	SSW 1.5	swbyw 8.5	SW 1.5	SSW 1.5	Calm	SE .5	Calm	Calm	4.4
24	SSW 4	SSW 4.5	SW 4.5	SSW 2.5	SSW 5	SW 4	swbyw 1	WSW 2	Calm	Calm	Calm	Calm	1.8
25	WSW 4.5	WSW 1	WSW 1.5	WSW 2.5	WSW 3.5	WSW 3.5	SSW 3	SSW 2	WSW .5	N 2.5	Calm	Calm	1.4
26	ESE 4	SE 1.5	SE 3.5	SE 4.5	SE 1	ESE 1	ESE .5	ESE 2	ENE 1	ENE 1	E 1	Calm	1.9
27	ENE 4.5	ENE 4.5	ENE 3.5	NE 2	NE 3	NE 2	NE 1.5	Calm	Calm	Calm	NE .5	NNE 1.5	1.7
28	N 2	SSW 3.5	SSW 1.5	NW 2.5	NW .5	ENE .5	ENE 3	NE 1.5	ENE 1	NE 1.5	NE 1	NE 1	1.2
29	ENE 1	SW 1	ENE 1	ENE 1	NE 1	NE 1.5	NE .5	NE 1.5	NE 1	NE 1	ENE 1.5	NE 1.5	.9
30	NWbyW 2	W 2	NW 2.5	NW 1.5	Calm	Calm	Calm	NNE .5	NE 1	N 1	N 1	Calm	1
31	NW 1	NNW .5	NNW 1	SE 1	ESE 1	NE .5	Calm	N 1.5	Calm	Calm	Calm	Calm	.6
Mean	3.7	3.4	3.9	3	2.8	2.4	2.3	2.4	2	2.1	1.9	1.6	2.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	2	1	0	0	0	0	0	13	15	17	22.5	18.5
2	28	23.5	26	22	24.5	21.5	26	19.5	17.5	22	13	17
3	25	28	18	28.5	25.5	17.5	14.5	18	17	19	20	23.5
4	19	18	20	13.5	17	16	10	12	12	14	25	21.5
5	5	7	9	2.5	4	3	5.5	11	6	8	16	15
6	2.5	2	2.5	3	2.5	3.5	2	4	1	6	7	9
7	1	0	.5	1	0	0	.5	1	4.5	10	11	13
8	.5	1	0	1.5	2	.5	0	2	7	7	7	7.5
9	1	2	0	1	3	2	2	.5	1.5	7	13	12
10	4	2	1	6	6	5	1	3.5	1.5	2.5	1.5	5.5
11	.5	.5	.5	2.5	2	1.5	.5	0	5	9.5	9.5	12
12	5	.5	.5	0	.5	1.5	0	1	.5	12	10.5	6
13	2	1	.5	.5	0	.5	1.5	2	0	4	8	10
14	5.5	3	3	1.5	.5	0	.5	.5	1	6.5	13.5	11
15	4.5	7.5	7.5	6.5	3.5	7.5	7	6	4.5	1.5	1	1
16	11	2	7	7	9	14.5	17.5	10.5	17.5	21	12	16
17	15	9	9	8	9	14.5	20	20.5	19	19	26	16
18	7	7	7	4	7	9	11	6	4	2	7	65
19	5	4	1.5	4.5	3.5	.5	1	3	6	7	8	11
20	3	3	1	1	1	1	3	0	2	3	11	8
21	2	2.5	0	.5	0	0	0	1	5.5	8.5	15	16
22	9	6	2	4	16	10	6	4	14	27	24	25
23	25	18.5	28.5	23	21.5	28.5	24	6	5	9	21	23
24	2	3	2.5	2	1.5	2	3	2	5	6	18	15
25	1.5	.5	8	7	1	0	.5	1.5	1.5	3.5	11	7
26	0	0	0	0	0	0	2	0	5	9	10.5	11.5
27	0	2	4.5	5	6	3.5	2	4.5	5.5	3.5	7	6
28	5	3	3	0	0	2	4	5	1	5	7	5.5
29	2.5	1	1	1.5	2.5	3	0	2	3	6	10	7
30	3	1	1	2	3	4.5	3	4.5	4	5	7.5	10
31	1	0	1	1	1	2	1	.5	1.5	7	8.5	7.5
Mean	6.4	5.1	5.4	5.2	5.6	5.6	5.5	5.3	6.2	9.3	12.3	12

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	9	10	10	10	10	10	10	10	10	10	10	10	9.9	0 00
2	9	9	9	8	7	7	7	8	9	10	10	10	8.6	6 05
3	7	6	8	8	7	8	9	8	8	9	8	8	7.8	3 35
4	10	9	7	8	8	9	10	10	10	10	10	10	9.2	1 25
5	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
6	2	4	6	7	7	5	3	3	4	3	5	8	4.8	10 15
7	9	6	7	7	9	8	8	8	8	10	10	10	8.3	4 40
8	8	8	8	7	7	7	8	9	9	10	10	10	8.4	5 45
9	4	6	7	7	6	4	6	9	9	10	9	9	7.2	6 00
10	10	10	9	10	10	10	10	10	10	10	10	10	9.9	0 00
11	6	3	3	5	3	5	4	6	10	9	9	9	6	6 30
12	7	10	7	7	8	9	8	8	7	7	9	10	8.1	4 15
13	6	7	8	9	8	9	10	10	10	10	10	10	8.9	1 55
14	8	3	9	7	8	6	5	4	4	8	8	7	6.4	7 20
15	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
16	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
17	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
18	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
19	10	9	8	9	9	10	10	10	10	10	10	7	9.3	2 40
20	9	9	9	9	8	5	7	6	5	5	4	5	6.8	5 30
21	6	8	7	8	6	6	6	5	5	6	9	8	6.7	7 55
22	9	9	9	10	8	10	10	10	10	10	10	10	9.6	1 20
23	10	10	10	8	8	5	9	9	10	10	10	10	9.1	2 45
24	3	3	4	3	3	3	3	2	2	2	3	6	3.1	10 05
25	9	8	6	4	7	8	8	8	9	7	7	7	7.3	6 05
26	2	3	3	3	3	3	4	4	7	9	8	5	4.5	8 30
27	4	2	3	4	5	6	7	6	5	3	2	2	4.1	9 05
28	3	2	2	9	8	8	8	8	7	6	9	5	6.2	7 40
29	4	3	5	3	3	3	6	5	4	2	1	0	3.2	9 00
30	5	3	3	8	7	4	4	6	6	8	7	6	5.6	7 20
31	5	3	5	7	9	7	9	10	8	7	9	8	7.2	4 35
Total														140 15
Mean	7.2	6.9	7.2	7.6	7.5	7.3	7.7	7.8	7.9	8.1	8.3	8.1	7.6	4 31

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
20	15	16	20	22	26	26	**28.5**	**28.5**	27	25	27.5	15.4
23	21.5	22.5	22.5	**28**	21.5	21.5	15.5	19.5	22.5	23.5	26.5	**22**
26.5	27.5	27	26.5	21.5	20	23	22.5	19	14	16	17.5	21.5
18.5	21	14	11	17	12	10.5	16.5	21	8	6	14	15.3
21	**29**	26	22	13	13	9	8	4	2	3.5	.5	10.1
13	20	**26**	23.5	21.5	21	18	11.5	3	3.5	.5	0	8.6
9	10	10.5	13	**13.5**	11.5	10.5	8	4	3	4	1.5	5.9
12.5	**15**	9	2	1	1	6	5	3.5	1	1.5	1	3.9
12	9.5	10.5	3.5	5	2.5	3	3	.5	2.5	.5	2.5	4.2
2.5	1.5	4	3.5	3	1	1.5	.5	2.5	3	2.5	2.5	**2.8**
13.5	12	**13.5**	5	3.5	5	2	2	8	6	3.5	3.5	5.1
4	3.5	5	3.5	1.5	8	4.5	0	1.5	5	.5	1	3.2
10.5	**11**	6.5	4.5	1	0	1.5	2	1.5	3.5	6.5	5	3.5
12	11.5	14.5	13	15.5	**17.5**	12.5	12.5	4	4	10.5	6.5	7.5
.5	3	5	16.5	26	23	25	18	17	20	16	**30**	10.8
14	11	9	8.5	8.5	8	5	9.5	6.5	6	9	15	10.6
13	17	22	10	6	8	4	4	4	7	8	6	12.2
5.5	9	6	1	.5	.5	3	4	4	3	2	5	5
21.5	5.5	6.5	7.5	3.5	1.5	3.5	1.5	1.5	2.5	2.5	.5	4.7
10.5	**12.5**	10	8	5.5	3.5	0	0	1	2	.5	.5	3.8
16	14	15	17	20	**22**	18	12	11	10	10	7	9.3
21	26	26	28	39.5	28.5	32	35	39	**47**	28	31	**22**
27	**31**	22	12	7	18	12	6	1	1	1	0	15.5
16	18	17.5	19.5	20	**21**	17	8.5	5	.5	0	1	8.6
5	10	10	12	14	**16**	11	11.5	6.5	2	3.5	.5	6
11.5	10	13.5	**14.5**	10	6	5.5	5.5	6	2.5	0	.5	5.1
15	15	**16**	10	9	11.5	8.5	1.5	0	0	.5	2	5.8
9.5	8	7	7	5	2	5	4	2	4	3	2.5	4.1
6.5	5	6.5	10	**14**	9	7	5.5	2	1.5	3.5	1.5	4.6
8.5	**13.5**	10.5	6.5	3	1	2	2.5	1.5	2.5	1	2	4.3
5.5	6.5	3.5	6	**9**	3	2.5	2	1.5	0	0	0	3
13	**13.6**	13.3	11.9	11.9	11	10	8.6	7.4	7	6.2	6.9	8.5

AMOUNT OF CLOUDS (0–10).

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1	1	2	1	1	1	-----	-----	-----	-----	-----	-----	2	12	2	1	-----	1	370.5	5.6	-----
2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	4	9	7	-----	-----	-----	528.5	6.7	-----
3	-----	-----	-----	-----	-----	-----	-----	-----	-----	1	11	6	4	2	-----	-----	-----	515.5	4	1.5
4	-----	-----	-----	-----	-----	-----	-----	2	-----	10	4	8	-----	-----	-----	-----	-----	367.5	2.1	5.9
5	-----	-----	1	-----	1	-----	-----	4	2	2	4	5	-----	-----	-----	-----	5	243	1.8	6.8
6	-----	-----	2	-----	2	2	2	-----	-----	-----	2	8	-----	1	-----	-----	5	206.5	3.1	-----
7	-----	1	2	-----	3	1	-----	-----	-----	1	7	-----	1	2	1	1	4	141	3.2	-----
8	-----	-----	4	4	1	1	-----	-----	-----	2	3	1	1	-----	-----	-----	7	94.5	2.2	-----
9	-----	-----	3	4	-----	1	1	3	-----	-----	-----	-----	-----	2	2	-----	8	100	2.4	-----
10	-----	1	11	2	1	1	2	1	-----	-----	-----	-----	-----	-----	-----	-----	5	67.5	.2	2.1
11	-----	-----	-----	1	3	3	2	-----	-----	-----	1	4	1	-----	-----	1	8	121.5	2.2	3.9
12	-----	2	-----	-----	1	-----	2	2	1	3	2	4	-----	-----	-----	-----	7	76	1.7	14.5
13	-----	-----	4	-----	2	-----	1	3	-----	-----	-----	5	1	-----	-----	-----	8	83.5	2.2	.5
14	1	2	2	2	2	-----	-----	-----	-----	-----	6	3	1	1	-----	2	2	180.5	3.4	-----
15	2	3	1	-----	-----	-----	-----	-----	1	-----	3	3	4	-----	-----	4	3	258	.3	194.3
16	-----	-----	-----	-----	2	8	13	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	255	2.1	6.4
17	-----	-----	-----	-----	3	10	7	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	294	.4	25.6
18	-----	-----	-----	-----	1	10	3	5	-----	-----	-----	-----	-----	-----	-----	-----	5	121	.7	2
19	-----	-----	2	1	3	3	6	1	1	1	1	-----	-----	-----	-----	-----	5	113	.6	27.2
20	-----	-----	1	3	3	-----	-----	-----	-----	-----	1	2	3	2	-----	-----	9	91	2.3	3.3
21	1	-----	1	-----	-----	-----	-----	-----	-----	-----	3	2	1	-----	5	5	6	223	3.5	-----
22	-----	-----	-----	-----	-----	-----	-----	-----	1	6	10	-----	-----	2	1	3	1	528	1.5	18.2
23	-----	-----	-----	-----	-----	-----	4	-----	1	6	7	3	-----	-----	-----	-----	3	371	1.9	5.8
24	-----	-----	-----	-----	2	1	-----	1	-----	4	4	4	-----	-----	-----	-----	8	206	3.1	.3
25	2	-----	4	-----	-----	-----	-----	-----	-----	2	1	7	1	1	-----	-----	6	145	3.2	-----
26	-----	-----	-----	2	1	5	8	-----	-----	-----	-----	-----	-----	-----	-----	-----	8	123.5	3.7	-----
27	-----	2	11	6	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4	138.5	4.1	-----
28	1	5	4	4	2	1	-----	-----	-----	2	-----	-----	1	-----	2	-----	2	99.5	2.2	2.6
29	-----	3	11	8	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	111.5	4.6	-----
30	1	1	7	3	-----	-----	-----	-----	-----	-----	-----	2	1	1	3	-----	5	103	2.8	-----
31	1	-----	1	1	1	1	1	-----	-----	-----	-----	-----	2	1	1	2	12	71.5	1.7	2.6
Total	10	22	73	42	36	48	52	26	7	40	76	73	43	24	16	18	138	6,348.5	79.5	323.5
Mean	0.3	0.7	2.4	1.4	1.2	1.5	1.7	0.8	0.2	1.3	2.5	2.4	1.4	0.8	0.5	0.6	4.5	204.8	2.6	10.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°C.		*Per cent.*	*mm.*	*mm.*		°C.		*Per cent.*	*mm.*
1	757.22	9.00a.	30.4	11.25a.	97	23.5	754.05	3.40p.	24.4	5.50a.	70	21.1
2	55.67	9.00a.	31.9	11.05a.	85	24.3	52.55	2.40p.	**27.1**	3.00a.	67	20.6
3	**55.65**	11.15p.	31.5	11.40a.	88	24.1	53.05	3.15p.	26.2	11.20p.	66	19.6
4	59.45	10.00p.	30.7	1.05p.	93	23.6	54.85	4.20a.	24.8	6.55p.	72	21.5
5	60.80	9.25a.	29.7	0.40p.	97	23.6	57.65	2.25a.	24.2	11.55p.	78	21.4
6	61	9.15a.	31.5	1.25p.	98	24.1	58.31	3.00p.	23.5	5.45a.	73	21.4
7	60	9.55a.	31.6	3.05p.	97	23.7	57.65	3.15p.	24	5.15a.	67	22
8	60.50	10.05p.	31.6.	11.55a.	96	**24.6**	58.20	2.05p.	24.1	5.40a.	72	21.5
9	60.55	9.15a.	31.6	1.20p.	97	23.4	58.30	2.45p.	22.7	6.05a.	72	19.8
10	60.65	9.50a.	**27.2**	10.20a.	97	23.3	58.55	2.45p.	23	4.05a.	83	19.8
11	60.35	9.05a.	31.4	2.15p.	97	22.5	57.45	3.05p.	22.2	5.55a.	70	19.4
12	60.65	9.55a.	30.4	3.30p.	97	22.9	58.05	3.45p.	23.2	6.10a.	70	20.6
13	60.25	9.40a.	29.7	3.30p.	97	22.6	57.40	2.45p.	22.9	5.55a.	69	20.3
14	58.80	9.30a.	31.5	1.40p.	98	23.1	55.50	3.30p.	23	5.55a.	70	20
15	56.50	0.05a.	27.3	9.30a.	97	22.8	50	Midnight.	23.5	2.55a.	86	20
16	56.10	11.05p.	28.3	0.05p.	95	22.4	**48.55**	2.30a.	23	5.30a.	77	**17.6**
17	57.30	9.40p.	28.2	1.10p.	98	23.7	53.40	2.30p.	**21.2**	2.55a.	78	18.5
18	57.60	10.55p.	28.7	0.35p.	98	24.4	54.60	2.30p.	24.4	5.05a.	83	**22.8**
19	58.90	10.15p.	31.3	10.55a.	98	24.5	55.80	2.15a.	23.9	11.55p.	73	21.5
20	59.25	9.10a.	31.3	3.15p.	98	**24.6**	56.65	3.15p.	23.5	6.05a.	67	21.5
21	58.70	9.20a.	31.7	0.55p.	97	24.2	55.25	3.55p.	24	4.40a.	67	21.6
22	56.10	Midnight.	30.6	11.35a.	95	24.5	52.35	2.45p.	24.8	11.30p.	77	20.1
23	59.55	8.50p.	30.9	11.40a.	99	24.4	55.95	3.00a.	23.3	11.50p.	76	19.4
24	60.40	9.25a.	30.8	1.25p.	99	24.3	57.89	3.00p.	22.8	4.45a.	75	21
25	60.45	9.15a.	31.3	2.55p.	97	23.6	57.79	3.00p.	23.5	5.20a.	69	21
26	61.90	9.50p.	32.8	2.25p.	97	23.6	59	2.45p.	23.1	5.50a.	63	20.6
27	**63.45**	9.35a.	**32.9**	1.10p.	99	23.2	**60.71**	3.00p.	22.3	6.05a.	60	19.1
28	62.95	10.25a.	31.4	1.20p.	97	23.3	60.25	3.10p.	23	Midnight.	67	19.9
29	62.05	0.05a.	32.6	0.25p.	97	**21.7**	58.55	3.20p.	22.1	6.20a.	55	18.5
30	60.70	10.00a.	31.7	3.55p.	97	24.1	57.90	3.30p.	21.5	4.15a.	71	18.6
31	61.40	9.30a.	31.2	3.05p.	97	24.3	58.85	2.50p.	22.8	6.05a.	72	20.2
Mean.	759.51	.....	30.8	.....	96.4	23.6	756.29	.....	23.5	.....	71.5	20.3

DAILY GENERAL REMARKS.

1____Somewhat gusty Wly winds in the afternoon and evening.
2____⊤ NW, somewhat gusty SWly winds in the afternoon; ⊤ NE quadt. in the evening.
3____Gusty SWly winds at intervals especially in the early morning; coloration of upper clouds at sunset.
4____●° early in the morning; ● in the evening.
5____⊤° NNW, ● in the morning; gusty WSW winds in the afternoon.
6____Gusty SWly winds in the afternoon.
7____⊕ in the morning.
8____d°, ◹ NE, in the afternoon and evening; ◠° in the afternoon.
9____◹ NE quadt. in the afternoon.
10____d in the morning and afternoon.
11____d in the early morning; ●, ◹ E quadt., ◠ in the afternoon.
12____≡° in the morning; p in the afternoon; ●² in the evening.
13____⊕ in the forenoon and afternoon.
14____d in the early morning.
15____● in the forenoon; ●² in the afternoon and at night with somewhat gusty WSW winds; ◺ N quadt. in the evening.
16____●² in the early morning; d° in the afternoon.
17____Somewhat rainy weather with some gusty SEly winds.
18____●° in the early morning; d in the morning and afternoon.
19____● early in the morning and afternoon; heavy thundershowers in the forenoon, came from SW quadt.
20____d in the early morning; ≡°, ⊕ in the morning.
21____●° in the early morning.
22____Gusty SWly winds at intervals, especially in the afternoon; ● in the afternoon and at night.
23____Rain squalls in the early morning and evening.
24____d in the early morning; ◠ in the morning; ◺ N in the evening.
25____☌ early in the morning; slight coloration of clouds at sunset.
26____☌ early in the morning; ◺° E in the evening.
27____Cloudy weather.
28____d° in the morning; ●° in the afternoon; ◺ NW in the evening.
29____Cloudy weather.
30____As yesterday.
31____☌°, ≡° early in the morning; ●° in the forenoon and afternoon; ◹ in the afternoon.

OBSERVATIONS FOR NOVEMBER, 1918.

ATMOSPHERIC PRESSURE, 700mm+

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	60.85	60.35	60.35	60.25	60.40	60.62	60.98	61.29	**61.43**	61.27	60.72	60.11
2	60.20	60.10	59.65	59.65	59.75	60.11	60.40	60.68	**60.92**	60.82	60.48	59.93
3	60.15	59.90	59.70	59.70	60	60.32	60.84	61.41	**61.52**	61.28	60.67	60.12
4	60	59.80	59.40	59.20	59.45	59.77	60.21	60.50	60.84	60.70	60.52	59.90
5	59.85	59.85	59.70	59.75	59.90	60.16	60.54	60.84	**61.08**	61.04	60.64	59.93
6	60.60	60.25	59.85	60	60.10	60.44	60.76	61.17	61.34	61.12	60.61	59.92
7	60.80	60.45	60.25	60.30	60.50	60.87	61.24	**61.77**	61.68	61.66	61.29	60.72
8	60.85	60.55	60.55	60.40	60.95	61.08	61.58	62	**62.10**	62.01	61.59	60.81
9	61.55	61.35	61.10	61.05	61.45	61.63	61.96	62.39	**62.59**	62.28	61.86	61.04
10	61.60	61.30	61.05	61.10	61.35	61.79	62.04	62.60	63.08	**63.09**	62.74	61.64
11	61.95	61.75	61.45	61.45	61.60	61.93	62.39	62.84	**62.99**	62.77	62.23	61.57
12	61.80	61.15	60.95	61.20	61.25	61.61	62	62.23	**62.50**	62.05	61.58	60.74
13	61.15	60.95	60.95	61	61.40	62.05	62.29	62.90	**63.13**	62.63	62.29	61.33
14	61.65	61.50	61.20	61.25	61.55	61.89	62.08	62.46	**62.95**	62.59	61.98	61.37
15	61.90	61.55	61.10	61.10	61.35	61.88	62.21	**62.68**	**62.68**	62.63	62.28	61.83
16	61.40	61.20	61	60.90	60.90	61.36	61.65	62.09	**62.49**	62.02	61.42	60.72
17	61	60.55	60.20	60.30	60.40	60.95	61.26	61.58	**61.73**	61.59	61.44	61.10
18	60.70	60.55	60.35	60.35	60.70	61.08	61.48	61.76	**62.03**	61.91	61.47	60.74
19	60.70	60.70	60.45	60.55	60.65	60.84	61.20	61.54	**61.63**	**61.63**	61.22	60.97
20	61.05	60.75	60.80	61	61.20	61.76	62.10	62.50	**62.69**	62.47	62.10	61.57
21	60.90	60.65	60.60	60.65	60.80	61.10	61.46	61.84	**62.04**	61.69	61.05	60.63
22	60.40	60.25	60.10	60.30	60.50	60.88	61.06	61.65	61.56	61.35	60.94	60.23
23	60.50	60.30	60.15	60.15	60.25	60.54	60.88	61.26	**61.43**	61.04	60.49	60.01
24	60.60	60.15	60.05	60.10	60.20	60.44	61.29	61.50	**61.75**	61.49	61.02	60.44
25	60.65	60.20	59.95	60	60.25	60.61	60.95	61.57	**61.75**	61.54	60.94	60.35
26	60.10	59.90	59.80	59.75	59.95	60.40	60.70	61.23	**61.47**	61.23	60.94	60.18
27	60.65	60.35	60.20	60.30	60.45	60.86	61.34	62.12	**62.18**	61.70	61.04	60.27
28	60.65	60.15	59.95	60	60.20	60.61	61.01	61.47	**61.60**	61.40	61	60.45
29	60.35	60.15	60.15	60.20	60.45	60.84	61.28	61.98	**62.10**	61.82	61.53	60.93
30	61.30	61	60.80	60.90	60.95	61.26	61.65	**62.08**	62.07	61.85	61.44	61.10
Mean	60.86	60.59	60.39	60.43	60.63	60.99	61.36	61.80	**61.98**	61.76	61.32	60.69

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	24.7	24.4	24	23.3	23.2	23	23.6	27.2	29.2	29.8	**29.5**	**29.9**
2	21.8	21.7	21.4	21.3	**21.2**	**21.2**	22.2	**25.9**	28.7	**28.5**	**29**	**30**
3	22.3	22.1	21.8	21.7	21.7	**21.5**	22.6	26.9	**28.5**	29.8	30.6	30.8
4	21.3	21.3	21	20.7	20.5	**20.4**	22.3	**25**	27.9	28.3	28	28.4
5	22.7	22.2	22	21.8	21.7	**21.3**	22.4	26.2	28.3	27.8	29.7	29.7
6	23.2	23.2	23.3	23	22.4	**22.1**	23.3	27	29.6	30.5	31.6	31.4
7	23.5	23	22.9	22.9	22.7	**22.5**	23.7	26.1	28.2	28	29.6	29.9
8	24.3	23.7	24.1	23.7	23.6	23.5	24	27	**29.1**	30.5	29.3	30.6
9	22.3	21.7	**21.4**	22.2	22.1	21.6	22.6	25.9	28.7	29.2	30	**30.4**
10	21.9	22	22	22	21.9	**21.4**	22.4	25.9	28	28	28.7	**29.9**
11	23.3	23.2	23.3	23.9	23.7	23.5	23.5	26.2	26.8	29.2	28.4	29.1
12	22.4	22.1	22.1	22.6	22.4	22.6	23.8	26.5	27.2	28.8	**27.3**	28
13	22	22	21.5	21.3	21.1	**20.8**	22.1	26.4	**29.1**	28.8	29.5	**32.2**
14	23.3	**23.1**	23.3	23.3	23.3	23.4	24.4	25	27.1	**29.4**	27.8	28.7
15	22.5	22.5	22.4	22.2	22.2	22.6	23	26.1	27.9	27.6	28.4	27.1
16	20.6	**20.4**	21	21	21.3	21.5	22.5	24.7	27.2	**29.5**	30.5	31
17	21.3	21.3	21.2	**20.8**	21.3	21.5	22	**23.7**	**25.8**	28.7	26.8	27.4
18	21.2	20.9	20.3	20	19.8	**19.3**	20	24	28.1	28	28	28.9
19	20.6	20.2	19.8	**19.5**	19.6	20.5	20.9	24.2	26.2	27.6	27	26.3
20	20.8	20.4	20.2	20.1	19.9	**19.7**	20.9	25.5	28.6	28.9	28.9	29.4
21	20.8	19.9	19.5	19.1	19.5	**18.9**	19.8	24.9	27.9	28.6	28.7	29.2
22	21.5	**21.1**	21.7	22	21.9	21.9	22.9	25.9	27.2	28	28.3	29.2
24	22.7	22.6	22.2	21.9	21.5	**21.4**	22.6	26	27.9	28	26.9	28.4
23	23.8	23.8	23	22.7	22.2	**22**	22.2	26	28.5	**29.7**	27.5	28.4
25	23.4	22.9	22.5	22.5	22.1	**22**	22.6	24.9	26.9	28.8	27.5	29.4
26	22.2	22	21.5	21.4	21.1	**20.8**	21.7	24.8	27.5	28.7	28.7	29.1
27	23.8	23.4	22.7	22.2	21.9	**21.7**	23.7	26.2	27.7	29.5	29.6	29.2
28	23.9	23.5	22.4	21.9	21.6	**21.5**	22.2	26.3	27.7	28.2	28	29
29	22.2	22.1	22	21.8	21.6	**21.5**	21.8	25.6	27.7	28.8	29.5	**30.5**
30	21.9	21.7	21.6	21.3	21.2	**21**	22	26	27.3	29	28.7	28.9
Mean	22.4	22.1	21.9	21.8	21.7	**21.6**	22.5	25.7	27.9	**28.8**	28.7	29.3

ATMOSPHERIC PRESSURE, 700 mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.52	58.92	58.68	**58.58**	58.83	59.26	59.94	60.40	60.60	60.65	60.55	60.35	60.20
59.30	58.57	**58.44**	58.47	58.89	59.10	59.69	60.30	60.45	60.55	60.55	60.50	**59.90**
59.24	58.59	58.34	**58.29**	58.72	59.07	59.70	60.30	60.55	60.60	60.60	60.40	60
59.54	58.84	**58.68**	58.74	59.03	59.49	60.23	60.55	**60.85**	60.80	60.55	60.25	59.91
59.27	59.30	**58.94**	59.02	59.26	59.52	60.16	60.75	60.95	61.05	61.05	60.90	60.14
59.38	58.80	**58.61**	58.86	59.03	59.39	59.93	60.55	61.15	**61.45**	61.20	61.05	60.23
59.92	59.59	59.19	**59.16**	59.52	59.73	60.27	60.85	61.10	61.75	61.40	61.15	60.63
60.30	59.74	**59.52**	59.77	60.08	60.42	60.81	61.25	61.60	61.85	61.95	61.90	60.99
60.47	60.31	60.02	**59.97**	60.38	60.48	60.90	61.45	61.70	61.85	61.90	61.95	61.32
61.15	60.79	**60.33**	60.41	60.52	60.82	61.20	61.75	62.10	62.20	62.40	62.10	61.63
60.62	60.16	**59.97**	60.38	60.84	61.17	61.90	62.40	62.85	62.65	62.65	62.20	**61.78**
60.21	**59.78**	59.87	60.18	60.51	60.85	61.38	61.95	62.15	62	61.80	61.65	61.31
60.61	60.16	**59.78**	60.29	60.63	60.89	61.59	62.15	62.25	62.30	62.10	61.95	61.53
60.60	60.05	**60.02**	60.28	60.73	60.72	61.40	61.95	62.35	62.40	62.40	62.15	61.56
61.24	60.34	**59.85**	59.97	60.48	60.87	61.47	61.75	62.10	62.25	62.15	61.85	61.56
60.05	59.45	**59.15**	59.39	59.72	59.78	60.42	61.20	61.40	61.30	61.25	61.20	60.89
60.16	59.45	**59.38**	59.68	60.20	60.25	60.45	60.80	61.10	61.10	61.10	60.90	60.69
59.99	59.40	**59.25**	59.39	59.60	59.89	60.38	60.80	61.15	61.20	61.10	60.90	60.67
60.30	59.49	**59.29**	59.51	59.66	59.99	60.70	61.25	61.35	61.50	61.50	61.25	60.74
60.52	59.95	**59.74**	59.78	59.95	60.33	60.63	60.90	61.25	61.45	61.10	61	61.11
59.67	59.18	**58.92**	**58.92**	59.14	59.43	60.15	60.80	61.15	61.20	61	60.65	60.57
59.49	58.95	**58.69**	58.88	59.24	59.77	60.27	60.65	60.90	**61.20**	61	60.75	60.38
59.32	58.77	**58.63**	58.74	59.22	59.47	60.04	60.40	60.70	60.95	60.80	60.85	60.20
59.55	58.94	**58.90**	59.07	59.37	59.68	60.15	60.60	60.75	61.15	61.30	60.65	60.38
59.43	58.75	58.48	**58.46**	58.69	59.10	59.69	60.25	60.65	60.50	60.40	60.30	60.14
59.34	58.90	58.54	**58.51**	58.77	59.18	59.87	60.45	60.85	60.95	60.90	60.75	60.11
59.54	58.91	**58.66**	58.76	59.04	59.47	60.23	60.70	60.90	61.25	61.15	60.90	60.46
59.69	58.85	**58.62**	58.72	58.99	59.27	60.15	60.50	60.70	60.75	60.65	60.45	60.24
60.23	59.74	**59.62**	59.64	60.13	60.55	61.03	61.65	61.75	61.75	61.55	61.35	60.87
60.35	59.74	59.70	**59.69**	60.21	60.62	61.15	61.55	61.95	61.95	61.95	61.80	61.13
59.97	59.41	**59.19**	59.32	59.65	59.95	60.53	61.03	61.31	61.42	61.33	61.14	60.71

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29.3	**30.6**	28.9	30	27.6	25.7	24.7	24.1	23.2	23.1	22.2	**22**	26
28.7	27.5	28	27.5	27.2	25.7	25.1	24.7	23.8	23.5	23.2	22.7	25
31.4	**31.6**	31	28.7	27.3	24.8	24.1	23.6	22.9	22.2	22.1	21.6	25.5
28.7	28	28.2	**28.9**	27.4	26.1	25.8	24.7	24.4	23.7	23	22.8	24.9
30.2	27.8	29.8	28.5	28	26.4	25.4	24.3	23.9	23.7	23.4	23.1	25.4
32	**32.3**	31	30.3	28.5	27.1	25.7	25	24.3	24.2	23.9	23.6	**26.6**
29.3	29.7	**31**	29.8	27.5	26.5	25.4	25.1	24.6	24.5	24.2	24.2	26
32.2	31.2	30.6	29.9	28.1	26.1	25.2	24	24.7	23.4	22.7	**22.3**	26.4
28.4	28.3	29.3	28.5	26.6	25	24.3	23.4	22.9	22.8	22.5	22	25.1
27.1	28.8	29.8	28	26.7	24.3	23.3	22.7	22.6	22.5	22.9	22.7	24.8
30	30.9	**31**	28.3	27	25.8	24.6	24.5	22.6	22.7	22.9	**22.5**	25.7
29.1	**29.6**	28.2	27.7	26.4	25.1	24	23.3	22.8	22.5	22.5	**21.9**	25
31.4	30.4	31.2	28	25.4	24.7	24.4	24.4	24.1	23.9	23.6	23.5	25.5
27.8	28.2	28.3	26.5	26.6	25.6	25.6	24.8	24 4	23.9	23.4	**23.1**	25.4
26.2	29	**30**	29.2	26.5	24.3	22.9	22.3	22	21.3	21	**20.9**	24.6
31.7	31.2	30	29.4	26.8	24.4	23.8	24.2	24	22.7	22.4	21.5	25.1
29.2	28.8	28.5	26.5	26	24.5	23.8	23.2	22.5	22	21.6	21.5	24.2
29.5	**30**	29.2	28.8	26.5	24.3	23.5	22.9	22.1	21.7	21.7	21.2	24.2
25.1	27.9	**28.4**	27.9	26.4	24.5	23.6	23.9	23.7	22.9	22	21.3	**23.8**
28.3	**29.9**	**29.9**	29.6	27.2	24.7	23.3	22.8	22.3	21.7	21.2	21.5	24.4
29.7	**30.4**	**30.4**	28.8	27.1	25.3	24.5	23.9	23.2	22.4	21.9	21.5	24.4
29.5	29.7	**30.2**	29.2	27.6	26.2	25.6	25.1	24.6	24.6	23.7	23.3	25.5
28.8	29.6	**30.1**	30	28.4	26.3	25.7	25	24.4	23.8	23.5	23.7	25.5
30.3	29.1	28.4	28.9	27.7	26.1	25.5	24.9	24.4	24.1	24.4	24	25.7
29.9	30.3	**31.1**	30	28.4	26	25	24.3	24	23.4	23.2	22.6	25.6
30.1	30	**30.9**	30.2	27.7	26.1	25.1	24.7	24.3	23.9	24.2	23.8	25.4
29.4	30.4	**30.8**	30.6	28.2	26.4	26	25.4	25.4	24.9	24.7	24.2	26.2
28.9	**30.8**	28.5	28.5	27.5	24.7	24.1	23.6	23.4	22.9	22.7	22.7	25.2
29.4	29.6	28.2	28.7	27	25.1	24.4	24.2	23.7	23	22.6	22.4	25.1
29	29	28.2	**29.1**	25.7	24.2	23	22.5	22.1	21.5	21.4	21.2	24.5
29.4	**29.7**	29.6	28.9	27.2	25.4	24.6	24	23.6	23.1	22.8	22.5	25.2

RELATIVE HUMIDITY (%).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a.	9a.	10a.	11a.	Noon.
1	94	94	94	97	97	97	96	81	73	71	75	70
2	96	96	96	96	96	96	96	81	74	77	71	68
3	96	96	96	96	96	95	94	77	68	65	61	65
4	95	95	95	96	96	96	91	79.5	69	72	74	70
5	93	95	96	96	95	96	94	79	68	71	64.5	63
6	96	95	93	93	95	96	90	80	67	66	59	56
7	94	96	94	95	95	96	91	80	70	73	67	69
8	91	94	91	94	94	96	95	80	71	65	74	68
9	93	95	95	92	93	95.5	92	78	69	70	72	68
10	95	93	93	91	92	95	90	79	69	71	71	67
11	84	88	86	78	79	80	82	76	71	65	66	66
12	91	92	92	91	92	91	88	77	73	69	81	78
13	91	91	94	94	94	94	90	75	64	69	66	52
14	94	96	93	92	92	93	91	89	78	73	76.5	75
15	96.5	95	96	96	96	95	93	83	76	77	75	79
16	95	97	93	92	88	88	88	80	70	64	59	55
17	93	93	92	94	89	88	87	82	76	64	76	80
18	95	95	97	97	97	97	99	83	64	65	66	65
19	90	90	90	91	90	87	88	78	76	68	72	79
20	96	96	96	96	96	96	94.5	75	64	65	62	65
21	94	96	94	95	91	95	91	72.5	67	66	69	66
22	94	95	91	89	89	89	87	74	70	73	71	69
23	95	94	96	96	96	96	91	84	77	76	81	75
24	92	92	95	96	96	96	97	89	77.5	68	81	79
25	91	95	96.5	94	96	96	95	88	77	72	78	74
26	96	95	95	95	95	95	95	83	73	66	70	68
27	91	92	95	95	96	96	84	80	72	66	70.5	71
28	91	93	96	96	95.5	95	94	80	73	74	74	73
29	98	98	97	98	97	96	96	83	72	68	64	62
30	97	96	96	96	96	95	90	78.5	73	71	70	69
Mean	93.6	94.3	94.1	93.9	93.6	93.9	91.6	80.2	71.4	69.3	70.6	68.8

VAPOR PRESSURE (mm).

Day.	1a.	2a.	3a.	4a.	5a.	6a.	7a.	8a	9a.	10a.	11a.	Noon.
1	21.8	21.3	20.8	20.7	20.6	20.3	20.7	21.6	21.9	22.2	22.8	21.9
2	18.7	18.6	18.3	18.1	18	18	19.2	20	21.7	22.2	21.1	21.4
3	19.1	18.9	18.7	18.4	18.4	18.2	19.1	20.4	19.8	20.3	19.8	21.6
4	18	17.8	17.6	17.5	17.3	17.2	18.2	18.7	19.4	20.5	20.7	20
5	19	18.8	18.8	18.5	18.2	18.1	18.9	19.8	19.3	19.8	20	19.6
6	20.2	20	19.8	19.4	19.1	18.9	19.2	21.1	20.7	21.4	20.4	19.2
7	20.2	19.9	19.5	19.6	19.4	19.4	19.7	20.1	20	20.5	20.7	21.7
8	20.6	20.5	20.4	20.5	20.3	20.6	21	21.1	21.4	21.1	22.3	22.1
9	18.6	18.2	18.1	18.3	18.3	18.3	18.7	19.3	20.2	21.1	22.7	22
10	18.5	18.2	18.2	17.9	17.9	17.9	18.2	19.6	19.3	20.1	20.6	20.9
11	17.8	18.6	18.3	17.2	17.2	17.3	17.7	19.1	18.5	19.5	19.1	19.8
12	18.3	18.2	18.2	18.6	18.5	18.6	19.3	19.9	19.6	20.2	21.7	21.9
13	17.9	17.9	17.8	17.6	17.4	17.2	17.8	19.2	19.2	20.2	20.4	18.7
14	20	20.1	19.8	19.6	19.6	19.9	20.6	21	20.8	22.2	21.2	22.1
15	19.5	19.2	19.4	19	19	19.3	19.4	20.9	21.1	21.1	21.5	21.1
16	17.2	17.3	17.1	16.9	16.6	16.8	17.7	18.5	18.8	19.7	19.1	18.4
17	17.4	17.4	17.2	17.2	16.8	16.8	17	17.9	18.8	18.9	19.9	21.7
18	17.9	17.5	17.2	16.9	16.7	16.2	17.2	18.4	18.1	18.3	18.6	19.2
19	16.2	15.8	15.5	15.4	15.3	15.6	16.2	17.4	19.1	18.6	19.2	20.2
20	17.6	17.2	16.9	16.8	16.6	16.4	17.3	18.2	18.7	19.2	18.4	19.8
21	17.1	16.6	15.9	15.6	15.4	15.4	15.7	17	18.6	19.1	20.2	19.8
22	17.8	17.6	17.5	17.5	17.4	17.4	18	18.4	18.7	20.5	20.3	20.7
23	19.4	19.1	19	18.7	18.4	18.3	18.6	21	21.4	21.3	21.3	21.5
24	20.2	20.2	19.8	19.6	19.2	19	19.3	22.1	22.4	21	22	22.7
25	19.5	19.6	19.5	19	18.9	18.8	19.3	20.6	20.4	21.2	21.2	22.5
26	19	18.6	18.2	18.1	17.8	17.4	18.2	19.4	19.8	19.3	20.5	20.4
27	19.8	19.7	19.4	18.8	18.8	18.4	18.3	20.2	19.9	20.1	21.7	21.4
28	20.1	20	19.4	18.8	18.3	18.2	18.6	20.4	20.3	20.9	20.7	21.6
29	19.5	19.4	19.1	19.1	18.6	18.4	18.7	20.2	19.9	20	19.6	20.2
30	19	18.4	18.5	18.1	18	17.6	17.7	19.6	19.8	21.1	20.5	20.3
Mean	18.9	18.7	18.5	18.2	18.1	18	18.5	19.7	19.9	20.4	20.6	20.8

RELATIVE HUMIDITY (%).

1p.	2p.	3p.	4p.	5p.	6p.	7p.	8p.	9p.	10p.	11p.	Midnight.	Mean.
74	72	77	72	81	81	83	87	92	90	95	96	85
75	81	79	82	87	92	89	87	91	95	94	95	87.1
56	54.5	57.5	66	64	79	85	85	88	92	92	94	79.9
70	77	76	73	84	82	84.5	91	90	93	94	95	84.9
64	84	75	80	83	87	89	94	93	94	95	97	85.2
56	61	62	64	73	74	84	85	90	90	92	94	79.6
70	71	64	65	75	78	84	87	88	91	93	92	82.4
60	61	62	65	75	84	88	93	83	92	94	95	81.9
77	81	68	67	83	89	89	93	95	93	94	96	84.9
73	62	60	70	67	80	83	86	88	87	85	86	80.5
60	56	56	62	65	69	78	78.5	85	89	89	91	75
71	66	72	75	81	87	91	93	92	91	90	94	84.1
56	58	56.5	71	92	93	93	91	91	92	94	93	81.4
82	83	79	89	88	93	89	93	91	94	97	97	88.2
85	72	58	66	71	82	90	93	93	96	96	94.5	85.6
51	52	57	56	67	79	85	82	82	89	88.5	94	77.1
73	78	74	82.5	84	89	87	90	90	91	94	95	85.1
65	68	66	60	69	78	80	83	86	87	87	89	80.8
87	73	72.5	76	85	91.5	95	91	89	90	94	95	84.9
70	67	67	66	73	84	87	89	90	92	95	94	82.3
62	63	64.5	71	78	83.5	86	89	90	94	95	95	82
69	67	64	71.5	82	85	90	92	94	88	91	91	82.3
75.5	70.5	74	75	80	91	93	96	97	96	97	96	87.4
70	75	82	75	79	89	93	96	89	91	90	90	86.6
70	71	68	69	78	88	92	93	92	95	94	97	85.8
65	65	60.5	65	79	83	88	88	90	91	91	91	82.6
72	67	65	68	76	86	85	88	88	87	86	90	81.9
80	68	80	83	82	92	93	95	94	97	97	96	87.1
65	64	72	70	75	84	88	88	90	93	95	95	83.7
68	67	68	64	76	77	81	83	84	87	88	88	81.6
69	68.5	67.9	70.6	77.7	84.3	87.4	89.3	89.8	91.6	92.6	93.5	83.2

VAPOR PRESSURE (mm).

1p.	2p.	3p.	4p.	5p.	6p.	7p.	8p.	9p.	10p.	11p.	Midnight.	Mean.
22.3	23.6	22.8	22.7	22.1	20	19.3	19.5	19.5	18.8	18.8	18.8	21
21.8	22.2	22.3	22.4	23.4	22.5	21.1	20.2	20	20.4	19.8	19.4	20.4
19.2	18.8	19.2	19.3	17.3	18.3	18.9	18.5	18.2	18.3	18.2	17.9	19
20.5	21.7	21.6	21.5	22.6	20.7	20.8	21	20.4	20.2	19.6	19.5	19.7
20.5	23.5	23.2	23	23.3	22.3	21.5	21.2	20.5	20.5	20.3	20.3	20.4
19.8	21.9	20.8	20.7	21.1	19.7	20.7	20	20.3	20.2	20.3	20.3	20.2
21.1	21.9	21.2	20.2	20.4	20	20.3	20.5	20.3	20.7	20.9	20.7	20.4
21.6	20.5	20.3	20.5	21.2	21.1	21.1	20.7	19.1	19.7	19.2	18.9	20.7
22.3	23.2	20.5	19.4	21.4	21	20.1	19.9	19.6	19.2	19	19	19.9
19.5	18.2	18.6	19.7	17.3	18	17.6	17.6	17.9	17.6	17.7	17.6	18.5
18.9	18.7	18.8	17.6	17.1	17.1	17.9	17.9	18.3	18.3	18.4	18.4	18.2
21.4	20.3	20.4	20.7	20.7	20.5	20.1	19.8	19	18.4	18.3	18.3	19.6
19.2	18.8	19.1	20.1	22.1	21.5	21.2	20.6	20.4	20.3	20.3	20	19.4
22.8	23.6	22.5	22.8	22.7	22.5	21.8	21.7	20.8	20.7	20.6	20.3	21.2
21.6	21.5	18.3	19.8	18.4	18.4	18.7	18.6	18.2	18.1	17.8	17.3	19.5
17.8	17.7	17.9	16.9	17.6	18	18.6	18.5	18.2	18.2	17.8	17.8	17.9
21.9	22.8	21.4	21.2	21	20.3	19.1	18.9	18.3	17.9	17.9	18	19
20	21.4	19.8	17.7	17.8	17.7	17.3	17.1	17	16.7	16.9	16.7	17.8
20.5	20.3	20.8	21.1	21.7	20.9	20.5	20	19.3	18.7	18.4	18	18.5
19.9	21.1	20.9	20.3	19.6	19.5	18.5	18.5	18.1	17.7	17.7	17.8	18.4
19.2	20.2	20.8	21	20.7	20	19.6	19.6	19.1	18.9	18.5	18.2	18.4
21.2	20.8	20.3	21.5	22.5	21.6	22	21.7	21.6	20.3	19.9	19.4	19.8
22.2	21.7	23.5	23.5	23.1	23.2	22.7	22.5	21.9	20.9	20.7	20.8	21
22.3	22.4	23.5	22.1	21.6	22.5	22.4	22.4	20.2	20.2	20.4	19.9	21.1
21.9	22.7	22.8	21.8	22.4	21.9	21.6	21	20.4	20.3	19.8	19.7	20.7
20.8	20.5	20.1	20.7	21.9	20.9	20.7	20.4	20.3	20.1	20.3	20	19.7
21.8	21.6	21.3	22.1	21.6	21.9	21.3	21.1	21.1	20.3	19.8	20.2	20.4
23.6	22.4	23.2	23.9	22.4	21.4	20.8	20.5	20.1	20	19.8	19.6	20.6
19.8	19.9	20.4	20.5	20	20	20	19.8	19.5	19.4	19.3	19.1	19.6
20.3	19.9	19.4	19	18.6	17.2	16.9	16.9	16.6	16.6	16.7	16.5	18.5
20.9	21.1	20.9	20.8	20.8	20.4	20.1	19.9	19.5	19.3	19.1	18.9	19.6

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	A.-Cu. SE	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
2	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
3	A.-Cu.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
4	----------	S.-Cu.	Ci.	Cu.	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E
5	----------	S.-Cu.	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
6	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
7	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu. E
8	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
9	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
10	Ci.-S.	Cu.	Ci.	Cu. E	----------	Cu.-N. E	----------	Cu.-N. E	Ci.	Cu. E
11	----------	Cu. E	----------	Cu. E	Ci.	Cu.	----------	Cu. E	----------	Cu.
12	A.-Cu.	Cu.	A.-Cu.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
13	----------	Cu.	----------	Cu.	A.-Cu.	Cu.	A.-Cu.	Cu. E	Ci.	Cu. E
14	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E
15	----------	Cu. E	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E	----------	N.
16	----------	Cu. ENE	----------	Cu. EbyN	----------	Cu. EbyN	----------	Cu. ENE	----------	Cu. ENE
17	----------	Cu. ENE	----------	Cu. ENE	A.-Cu.	Cu. ENE	----------	Fr.-N. ENE	----------	Cu. ENE
18	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
19	----------	Cu.	Ci.-S.	Cu. E	A.-Cu.	Cu. E	----------	Cu. E	----------	N.-cf. E
20	----------	Cu. EbyN	----------	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu. E
21	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
22	A.-Cu.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E
23	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
24	Ci.	Cu.	Ci.	Cu. EbyN	Ci.	Cu. EbyN	----------	N.-cf. ENE	----------	N.-cf. ENE
25	A.-Cu. ENE	Cu.	A.-Cu. E	Cu.	----------	Cu. E	----------	Cu. E	----------	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
27	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
28	----------	Cu.	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.-N. ENE	----------	Cu. ENE
29	----------	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E	----------	Cu. E
30	----------	Cu.	----------	Cu.	----------	Cu. E	----------	N.-cf. E	----------	N.-cf. E

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	----------	Cu. E	----------	Cu. E	----------	Cu.-N. E	Ci.	Cu. E	Ci.	Cu.
2	----------	Cu.-N.	----------	Cu.-N. E	----------	Cu. E	A.-Cu.	Cu. E	----------	Cu. E
3	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	A.-Cu.	Cu.
4	Ci.-S.	Cu. E	----------	Cu. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E
5	----------	Cu. E	----------	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
6	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu. E
7	----------	Cu.-N. E	----------	Cu. ENE	Ci.	Cu. ENE	----------	Cu. ENE	Ci.	Cu. ENE
8	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu. E
9	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.	Ci.	Cu.
10	Ci.	Cu. E	A.-Cu.	Cu. E	Ci.	Cu.	A.-Cu.	Cu.	Ci.	Cu.
11	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	Ci.-Cu.	Cu. E
12	A.-Cu.	Cu.-N. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
13	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	N. E	----------	Cu. E
14	----------	Cu.-N.	----------	Cu. E	----------	Cu. E	----------	N. E	----------	N.
15	----------	N.-cf. ESE	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
16	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu. ENE	----------	Cu.
17	----------	Cu. ENE	----------	Cu. ENE	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	S.-Cu. ENE
18	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu.	----------	Cu.
19	----------	Fr.-N. E	----------	Cu. E	A.-Cu. E	Cu. E	----------	Cu. E	----------	Cu. E
20	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
21	----------	Cu. E	----------	Cu. E	----------	Cu.	A.-Cu.	Cu.	Ci.	Cu.
22	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.-S.	Cu. E	A.-Cu. NE	Cu.
23	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
24	----------	N.-cf. ENE	----------	N.-cf. ENE	----------	Cu. ENE	A.-Cu.	Cu.	A.-Cu.	Cu. ENE
25	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
26	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu.
27	----------	Cu.	----------	Cu. E	----------	Cu.-N.	----------	Cu. E	----------	Cu.
28	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
29	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
30	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	A.-Cu. NE	Cu.

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	ENE 0.5	ENE 0.5	Calm	Calm	ENE 1.5	Calm	Calm	Calm	NE 2	ENE 0.5	WNW 0.5	WNW 3.5
2	NNE 1	ENE .5	Calm	Calm	Calm	Calm	Calm	Calm	WbyS .5	WNW 1	WNW 2	WNW 1
3	Calm	Calm	N 1.5	N 2	NE 1.5	N 0.5	NE 0.5	NE 0.5	NNE 1	E 1.5	E 1.5	W 2
4	NNE 1	NE 1.5	NE 1	NE 1	ENE 1	Calm	Calm	N 2	NE 1.5	NE 2	WNW 3.5	WSW 2.5
5	NE 1.5	NNW 1	NE 1	NE 1	Calm	Calm	Calm	Calm	W 1	NW 1	NW 1.5	WNW 4.5
6	ENE 1	Calm	Calm	ENE .5	NE 1.5	NE .5	NE .5	ENE 1	ENE .5	WSW 1.5	ESE 1.5	ESE 5
7	NE 1	NE 1	ENE 1	ESE 1	Calm	Calm	Calm	Calm	NE .5	NE .5	WNW 1	NNE 2.5
8	Calm	Calm	NE .5	NE .5	ENE 2	Calm	Calm	NNW .5	NNW .5	NE 1	NW 3	WNW 1
9	Calm	ENE .5	NNW 1.5	N 2	N 1.5	NbyE .5	NNE .5	NNE 1.5	NNE 2	NNW 2	ENE 1	NNE .5
10	NE 1.5	NE 1.5	NE 2	NE 1.5	NNE 1.5	NE .5	NNE .5	NNE 2	NNE 2	NNE 4.5	N 3	NNE 3.5
11	NNE 1.5	NNE 1	ENE 1.5	NNE 5.5	NNE 3.5	NE 4	NNE 3	NNE 2	NE 2	NbyE 4	NNE 4.5	NNE 1.5
12	NNE 1.5	Calm	NNE 1	NE 1	NE 1	NNE .5	NNE .5	NNE 1.5	ENE 1	SSW 1.5	S 2.5	Calm
13	NNE 1.5	NE 1	NE 1.5	NNE 1.5	NE 1	NNE .5	NNE 1.5	N 1.5	ESE 1.5	WSW 1.5	ENE 3	EbyN 4.5
14	Calm	NNE 1	NNE 1.5	NNE 1.5	NNE 1.5	NNE .5	NNW .5	NW 1	NNW 1.5	NW 2.5	NW 3.5	W 2.5
15	ENE .5	NW .5	NNE 1	NE 1	Calm	NE .5	NE .5	NNE 1.5	NNW 3.5	N 4	NNE 3.5	Calm
16	NNE 1	Calm	N 1.5	NNE 1.5	NNW 1.5	NNE 1	N 1.5	NNE 1	NNE 2.5	N 1.5	NNE 2	ENE 1
17	ESE 1	Calm	N 1	NNE 1	N 2.5	NNW 1	NNE 2	NNE 1.5	NNE 1.5	NNE 1.5	NNW 2	NNE 1.5
18	Calm	ENE 1	ENE .5	ENE .5	Calm	Calm	Calm	NE .5	S .5	SW 1.5	WSW 4	WSW 2
19	E 1.5	NE 2	NE 1.5	ENE 1	N 2.5	NNE 1.5	NE 1.5	NE 1	N .5	E .5	NW .5	Calm
20	NNE .5	Calm	NNE 1	NNE 1	NNE 1.5	NNE .5	Calm	NE .5	Calm	WSW 1	N .5	WSW 1.5
21	ENE 1.5	NE 2	NE 1.5	NE 1.5	NNE 2	NE .5	NEbyE .5	NE .5	Calm	WSW .5	WbyN 3.5	WbyN 3.5
22	NE 1.5	NNE 1.5	NNE 2	N 2	N 2	NNE .5	N .5	N .5	N 1	W 3	W 3.5	W 2.5
23	NNW 1	NNE 1	E 1	E 1	E .5	ENE .5	Calm	Calm	SW 1	W 1.5	WNW 2.5	WbyS 3
24	NNW 1	Calm	N .5	Calm	Calm	Calm	ESE 1	ESE 2	E 2	ENE .5	WNW 3	W 3
25	NE .5	E .5	Calm	NE .5	NE .5	Calm	NE .5	Calm	S .5	W .5	WNW 1	NW 1
26	ESE 1	NE 1.5	NE 1	NE 1	NE 1	NE .5	NE .5	NE .5	Calm	SW 2	W 1	WSW 3
27	Calm	NW 1.5	NE 1	NNE .5	Calm	NNE .5	NNE 1.5	NNE 1	NNE 1	NNE 1.5	W 2.5	W 4.5
28	NNE 1.5	NNE 1.5	NE 1	NE .5	Calm	NE .5	NE .5	Calm	WNW 1	WSW 2.5	WNW 2	WNW 2
29	ENE 1	Calm	Calm	Calm	Calm	ENE .5	Calm	Calm	NNE 1.5	N 2.5	NE 1.5	NbyW 2
30	Calm	Calm	Calm	ENE 1	NNE 1.5	NNE .5	ENE .5	NE 1	NNE 1	N .5	SW 1	N .5
Mean	0.8	0.8	1	1.1	1.1	0.5	0.6	0.8	1.2	1.7	2.2	2.2

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
1	WbyS 3.5	WSW 2.5	SSW 1.5	Calm	E 1	E 3	E 1.5	ENE 1.5	NE 1.5	ENE 1	Calm	NNE 1	1.1
2	WbyS 1.5	NNW .5	Calm	WNW 2	Calm	Calm	NE 1	NE 1.5	NE 1	ENE .5	Calm	Calm	.6
3	ESE 1.5	E 4.5	EbyS 5	E 2	E 3	NE 1	NE 1.5	E 1.5	E 1.5	ENE 1	NNE 1.5	NNW .5	1.5
4	WNW 1	NNW .5	NW 1	SW .5	Calm	E 1	NE .5	ENE .5	Calm	Calm	NNE .5	NNE .5	1
5	WNW 4.5	SE .5	SW .5	SW .5	ENE .5	ENE 1.5	NE .5	Calm	Calm	NNE 1	Calm	Calm	.9
6	ESE 4.5	ESE 4	SE 2.5	ENE 2	E 1	E 4	ENE 1	NNE .5	Calm	E 1.5	Calm	Calm	1.4
7	NNE 3.5	NE .5	ENE .5	NE 1	NE .5	NE .5	NE .5	E .5	Calm	ENE .5	Calm	NE .5	.7
8	ESE 4	ESE 6	ESE 4.5	ENE 2.5	ESE 1	Calm	Calm	NNE .5	ENE 1.5	Calm	Calm	Calm	1.2
9	WSW .5	NNW 2	NE 2	NE 2	NE .5	NE .5	Calm	NNE .5	N 1.5	NNE 1.5	NE 1.5	NE 1.5	1.1
10	ENE 2.5	NE 7.5	NNE 7	ENE 2	NE 2.5	NE 1	Caim	Calm	Calm	Calm	NNE 1	NNE 1	2
11	NNE 3.5	NNE 2	ENE 1.5	NE 3.5	NNE 3	NNE 2	NNE .5	Calm	NNE 1.5	NNE 1.5	NNE 1	NNE 1	2.3
12	NE 1	NE 3	ENE 1.5	NE .5	NNE .5	NE .5	Calm	E 1	E 1.5	NE 1.5	NE 1.5	NE 1.5	1.1
13	E 5.5	ENE 4.5	E 2.5	E 4	E .5	ENE .5	E 1	Calm	N .5	NNW .5	NNE .5	NNE .5	1.7
14	WSW 2	SW 2	SW 2.5	Calm	Calm	Calm	Calm	NW 1.5	NNE 2.5	N 1.5	NNE 1	NE .5	1.3
15	Calm	NE .5	ENE 2.5	ENE 2.5	ENE 2	ENE 1.5	N 1	N 1	ENE 1.5	E .5	ENE 1	E .5	1.3
16	E 2	EbyS 8.5	ESE 4	EbyN 5	EbyN 2.5	Calm	Calm	NE 1.5	NE 2	NNE 2	NNE 1.5	NE .5	1.9
17	NNW 3.5	Calm	E 2	SE 2	E .5	E .5	ENE 1.5	ESE 1.5	ESE 1	ESE 1.5	ESE 1.5	NNW 1	1.4
18	WSW 4	WSW 2.5	EbyN 4.5	ENE 3.5	E 2.5	E 1	ENE 1	ENE 1.5	E 1.5	E 1	ESE 2	ESE 1.5	1.5
19	ESE .5	NNW 3	NW 4	NNW 1	WNW .5	Calm	Calm	ESE 1	E 1	ESE 1.5	SE 1.5	NNE 1.5	1.2
20	W 3	WbyS 3	WSW 3.5	ESE 4	E 1	E 1	E 1	ESE 1.5	ENE 1.5	E 1.5	E 1.5	E 1.5	1.3
21	WNW 3.5	WSW 4	WSW 1.5	SW .5	SE 2.5	ESE 2	SE 2	SE 2	SE 2	ENE 1	E 1	E 1	1.6
22	WSW 1.5	WbyS 4	W 3	WSW 1	Calm	SE 1	ESE 1	Calm	Calm	NNW 1.5	NNW .5	Calm	1.4
23	WNW 4.5	W 1.5	WNW 2.5	NW 2	NE .5	Calm	Calm	SW 1	SE 1.5	Calm	NE 1	N 1.5	1.2
24	W 2.5	NW 1.5	Calm	W 1	Calm	SE 1.5	SE 2	ESE 1.5	Calm	E 1	Calm	Calm	1
25	W 2.5	WSW 3	WSW .5	SE .5	SE .5	E .5	ESE 1	SE 1.5	SE 1.5	ESE 1.5	SE 1.5	SE 1	.9
26	WNW 2.5	NW 1.5	WNW 1.5	WNW 1	NW .5	NW .5	Calm	NW .5	Calm	NE 1	Calm	Calm	.9
27	W 2.5	W 3	WNW 1.5	WSW .5	ENE 2	ENE .5	ENE 1	Calm	Calm	NNE 1	NNE 1	NNE 1.5	1.2
28	NE .5	Calm	W .5	Calm	ESE .5	E .5	E 1.5	E 1.5	ENE 1.5	E 1	E 1.5	NNE 1	1
29	NE 2	NE .5	NE 1	NE 1.5	ENE 1.5	NE .5	NE .5	NE 1.5	ENE 1.5	ENE 1	NE .5	Calm	.9
30	NNE 2	ENE 1.5	EbyS .5	Calm	ENE 1	ESE 1	Calm	E 1.5	ENE 1.5	E 1.5	E 1.5	ENE 1.5	.9
Mean	2.5	2.6	2.2	1.6	1.1	0.9	0.7	1	1	1	0.9	0.8	1.2

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	11-Noon.
1	0.5	0.5	0	0	0	0.5	0	0	0	4	6	12
2	1	1	1	.5	.5	1	0	.5	2	7	8.5	9
3	.5	0	0	2	4	1.5	2	1.5	1	3	5.5	7.5
4	1.5	3.5	3	3	2.5	.5	.5	2	4.5	7	4	9
5	0	.5	.5	.5	2.5	.5	0	0	.5	3	11	16
6	1	0	.5	.5	2.5	3	4	4	1	5.5	6.5	9.5
7	1.5	1.5	2.5	2.5	0	.5	1	.5	2.5	3.5	5	11
8	1	0	0	.5	3.5	1	3	5	2	5	8	10
9	1	.5	2.5	5	5	4	2	3.5	11.5	7	9.5	5.5
10	4.5	5	5.5	6.5	5.5	7.5	6	5	4	11.5	15.5	13
11	4	3.5	4	12.5	16	15	15	14.5	12.5	8	13	12
12	0	0	.5	.5	0	0	5.5	2.5	5	5	7	6.5
13	1	4.5	3	5.5	4	6.5	5	1	4	2	9	17.5
14	.5	2.5	5	5	5.5	5.5	6	3.5	4.5	9	22.5	12.5
15	0	0	3.5	2	3.5	6.5	5	6	8.5	8.5	13.5	10
16	3.5	0	2	5	7	6.5	7.5	6.5	7.5	10.5	9.5	12
17	1.5	1	.5	2.5	5	8	5.5	6.5	3	6	11	6.5
18	2	2	3	1	1	4	0	3	2.5	5.5	11.5	11.5
19	3	5	5	4	5.5	8	8.5	8	4	3	6	4
20	1.5	.5	2	3.5	5	4	3	0	2	4	7	9
21	6	4	6	5.5	6.5	5	4	4.5	.5	4	12.5	14.5
22	4	4	4.5	6.5	6	6.5	3	4	6.5	9	11	13
23	1	1.5	2	.5	1.5	1.5	2	0	3	8	11	13
24	4	2	.5	0	1.5	.5	3	3	6	4	9	11
25	1	2	2.5	1.5	2	1.5	.5	1.5	2.5	4.5	9.5	8
26	4	3.5	4	4	4.5	4.5	4	4	.5	5.5	12	13
27	.5	1.5	2	.5	1	1.5	4.5	8	10	11	7	12.5
28	3.5	6	3	1	1	2.5	2	.5	2	8	11	15
29	2.5	2.5	1	2	2	2	.5	.5	6	6	6	9
30	.5	0	.5	.5	2	2	2.5	3	4.5	5	2.5	3
Mean	1.9	2	2.3	2.8	3.6	3.7	3.5	3.4	4.1	6.1	9.4	10.5

AMOUNT OF CLOUDS (0-10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	2	2	1	2	2	2	4	5	6	4	2	1	2.8	8 35
2	2	3	4	7	8	8	9	9	7	4	7	7	6.2	6 20
3	2	4	3	4	6	5	3	3	4	1	3	1	3.2	9 35
4	6	9	5	6	10	9	9	4	8	4	7	8	7.1	5 50
5	2	1	1	2	2	5	7	9	5	4	4	3	3.8	9 05
6	3	7	5	5	3	4	3	3	8	3	3	1	4	9 30
7	7	8	8	9	8	5	7	4	4	2	3	5	5.8	6 40
8	4	3	2	4	5	4	7	3	8	2	7	1	4.2	8 40
9	2	2	3	3	7	7	9	5	8	2	2	1	4.2	6 25
10	3	5	5	9	7	8	5	5	4	3	4	2	5	7 10
11	4	2	4	3	5	4	5	4	3	4	5	3	3.8	8 25
12	8	5	6	6	7	4	8	9	8	5	2	1	5.8	5 40
13	3	2	2	1	3	5	4	4	6	9	6	4	4.1	8 05
14	6	8	8	7	9	8	10	10	10	10	10	10	8.8	3 15
15	6	3	2	10	10	10	9	3	2	1	1	1	4.8	5 10
16	2	5	4	2	5	3	4	4	3	4	1	0	3.1	7 45
17	3	8	9	7	9	7	4	5	8	8	6	3	6.4	3 35
18	1	1	1	1	1	2	3	5	5	1	0	0	1.8	9 15
19	1	1	8	6	9	10	10	5	7	4	3	4	5.7	5 35
20	6	4	3	5	5	4	4	4	3	4	2	2	3.8	9 05
21	2	3	2	0	2	3	3	3	3	3	1	0	2.1	9 10
22	8	2	1	1	3	4	4	8	8	7	7	7	5	7 35
23	2	1	3	5	4	4	4	4	5	6	6	7	4.2	8 20
24	3	7	6	6	7	8	5	8	8	8	8	9	6.9	5 20
25	8	9	8	6	8	5	4	5	6	5	4	3	5.9	6 20
26	3	0	1	1	1	1	2	1	1	1	1	1	1.2	7 55
27	3	0	1	1	4	5	2	3	3	4	4	2	2.7	8 05
28	3	2	4	6	7	5	8	4	7	3	2	3	4.5	6 25
29	5	4	6	4	6	6	8	6	5	2	3	2	4.8	4 20
30	4	1	4	7	9	10	8	7	7	6	4	0	5.6	3 25
Total														210 35
Mean	3.8	3.7	4	4.5	5.7	5.5	5.7	5.1	5.7	4.1	3.9	3.1	4.6	7 01

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon-1 p.	1-2 p.	2-3 p.	3-4 p.	4-5 p.	5-6 p.	6-7 p.	7-8 p.	8-9 p.	9-10 p.	10-11 p.	11-mdt.	Mean.
15.5	10	6.5	3.5	2.5	6.5	6.5	5.5	3.5	5	1	1	3.8
8	7	4	5	2	1	0	6	3	1	1	.5	2.9
11	12	13	14	14	8.5	5.5	5	3	3.5	4.5	1	5.1
7.5	9	8.5	5	4	2.5	2.5	2.5	0	0	.5	0	3.5
16	7.5	3.5	3.5	1.5	4	3.5	0	1	2.5	1	1.5	3.4
16.5	16	17.5	12.5	9	11	4	3.5	.5	1	2.5	0	5.5
13.5	8	8	9	5	4	2	1.5	.5	.5	1	1.5	3.6
12	17.5	15.5	13	7.5	3	2.5	.5	4.5	1	1	1	4.9
7	5.5	9.5	12	5	3	3	2	3	3	3.5	5	4.9
18.5	22.5	25	17	12	4	1	.5	0	.5	.5	1.5	8
14	15	13	16	18	11	6	1	3.5	0	0	1 5	9.5
5.5	9	13.5	12	10	4.5	3	2	3	4	4.5	2	4.4
21.5	17	16	12.5	12.5	3	.5	1.5	1.5	2	3.5	1	6.5
11.5	12.5	11	5	3	.5	4	2.5	6.5	2.5	3	2.5	6.1
6	1.5	8	15.5	1435	11	3.5	3.5	4	3.5	.5	1.5	5.8
10	16	13	13	14	7	1.5	3	5	5.5	4	1.5	7.1
11	9.5	3.5	13	8	5.5	4.5	5.5	5	3	5	2	5.5
14.5	13.5	8	12	10	5.5	4	4.5	3.5	3.5	6.5	5.5	5.8
5.5	7.5	14	10	1	1	.5	2.5	3.5	2.5	4.5	4	5
13	13	11	8	10	7	5	5	4	5	4.5	4.5	5.5
15	15.5	8.5	6	8.5	10.5	8	11	6	5	4.5	3.5	7.3
14	15.5	8.5	6	2	2	3	1.5	0	2.5	2	0	5.6
12	13	11	7	5	.5	.5	1	3	2	1	1.5	4.3
10	11	5.5	2.5	2.5	6	7	7	2.5	3.5	2.5	2	4.4
11	12	7	4	6	4	5.5	5.5	5	7	4.5	5	4.7
9	9.5	10.5	7.5	1.5	3	1	3	2	1	.5	1	4.7
15.5	13	11	7	4	2	3	.5	.5	4	4	4.5	5.4
8	4	7	3.5	4	6	6.5	6	5	5	4	4	4.9
5	6	9	8	11.5	4.5	4.5	4	3	3	2.5	.5	4.2
9.5	10	4.5	4	5.5	5	3.5	3.5	5	4	3	5	3.7
11.6	11.3	10.2	8.9	7.1	4.9	3.5	3.4	3	2.9	2.7	2.2	5.2

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm*	*mm.*
1	------	1	2	6	------	------	------	------	------	1	------	1	1	2	------	------	7	90.5	3.1	------
2	------	1	3	2	3	------	------	------	------	------	------	------	2	4	------	1	11	70.5	2.3	------
3	3	2	5	1	7	2	------	------	------	------	------	------	1	------	------	1	2	123.5	3.9	------
4	1	4	5	2	1	------	------	------	------	------	1	1	------	2	1	1	5	83	2.4	------
5	------	1	4	2	------	------	1	------	------	------	2	------	1	2	2	1	8	80.5	2.5	0.6
6	------	1	3	6	3	4	1	------	------	------	------	1	------	------	------	------	5	132	4.1	------
7	------	2	10	3	1	1	------	------	------	------	------	------	------	1	------	------	6	86.5	2.4	1.5
8	------	1	3	3	------	4	------	------	------	------	------	------	------	1	1	2	9	118	3.4	------
9	3	7	6	2	------	------	------	------	------	------	------	1	------	------	------	3	2	118.5	3.2	.3
10	1	9	8	2	------	------	------	------	------	------	------	------	------	------	------	------	4	192.5	3.8	1.3
11	------	18	3	2	------	------	------	------	------	------	------	------	------	------	------	------	1	229	3.9	------
12	------	6	9	2	2	------	------	------	1	1	------	------	------	------	------	------	3	105.5	2.4	------
13	2	5	3	4	6	1	------	------	------	------	------	1	------	------	------	1	1	155.5	2.8	.4
14	1	7	1	------	------	------	------	------	------	------	2	1	1	------	4	2	5	146.5	1.5	1
15	3	3	4	7	2	------	------	------	------	------	------	------	------	------	1	1	3	140	2.2	4.5
16	3	8	3	1	3	2	------	------	------	------	------	------	------	------	------	1	3	171	4.2	------
17	2	6	------	1	3	5	1	------	------	------	------	------	------	------	------	4	2	132.5	1.6	.9
18	------	------	1	6	5	2	------	------	1	------	1	4	------	------	------	------	4	138	3.9	------
19	2	2	4	1	3	3	1	------	------	------	------	------	------	1	2	2	3	120.5	1.5	.8
20	1	5	1	1	5	3	------	------	------	------	------	3	2	------	------	------	3	131.5	3.5	------
21	------	1	5	3	2	1	4	------	------	------	1	3	------	3	------	------	1	175	3.8	------
22	5	3	1	------	------	1	1	------	------	------	------	2	5	------	------	2	4	135	3.4	------
23	1	1	2	1	3	------	1	------	------	------	2	------	3	3	1	1	5	102.5	2.8	------
24	1	------	------	1	2	3	2	------	------	------	------	------	3	1	1	1	9	106.5	2.4	------
25	------	------	4	------	2	2	6	------	1	------	------	2	2	1	1	------	3	113.5	3.6	------
26	------	------	8	------	------	1	------	------	------	------	1	1	1	3	4	------	5	113	2.9	------
27	------	9	1	3	------	------	------	------	------	------	------	1	4	1	1	------	4	129	3	------
28	------	3	5	1	5	1	------	------	------	------	------	1	1	3	------	------	4	118.5	2.3	.5
29	2	1	9	5	------	------	------	------	------	------	------	------	------	------	------	------	7	101.5	2.4	------
30	2	4	1	6	3	2	------	------	------	------	1	------	------	------	------	------	5	88.5	2.8	------
Total	33	111	114	74	61	38	18	0	3	2	11	23	27	28	19	24	134	3,748.5	88	11.8
Mean	1.1	3.7	3.8	2.5	2	1.3	0.6	0	0.1	0.1	0.4	0.8	0.9	0.9	0.6	0.8	4.5	125	2.9	0.4

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		°*C.*		*Per cent.*	*mm.*	*mm.*		°*C.*		*Per cent.*	*mm.*
1	761.43	9.00a.	31.5	2.25p.	97	23.6	758.58	4.00p.	21.8	11.55p.	70	18.8
2	60.95	9.20a.	30.7	1.20p.	96	23.4	58.35	2.40p.	20.8	5.45a.	68	18
3	61.55	8.40a.	32.2	2.25p.	96	21.6	**58.25**	3.55p.	21.4	5.45a.	54.5	17.3
4	**60.90**	9.10a.	30.4	2.35p.	96	22.6	58.60	3.45p.	20.2	5.45a.	69	17.2
5	61.20	9.45a.	31.4	0.45p.	97	23.5	58.94	3.00p.	21.2	5.45a.	63	18.1
6	61.45	10.00p.	**33**	1.35p.	96	21.9	58.55	2.50p.	22	6.05a.	56	18.9
7	61.77	8.00a.	31.7	3.10p.	96	21.9	59.10	3.50p.	21.9	5.45a.	64	19.4
8	62.10	9.00a.	32.5	0.55p.	96	22.3	59.52	3.00p.	22.1	11.55p.	60	18.9
9	62.65	8.35a.	30.9	11.45a.	96	23.2	59.90	3.35p.	21.2	3.05a.	67	18.1
10	63.09	10.00a.	30.8	2.20p.	95	20.9	**60.25**	3.25p.	21.3	6.05a.	60	17.3
11	63.05	8.45a.	31.6	2.25p.	**91**	19.8	59	2.45p.	22.2	11.55p.	56	17.1
12	62.55	8.50a.	30.6	2.10p.	94	21.9	59.75	2.15p.	21.6	2.40a.	66	18.2
13	**63.25**	8.55a.	32.7	0.50p.	94	22.1	59.78	3.00p.	20.5	5.35a.	52	17.2
14	63	9.10a.	29.9	10.05a.	**97**	23.6	59.95	2.45p.	**22.8**	1.55a.	**73**	**19.6**
15	62.75	8.35a.	30.6	2.35p.	96.5	21.6	59.70	3.20p.	20.7	11.55p.	58	17.3
16	62.55	**9.05a.**	32.2	1.05p.	97	**19.7**	59.05	3.05p.	20.2	1.55a.	**51**	16.6
17	61.80	9.15a.	30.7	2.40p.	95	22.8	59.30	2.45p.	20.5	3.40a.	64	16.8
18	62.05	8.35a.	30.6	2.10p.	**99**	21.4	59.25	3.00p.	19	5.55a.	60	16.2
19	61.80	9.10a.	**28.9**	3.05p.	95	21.7	59.29	3.00p.	18.8	4.40a.	68	**15.3**
20	62.75	8.45a.	31	3.45p.	96	21.1	59.65	4.20p.	19.4	5.45a.	62	16.4
21	62.10	9.15p.	31.2	3.40p.	96	21	58.85	3.50p.	**18.7**	6.10a.	62	15.4
22	61.70	8.30a.	30.7	2.35p.	95	22.5	58.65	2.45p.	20.8	2.10a.	64	17.4
23	61.55	8.40a.	31.2	3.45p.	97	23.5	58.55	2.25p.	21.3	6.05a.	70.5	18.3
24	61.75	9.00a.	31.2	3.15p.	97	23.5	58.85	3.10p.	21.9	6.25a.	68	19
25	61.80	9.25a.	31.8	2.50p.	97	22.8	58.35	3.30p.	21.8	6.15a.	68	18.8
26	61.50	8.45a.	31.4	2.35p.	96	21.9	58.51	4.00p.	20.8	5.55a.	60.5	17.4
27	62.20	8.45a.	31.5	3.50p.	96	22.1	58.50	3.20p.	21.4	5.50a.	65	18.3
28	61.65	8.55a.	32	2.25p.	97	**23.9**	58.55	2.45p.	21.3	6.35a.	68	18.2
29	62.15	9.25a.	31.2	0.50p.	98	20.5	59.55	3.15p.	21.3	6.15a.	62	18.4
30	62.20	8.25a.	30.5	1.10p.	97	21.1	59.55	3.40p.	20.7	5.50a.	64	16.5
Mean	762.04	-------	31.2	-------	96	22.1	759.09	-------	21	-------	63.1	17.7

DAILY GENERAL REMARKS.

1____d, ☊, ≡° early in the morning.
2____☊ early in the morning; p° at 1.37 p.m.
3____☊ early in the morning.
4____☊° early in the morning.
5____☊° early in the morning; p° at 1.30 p.m.
6____Cloudy weather.
7____d° in the morning; p in the afternoon.
8____d early in the morning.
9____≡° in the morning; d° in the afternoon.
10____≡°, ● in the morning; d in the afternoon.
11____Cloudy weather.
12____d° 11.40 a.m.
13____d^3 in the afternoon.
14____d in the afternoon.
15____● in the morning and afternoon.
16____Somewhat gusty Ely winds in the afternoon.
17____●° in the morning; p in the afternoon.
18____☊ early in the morning; ≡° in the morning.
19____d° in the forenoon; ●° in the afternoon.
20____☊ early in the morning; ≡° in the morning.
21____☊ early in the morning; ≡° in the morning.
22____Cloudy weather.
23____≡° in the morning; ⊤ E at 2.23 p.m.
24____≡° in the morning; d° at noon.
25____Cloudy weather.
26____Fair weather.
27____As yesterday.
28____d in the morning and afternoon.
29____Cloudy weather.
30____As yesterday.

OBSERVATIONS FOR DECEMBER, 1918.

ATMOSPHERIC PRESSURE, 700mm+.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	61.55	61.20	60.90	60.95	60.95	61.05	61.67	62.05	**62.23**	62	61.63	60.68
2	60.95	60.60	60.65	60.50	60.75	61.11	61.44	62.10	**62.18**	61.84	61.32	60.43
3	60.90	60.60	60.45	60.50	60.70	61.06	61.50	62.04	**62.25**	62.15	61.60	60.87
4	60.95	60.50	60.45	60.55	60.95	61.07	61.32	61.83	**61.91**	61.86	61.59	60.93
5	60.85	60.45	60.45	60.40	60.60	60.86	61.21	61.45	61.66	61.57	61.18	60.71
6	62.30	62.10	62	61.95	62	62.21	62.40	63.15	**63.84**	63.24	62.84	62.25
7	62.75	62.20	62.20	62.25	62.40	62.81	63.02	63.57	**63.65**	63.30	62.82	62.22
8	61.75	61.45	61.45	61.60	61.80	62.12	62.66	63.39	**63.71**	63.53	63.05	62.48
9	62.05	61.60	61.45	61.30	61.55	61.86	62.13	**62.76**	62.68	62.37	61.88	61.02
10	61.20	61	61.20	61.30	61.70	61.90	62.73	**62.91**	62.83	62.48	61.93	61.25
11	60.35	60.05	60.05	60.30	60.30	60.63	61.17	**61.42**	61.41	61.14	60.60	60.15
12	60.15	59.70	59.40	59.70	60	60.13	60.64	61.22	**61.34**	61.13	60.59	60.13
13	59.65	59.25	59.35	59.75	59.95	60.21	60.94	61.18	**61.28**	61.04	60.53	59.83
14	60.65	60.35	60.10	60.25	60.30	60.60	61.13	61.33	**61.39**	61.04	60.72	59.99
15	60.60	60.35	60.20	60.15	60.30	60.65	61.14	61.85	**61.90**	61.70	61.47	60.90
16	61.45	61.10	60.70	60.50	60.60	60.94	61.40	61.95	62.10	62.04	62.08	61.44
17	62	61.60	61.40	61.55	61.75	62.03	62.34	62.76	**62.89**	62.55	62.03	61.25
18	61.85	61.70	61.40	61.70	61.95	62.15	62.85	**63.31**	63.30	63.07	62.32	61.57
19	62.10	61.90	61.85	61.95	62	62.25	62.69	63.24	**63.33**	63.12	62.75	62.13
20	62.70	62.50	62.40	62.25	62.30	62.51	62.85	**63.05**	63	62.48	62.04	61.39
21	61.60	61.45	61.35	61.35	61.50	61.66	62.01	**62.40**	62.28	61.88	61.48	60.81
22	60.65	60.45	60.15	60.35	60.75	61.02	61.39	61.77	**62**	61.75	61.36	60.72
23	60.10	59.80	59.60	59.70	59.80	60.19	60.72	61.35	**61.56**	61.54	61	60.31
24	60.20	59.95	59.65	59.65	59.80	60.22	60.79	61.32	**61.51**	61.10	60.85	60.26
25	59.40	58.90	58.55	58.60	58.70	58.77	58.91	59.72	**59.75**	59.34	58.30	57.56
26	56.05	55.65	**55.30**	55.65	55.85	56.46	57.09	57.57	57.85	58.15	58.10	57.65
27	58.75	58.20	58.10	58.10	58.35	58.65	59.15	59.73	60.11	60.10	59.83	59.29
28	60.85	60.35	59.95	59.95	60.15	60.36	61.06	61.75	**62.20**	62.07	61.55	61.12
29	60.85	60.50	60.35	60.45	60.50	60.77	61.34	**61.91**	61.89	61.57	61.38	60.92
30	61	60.80	60.70	60.90	61.30	61.40	61.81	62.59	**62.65**	62.52	61.80	61.32
31	61.60	61.30	61.10	61.20	61.45	61.80	62.30	63.14	**63.30**	63.10	62.99	62.32
Mean	60.90	60.57	60.41	60.49	60.68	60.95	61.41	61.93	**62.05**	61.83	61.41	60.77

TEMPERATURE (°C.).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	20.3	20	19.7	19.3	19.3	**19**	20	24	26.6	28.4	28.5	29.5
2	20.5	**20.2**	20.4	20.8	21.3	20.9	21	23.7	26.9	27.8	28.2	29.1
3	22.7	22.3	22.4	22.6	22.5	22.5	23.8	24.7	25.8	27.7	28.7	29.8
4	20.6	20.4	20.6	20.2	19.9	**19.5**	20.6	23	25.1	26.2	27.7	28
5	22.3	22.3	21.9	21.5	21.4	**21.1**	21.3	26	27.4	28.5	29.2	**30.5**
6	20.9	20.6	20.2	**19.6**	19.8	20.2	21.4	23.4	26.6	27.8	28.3	28.1
7	20.6	20	20	19.8	19.8	**19.5**	20.4	22.7	26.5	28.3	27	27.5
8	20.7	20.1	20.1	20.3	19.5	**19**	20.7	23.2	25.5	27	28.2	27.7
9	21.7	21.1	21.2	20.6	20	**19.9**	20.2	**24**	27.6	27.8	27.8	28
10	21.9	21.8	22	21.9	21.3	21.1	21.3	23.6	27.2	27.7	26.7	29
11	19.7	19.4	18.9	18.8	**18.4**	18.8	19	23.5	27.2	28.1	28	27.9
12	21.2	20.5	20.5	20.1	**20**	20.3	20.6	23.7	26.6	28.2	29.7	28.2
13	23.3	22.5	22.6	**22.3**	**22.3**	22.5	23.1	25.9	28.1	27.8	28.7	**29.4**
14	22.2	21.9	21.6	21.5	21.3	**20.9**	21.7	25.3	27.9	29.1	29.2	29.9
15	22.2	21.7	21.7	21.7	21.6	22	22.7	25.6	27.9	27.4	29.1	27.5
16	20.3	19.8	19.6	19.4	19.4	**19.3**	19.7	**23.7**	28.1	28.2	25.7	28
17	21.1	20.8	20.2	20.1	**19.5**	**19.5**	19.8	23.4	27.1	29	29.3	30.2
18	20.1	20.1	20	19.7	19.6	**19.4**	20	22.4	26.6	29.2	30	30.8
19	20.9	20.5	20.3	20.3	**19.9**	20.5	21	**24**	27.2	27.8	28	28.6
20	21	21.3	20.8	21	21.1	**20.7**	21.4	23.6	27.6	28.3	29.2	29.1
21	23.6	23	23.2	22.2	21.7	21.5	21.6	24	27.6	29	**29.2**	28.4
22	20.7	20.1	20.3	20.4	20.4	**20.5**	21	22.4	23.8	27.7	28	28.5
23	20.2	19.7	19.5	19.8	19.2	18.7	**18.6**	21.3	25.3	27	26.9	27.6
24	19.2	18.8	18.1	18.2	18.1	**17.9**	18.3	**21.5**	**24.5**	26.3	26.1	27.1
25	20.7	20.7	21.3	**20.6**	21.4	22.3	22.5	23.4	27.1	27.8	27.5	26.7
26	24.1	24.1	23.9	23.8	23.9	24	24	24.2	24.1	24.5	23.9	24.2
27	22.5	22.4	22.3	**21.8**	22.6	22.9	24.1	**26.1**	28.1	29.5	30.8	30.7
28	23.2	22.9	22.3	21.6	**21.4**	**21.4**	21.9	25.3	25.6	27.5	**28.2**	27.4
29	23.9	23.9	24	23.9	24	23.4	23.7	**24.9**	27.9	29.5	28.8	**30.5**
30	23.5	23.5	23.7	23.6	22.8	**21.5**	22.1	25.1	27.4	29.2	29.1	28.1
31	23.7	23.5	23.4	23.2	23.1	23.2	23.2	24.6	26.1	28.5	26.6	28.1
Mean	21.6	21.3	21.2	21	20.9	**20.8**	21.3	23.9	26.7	28	28.1	28.5

ATMOSPHERIC PRESSURE, 700mm+.

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
59.95	59.43	59.05	**59.03**	59.50	60.03	60.60	61.10	61.25	61.25	61.20	61.15	60.85
59.63	59.40	**59.02**	59.12	59.73	60.38	60.95	61.15	61.40	61.55	**61.35**	61.20	60.78
60.02	59.24	**58.89**	58.97	59.34	59.65	60.06	60.50	61.05	61.25	61.25	61.10	60.66
59.55	**58.86**	58.96	59.59	59.84	60.52	60.93	61.35	61.35	61.30	61.25	61.10	60.77
60.07	**60**	60.05	60.32	60.64	60.93	61.59	61.80	62.35	62.50	62.45	**62.60**	61.11
61.40	60.87	**60.63**	60.77	61.14	61.50	62.03	62.60	62.85	63	63	62.85	**62.18**
61.44	60.79	**60.54**	60.73	60.90	61.32	61.60	62.10	62.25	62.15	61.95	61.85	62.12
61.68	60.98	**60.83**	60.97	61.44	61.94	62.25	62.50	62.90	62.75	62.60	62.45	**62.18**
60.38	59.65	**59.52**	59.73	60.20	60.80	61.07	61.30	61.50	61.35	61.35	61.20	61.28
60.15	59.64	**59.42**	59.67	60	**60.15**	60.64	60.90	60.95	61.05	61	60.85	61.12
59.44	59.05	**58.80**	58.99	59.39	59.89	60.49	60.70	60.95	60.90	60.70	60.40	60.30
59.40	58.74	**58.49**	58.74	59.30	59.75	60.18	60.55	60.65	**60.45**	60.15	**59.95**	60.02
59.32	59.39	**59.10**	59.45	59.78	60.24	60.64	60.85	61	61.05	61.10	60.75	60.23
59.20	58.49	**58.07**	58.62	59.22	59.67	60.05	60.25	60.55	60.70	60.85	60.80	60.18
60.27	59.60	59.45	**59.42**	60.02	60.23	60.70	61.15	**61.35**	61.35	61.60	61.55	60.75
60.82	60.25	**59.74**	**59.74**	60.28	60.79	61.19	61.65	61.90	62	**62.15**	62.10	61.20
60.59	59.85	**59.64**	59.68	60.05	60.49	60.87	61.45	61.75	61.80	62.15	62	61.44
60.73	60.16	**59.94**	60.09	60.48	60.70	61.22	61.65	62	62	62.20	62.20	61.69
61.42	60.77	**60.63**	60.76	61.38	61.74	62.12	62.60	62.65	62.75	62.75	62.85	62.16
60.53	59.97	**59.96**	60.34	60.88	61.41	61.74	61.95	62.05	62.15	62	61.65	61.84
59.97	59.39	**59.32**	59.42	60.07	60.18	60.64	60.95	61.05	61.20	60.95	60.75	60.99
59.89	59.11	**58.93**	59.01	59.25	59.59	59.80	60.30	60.40	60.25	60.20	60.15	60.38
59.55	59.08	58.88	**58.82**	59.19	59.55	59.94	60.35	60.60	60.45	60.30	60.20	60.11
59.04	58.25	**57.94**	58.24	58.56	58.98	59.42	59.90	60.30	60.15	59.90	59.90	59.83
56.79	55.72	55.35	**55.34**	55.71	55.90	56.25	56.05	55.90	56	56.35	56.45	**57.43**
57.34	56.74	56.41	56.69	57.28	57.96	58.60	58.90	59.25	**59.40**	59.15	59.35	57.44
58.87	58.03	**57.54**	58.10	58.68	59.15	59.74	60.40	60.80	**61.20**	61.15	61.15	59.30
60.58	59.53	**59.03**	59.04	59.25	59.63	60.34	60.80	61	61.05	61.10	61.10	60.58
60.33	59.54	59.33	**59.09**	59.43	59.70	60.15	60.70	60.85	61.05	61.10	61.05	60.61
60.37	59.92	**59.69**	59.92	60.04	60.39	60.90	61.50	61.90	62.20	61.85	61.80	61.22
61.33	60.70	**59.90**	60.12	60.49	60.74	61.20	61.60	61.95	62.15	62.05	61.95	61.66
60	59.39	**59.13**	59.31	59.72	60.13	60.58	60.95	61.18	61.24	61.20	61.11	60.72

TEMPERATURE (°C.).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight.	Mean.
29	29.9	**30.7**	28.9	27.1	25.1	23.7	22.7	22.1	21.4	**21.2**	21.1	24.1
28.1	29.3	**29.9**	28.7	27.3	25.9	**25.4**	24.3	23.4	23.3	22.6	22.5	24.6
29.4	**30.5**	29.9	29	26.6	24.5	23.8	22.9	22	21.4	21	**20.6**	24.9
29.2	**29.9**	28.6	27.6	26.2	24.2	23.1	22.7	22.3	21.8	21.8	21.9	23.8
29.9	29.8	29.8	28.2	27	25.4	23.6	22.9	22.6	22	21.4	**21.1**	24.9
28.3	28.8	**29.7**	28.5	25.8	23.4	23	23	**22.3**	22.2	21.7	21	23.9
29.4	30.1	**30.3**	28.3	26.1	24.7	23	21.9	21	20.5	20.2	20.9	23.7
27.9	29.6	**29.9**	28.8	26.2	24.2	23.7	24.1	23.5	22.5	22.1	22.1	24
29	29.1	**29.4**	27.7	26.7	25.2	24.4	23.5	23.1	22.8	22.9	22.6	24.4
31.5	**31.9**	31.1	**29.5**	27.5	25.1	23.8	22.9	22.1	21.1	20.3	**20.1**	24.7
29.8	28.9	29	**28.7**	27.4	25.4	24.4	23.2	22.1	21.5	21.2	21	23.8
30.7	29.9	30.2	29	27.5	25.8	25.1	24.5	23.9	23.2	22.8	22.7	24.8
28.5	27	28.2	**26.3**	25.4	24.8	24.2	24	23.8	23.3	23.2	22.5	25
28.7	29.6	**30.7**	28.6	27.1	26.2	25	24.4	23.5	23.2	22.6	22.3	25.2
29.2	**29.2**	28	27.9	26.9	24.8	24.3	24	23.7	23	21.6	**20.7**	24.8
27.8	27.2	28.7	**29.1**	27.6	26	24.3	24	23	22.4	22.1	21.6	24
30.2	30.6	**31.6**	30.2	27.8	**25.3**	23.9	22.8	**22.3**	21.6	21.1	20.6	24.5
30.9	30.6	29.7	**28.6**	26.7	24.7	23.8	23.1	22.4	21.9	21.7	21.5	24.3
30.1	29.2	29.9	28.6	27.6	25.4	24.1	22.9	22	21.9	21.5	21	24.3
29.8	30.7	**31.6**	29.6	27.5	25.6	24.7	24	23	23	23.6	23.6	25.1
28.8	29	28.3	27.3	**26.2**	25.2	23.8	22.8	22.2	21.8	21.9	**21.1**	24.7
27.9	27.8	**28.6**	28.2	27	24.8	23.5	22	21	20.8	20.1	**19.9**	23.6
27.8	**28.4**	**28.4**	27.6	26.6	24.1	23.1	23.6	21.7	20.9	20.2	19.6	23.2
27.8	28.6	**28.8**	27.9	27.2	25.2	23.5	22.6	22.2	21.6	21.3	20.9	**23**
27	29.2	**29.7**	28.4	28.3	27.8	27.7	27.2	27.1	27.1	24.6	24.2	25.4
24.6	**24.9**	24.1	23.6	22.9	22.7	22	**21.9**	22.4	22.2	22.2	22.2	23.5
30.8	31.3	**31.4**	29.9	28.4	26	25.8	25.6	25	24.8	24.2	23.8	**26.3**
26.2	26.8	26.2	27.6	27.4	25.4	24.5	23.9	23.7	23.6	23.8	23.9	24.7
28.5	28	28	28	28.5	26.8	25.8	24.3	23.8	23.5	**23.2**	23.4	25.8
29	27.8	**29.6**	26.7	27	25.4	24.9	24.7	24.9	24.1	**23.8**	23.6	25.5
27.6	27.6	**29.4**	28.6	27.2	**25.3**	24.4	23.8	23.3	23.1	23.2	**22.3**	25.1
28.8	29.1	**29.3**	28.2	26.9	25.2	24.2	23.6	22.9	22.5	22.1	21.8	24.5

RELATIVE HUMIDITY (%).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	92	93	92	94	94	95	92	81	71	66	60	60
2	92	93	91	91	90	92	92	81	75	72	68	64
3	92	93	94	92	92	93	87	86	84.5	76	64	64
4	94	93	92	94	94	96	91	82	76	67	61	62
5	89	89	92	94	94	95	96	76	70	64	66	60
6	92	93.5	92	96	95	92	89	85	67	63	62	68
7	92	95	95	97	95	96	92	85	69	61	68	70
8	91	93	93	91	92	94	88	80	71	68	56	63
9	91	92	91	94	97	95	96	78	66	65	64	65
10	94	93	94	93	95	97	98	89	75	73	75	65
11	92	92	93	93	95	93	94	80	68	68	70	72
12	91	94	92	95	93	91	89	80	71	67	60	65.5
13	85	89	89	91	91	91	88	77	64	65	63	59
14	97	97	98	98	97	98	97	85	71	69	68	65
15	93	95	94	94	94	94	93	81	73	77	74	79
16	96	98	96	96	95	98	95	81	68	68	81	75
17	95	95	96	96	98	98	97	84	70	63	58	56
18	94	93	93	96	95	96	93	84	71	62	59	55
19	93	94	93	92	94	91	91	81	68	66	65	63
20	94	93	94	93	92	94	92	82	68	67	68	65
21	91	93	93	95	96	96	95.5	84	67	62	63	66
22	94	95	92	91	91	90	89	82	83	70	70	71
23	95	97	97	94	95	98	97	88	74	75	69	65
24	94	92	94	93	92	91	90	78	71	62	67	63
25	79	77	75	78	74	71	76	75.5	60	63	66	71
26	92	92	95	95	94	93	93	91	93	91.5	89	92
27	95	96	95	96	94	92	84	76	70	64	65	60
28	95	94	96	97	97	98	98	86	83	76	73	81
29	94	95	94	94	92	96	92	83	71	69	72	64
30	88	87	88	88	90	90	91	84	74	63	67	71
31	94	94	92	94	95	95	94	90	80	70.5	78	75
Mean	92.3	92.9	92.7	93.4	93.3	93.5	91.9	82.4	72.3	68.3	67.4	66.9

VAPOR PRESSURE (mm).

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	16.4	16.2	15.8	15.7	15.7	15.5	16.1	17.9	18.3	19.1	17.5	18.4
2	16.6	16.4	16.3	16.6	16.9	16.8	16.9	17.7	19.6	20	19.2	19.2
3	18.9	18.6	18.9	18.7	18.6	18.8	19.1	19.8	20.8	20.9	18.7	19.9
4	17	16.6	16.7	16.6	16.3	16.2	16.4	17.1	17.9	17.1	16.9	17.4
5	17.9	17.9	17.9	17.8	17.7	17.8	18.1	19	18.9	18.4	19.8	19.5
6	16.8	16.9	16.3	16.3	16.4	16.3	16.9	18.1	17.2	17.6	17.6	19
7	16.7	16.6	16.6	16.7	16.4	16.2	16.5	17.5	17.8	17.4	18.1	19
8	16.6	16.3	16.3	16.2	15.6	15.4	16	17	17.3	18.1	16	17.4
9	17.5	17.1	17	17	16.9	16.5	16.9	17.4	18.1	18.1	17.7	18.3
10	18.3	18	18.4	18.1	18	18.1	18.5	19.2	20	20.3	19.5	19.3
11	15.8	15.5	15.1	15	15	15	15.4	17.3	18.1	19	19.7	20.2
12	17	16.9	16.6	16.7	16.2	16	16	17.4	18.5	19	18.7	18.6
13	18.1	18.1	18.2	18.2	18.2	18.4	18.4	19.1	18.1	17.9	18.3	18.1
14	19.3	19	18.8	18.7	18.3	18	18.8	20.4	19.9	20.6	20.3	20.5
15	18.5	18.2	18.1	18.1	17.9	18.4	19	19.8	20.3	20.9	22.2	21.6
16	17	16.8	16.3	16.1	15.9	15.8	16.3	17.5	19	19.2	20	21.1
17	17.8	17.4	16.9	16.8	16.5	16.5	16.7	17.9	18.5	18.7	17.5	18
18	16.5	16.3	16.2	16.4	16.1	16.1	16.2	17	18.5	18.6	18.5	18.2
19	17	16.9	16.5	16.4	16.3	16.3	16.8	17.9	18.1	18.3	18.2	18.2
20	17.3	17.4	17.2	17.1	17.1	17	17.4	17.8	18.8	19.1	20.3	19.4
21	19.8	19.4	19.7	18.8	18.6	18.4	18.3	18.6	18.4	18.5	19	19.1
22	17.1	16.7	16.4	16.3	16.3	16.1	16.5	16.6	18.2	19.3	19 7	20.6
23	16.8	16.6	16.4	16.2	15.7	15.7	15.5	16.6	17.6	19.7	18.1	17.8
24	15.6	14.9	14.5	14.5	14.2	13.9	14.1	14.8	16.3	15.8	16.8	16.7
25	14.3	14	14.1	14.1	14.1	14.2	15.4	16.2	16	17.6	18.1	18.4
26	20.6	20.6	20.9	20.8	20.7	20.7	20.7	20.5	20.8	20.9	19.6	20.7
27	19.2	19.2	18.9	18.7	19.1	19.1	18.7	19	19.8	19.7	21.3	19.6
28	20	19.5	19.3	18.6	18.4	18.6	19.2	20.6	20.2	20.8	20.8	22.1
29	20.7	20.9	20.8	20.7	20.4	20.4	20.1	19.3	19.8	21.2	21 2	20.7
30	18.9	18.7	19.1	19	18.6	17.2	18	20	20.1	19.9	20	20.1
31	20.5	20.2	19.7	19.8	19.9	20	19.8	20.7	20.1	20.4	20.2	21.2
Mean	17.8	17.5	17.4	17.3	17.2	17.1	17.4	18.2	18.7	19.1	19	19.3

RELATIVE HUMIDITY (%).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight	Mean.
61	57	57	66	67	74	81	85	86	89	92	92	79
74	70	65	66.5	72	73	77	82	89	87	91	91	80.8
63	58	54	57	66	76	77	82	87	89	91	92	79.6
54	59	60	64	64	78	84	83	87	90	90	91	79.4
60	54	56	57	61	70	81	83	84	88	90	91	77.5
70	71	56	54	67	78	81	83	86	87	89	92	79.5
53	48	52	57	69	73	81	87	91	91	93	92	79.2
66	59	55	59	67	78	81	78	83	87	88	88	77.9
65	64	60	72	67	73.5	78	83	87	89	90	90	79.7
51	48	52	57	64	73	77	80	85	87	92	92	79.1
63	69	69	73	78	88	86	87	92	94	94	94	83.2
60	65	64	65	76	75	79	82	86	90	91	91	79.7
64	79	71	77	86	88	91	92	94	95	95	96.5	82.5
73	70.5	67	78	83	76	83	84	88	90	91	92	84
72	71	79	77	79	82	85	85	85	89	94	95	84.8
75	76	71	64	70	74	85	86	90	93	94	94	84.1
57	57	51	52	63	74	77	83	86	87	90	91	78.1
57	57	56	60	69	76	79	83	87	88	90	90	78.5
57.5	64	61	66	66	75	80	86	90	90	92	95	79.7
64	63	53	64	71	79	83	88	92	92	90.5	92	80.6
67	67.5	67	69	75	79	85.5	90	90	90	89	94	81.9
74	74	71	72	75	77	83	91	96	94	97	97	84.1
67	69	66	72	78	84	90	82	89	92	91	92	84
57	54	53	57	60	69	76	78	76	79.5	80	82	75.4
72	60	56	61	58	62	62	67	69	70	88	91	70.1
92	90	89	87	96	98	97	97	95	96	97	97	93.4
56	53	55	59	69	79	81	81	85	88	89	91	78
85	83	86	80	81	91	88	92	94	96	95	93	89.1
71	74	75	77	66	72	78	86.5	89	88	89	88	82.1
68	75	66.5	83	82	88	87	88	85	93	93	94	82.8
76	73	65	68	69	77	78	81	84.5	85	84	89	82.5
66	65.5	63.2	66.8	71.4	77.7	81.7	84.4	87.3	89.1	91	91.9	81

VAPOR PRESSURE (mm).

1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Midnight	Mean.
18.1	17.9	18.8	19.6	17.8	17.6	17.5	17.5	17	16.9	17.2	17.1	17.3
20.8	21.1	20.5	19.4	19.4	18.1	18.5	18 6	19	18.5	18.6	18.4	18.5
19.2	18.7	17	16.8	17	17.4	16.9	17	17	16.9	16.8	16.7	18.3
16.3	18.5	17.4	17.7	16.2	17.4	17.6	17.1	17.4	17.5	17.5	17.8	17.1
18.9	16.7	17.5	16.2	16.2	16.9	17.6	17.3	17.2	17.4	17	16.9	17.8
20.1	21	17.5	15.7	16.4	16.7	16.9	17.3	17.2	17.2	17.2	16.9	17.3
16.2	15.4	16.6	16.8	17.3	16.9	16.9	16.9	16.8	16.4	16.4	16.8	16.8
18.4	18.3	17.2	17.5	17.1	17.6	17.5	17.5	17.8	17.6	17.3	17.3	17.1
19.5	19	18.2	19.9	17.5	17.5	17.6	17.8	18.3	18.5	18.7	18.4	17.9
17.6	16.9	17.4	17.4	17.4	17.2	16.9	16.6	16.8	16.2	16.4	16.2	17.9
19.8	20.3	20.7	21.3	21	21.1	19.4	18.4	18.2	17.8	17.5	17.3	18.1
19.8	20.5	20.3	19.5	20.8	18.6	18.6	18.8	18.9	18.9	18.8	18.7	18.3
18.6	20.9	20.2	19.6	20.7	20.5	20.5	20.4	20.6	20.1	20	19.5	19.2
21.4	21.7	22.1	22.6	22	19.3	19.7	19.1	18.9	19.1	18.6	18.4	19.8
21.8	21.4	22.1	21.5	20.8	19	19.1	18.8	18.6	18.5	17.9	17.3	19.6
20.8	20.4	20.6	19.2	19.2	18.5	19.1	19.2	18.8	18.7	18.5	17.9	18.4
18.1	18.5	17.5	16.6	17.6	17.6	17.1	17	17.2	16.8	16.7	16.5	17.4
19.1	18.5	17.5	17.4	17.9	17.6	17.3	17.4	17.5	17.3	17.4	17.2	17.4
18.2	19.4	19.1	19.1	18.1	18.1	17.8	17.8	17.7	17.6	17.5	17.5	17.7
19.9	20.6	18.3	19.7	19.4	19.3	19.3	19.5	19.2	19.2	19.6	19.9	18.7
19.8	20	19.1	18.6	18.9	18.8	18.7	18.6	17.9	17.5	17.4	17.4	18.7
20.6	20.6	20.7	20.5	19.7	17.9	17.8	17.9	17.8	17.2	17	16.8	18.1
18.7	19.9	19.1	19.7	20.2	18.7	18.8	17.8	17.2	16.8	16.1	15.7	17.6
15.9	15.8	15.6	15.8	16.1	16.4	16.3	16	15	15.2	15.1	15	15.4
19	18.2	17.5	17.6	16.7	17.2	17.2	17.9	18.4	18.7	20.3	20.5	16.9
21.1	21	19.8	18.8	19.8	20.1	19.1	19	19.1	19.2	19.3	19.3	20.1
18.5	18.1	18.8	18.5	19.9	19.8	19.9	19.8	20	20.5	19.9	20	19.4
21.4	21.8	21.8	21.9	22.1	21.9	20.1	20.3	20.5	20.7	20.8	20.5	20.5
20.6	20.7	21.1	21.7	19	18.9	19.3	19.5	19.4	18.9	18.7	18.8	20.1
20.3	20.8	20.5	21.5	21.7	21.3	20.5	20.4	19.9	20.8	20.4	20.3	19.9
20.8	20.1	19.8	19.7	18.5	18.4	17.8	17.8	18	17.9	17.9	17.9	19.5
19.3	19.4	19	18.6	18.8	18.5	18.3	18.2	18.2	18.1	18	17.9	18.3

CLOUDS—FORM AND DIRECTION.

Day.	8 a.		9 a.		10 a.		11 a.		Noon.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. EbyN	Ci.	Cu. EbyN
2	A.-Cu.	Cu. E	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
3	----------	S.-Cu. E	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu.
4	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.
5	Ci.	Cu.	Ci.	Cu.	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
6	A.-Cu. ENE	Cu.	----------	Cu.	Ci.-S. E	Cu.	Ci.-S. E	Cu.	Ci.-S.	Cu.
7	A.-Cu.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
8	A.-Cu.	S.-Cu. EbyN	----------	S.-Cu. EbyN	----------	Cu. EbyN	----------	Cu. EbyN	----------	N.-cf. EbyN
9	Ci. E	Cu.	Ci.	Cu.	----------	Cu. E	----------	Cu. E	Ci.	Cu. E
10	Ci.	Cu.	Ci. E	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
11	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	----------	Cu.
12	Ci.	Cu.	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
13	A.-Cu.	Cu.	A.-Cu. E	Cu.	----------	N. E	A.-Cu.	Cu. E	----------	S.-Cu. E
14	Ci. E	Cu.	Ci. E	Cu.	Ci.	Cu. E	----------	S.-Cu. E	----------	Cu. E
15	A.-Cu.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	Cu.	Ci.-S.	Cu. E
16	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	S.-Cu. E	----------	Cu.
17	Ci.	Cu.	----------	Cu.	----------	Cu.	Ci.	Cu. E	----------	Cu.
18	Ci. ENE	Cu.	Ci.	Cu. ENE	Ci.	Cu. EbyN	Ci.	Cu.	Ci.-S.	Cu.
19	Ci. S	S.-Cu.	Ci.	Cu.	Ci.	Cu. E	----------	Cu. E	----------	Cu. E
20	Ci. NE	Cu.	Ci. NE	Cu.	Ci.	Cu. EbyN	Ci. NE	Cu. EbyN	Ci.	Cu.
21	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.	Ci.-S. SE	Cu.	Ci.-S.	Cu. E	----------	Cu. E
22	Ci.-S.	S.-Cu. E	Ci.-S.	S.-Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	S.-Cu. E
23	Ci.	Cu.	Ci.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.
24	Ci. ESE	Cu.	Ci. ESE	Cu.	Ci.	Cu.	Ci. ESE	Cu.	Ci.	Cu.
25	----------	Cu. NE	Ci.-S.	Cu. NE	Ci.	Cu. NE	----------	Cu. NE	----------	S.-Cu. NE
26	----------	S.-Cu. EbyN	----------	N. EbyN	----------	N. E	----------	N. ESE	----------	S.-Cu. ESE
27	----------	S.-Cu. SE	Ci.	Cu.	----------	Cu.	----------	Cu.	----------	Cu. E
28	----------	Cu.	----------	Cu. ESE	----------	Cu. ESE	----------	Cu.	----------	Cu.
29	----------	Cu.	----------	Cu.	----------	Cu.	----------	Cu. ENE	----------	Cu.
30	----------	S.-Cu. E	Ci.	Cu. EbyN	A.-Cu.	Cu. EbyN	A.-Cu.	Cu. ENE	----------	N.-cf. ENE
31	----------	S.-Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu. E	A.-Cu.	Cu.-N.	----------	Cu.-N.

Day.	1 p.		2 p.		3 p.		4 p.		5 p.	
	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.	Upper.	Lower.
1	Ci.	Cu. E	Ci.	Cu. E	----------	Cu. E	Ci.	Cu. E	A.-Cu.	Cu.
2	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	S.-Cu. E
3	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E
4	Ci.-S.	Cu.	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E
5	----------	Cu. E	Ci. SE	Cu. E	Ci. SE	Cu.	Ci.	Cu.	Ci.	Cu.
6	----------	Cu. E	----------	Cu. E	----------	Cu. E	Ci.	Cu. E	Ci.	Cu. E
7	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu. E	----------	Cu. E
8	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
9	----------	Cu. E	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E
10	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	----------	Fr.-Cu. E	----------	Cu.
11	Ci.	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu.
12	Ci.	Cu. EbyN	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
13	Ci.-S.	Fr.-N. E	Ci.-S.	S.-Cu. E	----------	N.-cf. E	----------	N.-cf. E	----------	S.-Cu. E
14	----------	Cu.-N. E	Ci.-S.	Cu.-N. E	----------	Cu.-N. E	----------	Cu. E	Ci.	Cu.
15	----------	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	----------	Cu. E	Ci.	Cu. E
16	----------	Fr.-N. E	----------	N.-cf. E	----------	N.-cf. E	----------	Cu. E	----------	Cu. E
17	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu. E	Ci.	Cu.
18	Ci.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu.	Ci.-S.	Cu.
19	Ci.	Cu. E	----------	Cu. E	----------	Cu.	----------	Cu.	----------	Cu.
20	Ci.	Cu.	Ci. NE	Cu.	Ci. NE	Cu. E	Ci.-S.	Cu. ENE	Ci.	Cu. E
21	Ci.-S.	Cu. E	----------	S.-Cu. E	----------	S.-Cu. E	----------	S.-Cu. E	----------	S.-Cu. E
22	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.-S.	Cu. E	Ci.	Cu.
23	Ci.	Fr.-Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.	Ci.	Cu.
24	Ci.	Cu.	Ci.-S.	Cu.	Ci.-S.	Cu.	Ci.-S. E	Cu.	Ci. E	Cu.
25	----------	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE	Ci.-S.	Cu. NE
26	----------	S.-Cu. ESE	----------	Cu.-N. ESE	----------	Cu.-N. ESE	----------	Cu.-N. ESE	----------	Cu.-N. ESE
27	----------	Cu.	----------	Cu.	----------	Cu. SE	A.-Cu.	Cu. SE	Ci.	Cu. ESE
28	----------	N.	----------	N.	----------	N.-cf. ENE	A.-Cu.	Cu.	----------	Cu.
29	----------	Cu.-N. ENE	----------	Cu.-N. ENE	----------	Cu. ENE	----------	Cu. ENE	A.-Cu.	Cu.
30	----------	N.-cf. ENE	Ci.	Cu.-N. ENE	----------	Cu.-N. ENE	----------	Cu.-N. ENE	A.-Cu.	Cu. ENE
31	----------	Cu. E	----------	Cu. E	----------	Cu. E	----------	Cu. E	A.-Cu.	Cu. E

WIND—DIRECTION AND FORCE IN M. P. S.

Day.	1 a.	2 a.	3 a.	4 a.	5 a.	6 a.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.
1	Calm	ENE 1.5	NE 1	NE 1.5	Calm	ENE 0.5	Calm	NNE 0.5	NNE 1	WNW 1.5	W 1.5	W 2
2	Calm	NE 1.5	NE 1.5	NNE 1	N 1	NNE .5	NE 0.5	NE 1	NE .5	WNW 2	W 3.5	W 2
3	NE 1	NNE 1	NE .5	NE 1	NE 1	NE .5	NNE 1	Calm	NE .5	Calm	Calm	NE 1
4	NNE .5	NNE 1.5	N 1	NE 1.5	Calm	NNE 1	NEbyN .5	Calm	Calm	W .5	SW 2	W 1.5
5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm	W 2	W 2.5	ESE 4.5	W 1
6	NNE .5	NNE 1	Calm	NNE 1.5	Calm	NE .5	ENE .5	Calm	NNW 1	WNW 1.5	WSW 2	WNW 1.5
7	E 1.5	Calm	Calm	NNE 1	NNE 1.5	Calm	NNE .5	ENE 1	NNE 1	Calm	W 2	WSW 1
8	Calm	Calm	NE 1	N 1.5	N 1	NE .5	ENE .5	Calm	N .5	WSW 1	WSW 2.5	WNW 4.5
9	ENE 1.5	ENE 1	Calm	NNW 1	Calm	Calm	Calm	NE .5	N .5	WNW 2.5	W 2.5	WSW 2
10	NE 1	NE .5	NE 1	Calm	Calm	NNE .5	NE 1	N .5	NE .5	W 2.5	W 3.5	E 4.5
11	NE 1.5	NE 1.5	ENE 1.5	ENE 1.5	NE 1.5	NE .5	Calm	Calm	SSW 1	W 1.5	W 3	W 2.5
12	SE 1	NNE 1	NNE 1	NNE 1	NNE 1.5	NNE 2	NNE 2	NNE 1	N 1	NW 1.5	NW 3	WSW 3.5
13	NE 3	ENE 2	NE 1	Calm	NE 1	Calm	NNE .5	E .5	ENE 1	NE 5	N 6.5	NNE 3.5
14	Calm	NE .5	Calm	NE 1	Calm	Calm	Calm	NE .5	N .5	WNW 3	W 3.5	WSW 1.5
15	NE 1	Calm	NE 1	Calm	SE 1	Calm	Calm	Calm	NW .5	NW 3	SW 1	WNW .5
16	Calm	Calm	NE 2	NE 1.5	NE 1.5	Calm	Calm	Calm	Calm	W 2	W 1.5	WSW 2
17	Calm	E 1	ENE 1	NE 1	NE 1	Calm	NE 1	NE .5	NE .5	Calm	NW 3	W 3.5
18	NNE .5	Calm	N .5	NE 1.5	Calm	Calm	Calm	Calm	NE 1	ENE 3	ENE 1.5	E 3.5
19	NE 1.5	Calm	NNE 1.5	ENE .5	NE 1	Calm	NE .5	NE .5	Calm	WSW 2	WSW 3	WNW 3.5
20	NNE 1	NNE 1	NNE 1.5	Calm	NE 1	NE .5	ENE .5	NE .5	NE .5	SW 3	SW 3	SW 2.5
21	ENE .5	ESE .5	Calm	Calm	NE 1	NE .5	ENE .5	NE 1.5	ENE .5	NNE .5	WSW 2.5	W 3
22	ENE 1	NE 1	NNE 1.5	NNE 2	NE 1.5	NNE 1.5	N 1.5	NNE 1	NNE 2	NNW 2.5	ENE 2	ESE 1
23	N 1	N 1.5	N 2	N 2	NNE 1.5	NE .5	Calm	Calm	ENE .5	WSW .5	WSW 2.5	WSW 3
24	Calm	E 1	ENE 1	NNE 1	NNE 1	NNE 1	N .5	N .5	NE 1	W 3.5	WSW 3	W 3.5
25	Calm	NNW 1.5	NNW 1.5	Calm	NNW 3.5	NbyE 2	NNW 4	N 2.5	NNW 3.5	NNW 5.5	WNW 6	WNW 5.5
26	NNW 2.5	N 2.5	NNE 1	NNE 2	NNE 1.5	NNW 1	NNE 1	N 1.5	N .5	E 4	E 4.5	ENE 2
27	E 1	E 1.5	ENE 1	ENE .5	ESE 2.5	ESE 3	SE 3	ESE 2.5	ESE 3	E 2.5	E 3.5	E 6
28	SE 1.5	ENE 1.5	NE 1.5	ENE 1	NNW 1	NW .5	Calm	Calm	NW 1.5	NW 2	W 3	WSW 1
29	Calm	Calm	Calm	Calm	Calm	Calm	NW 1.5	N .5	N .5	SW .5	S 2	SW 1
30	NW 1	NE 1	SE 1	SE 1.5	NE 2.5	ESE .5	ENE 2.5	NE .5	ENE 3	NE 1	SW 1	Calm
31	E .5	Calm	Calm	Calm	Calm	Calm	Calm	Calm	NE 1.5	NE 1.5	ESE 2	SW 2
Mean	0.8	0.9	0.9	0.9	1	0.6	0.8	0.6	1	2	2.7	2.4

Day.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	7 p.	8 p.	9 p.	10 p.	11 p.	Mid-night.	Mean.
1	WSW 1.5	WbyS 3	W 2.5	W 1.5	E 2	NE 1.5	NE 1.5	ENE 1.5	Calm	ENE 1	NE 0.5	Calm	1.1
2	WSW 2	WSW 1.5	WNW 1	NNE 2.5	NE 3	NE 2	NE 3	ENE 1	ENE 1	E 1	NNE .5	Calm	1.4
3	E .5	NNE 2	NE 2.5	NE 3	ENE 2	ENE .5	ENE 1	E 1.5	E 1.5	ENE 1	Calm	Calm	1
4	WNW 3	SW .5	SE 1	SE 3.5	ESE 1.5	ENE .5	Calm	ENE .5	NNE 1	Calm	ENE 1	N 0.5	1
5	WSW 1	E 4	E 4	E 2	E 2	E 2.5	Calm	E 1	ENE 1	Calm	ENE 1	NE 1	1.2
6	WSW 2.5	W 1	NE 2.5	E 5.5	ENE 1.5	ENE 1.5	ENE 1	E 1.5	ESE 1.5	ENE 1	NNE 1.5	E 1	1.3
7	ENE 1	NE 3.5	E 2.5	NE 2.5	E 1.5	NE 1	E 1.5	ENE 1.5	Calm	Calm	Calm	Calm	1
8	W .5	WSW 1	E 3	NE 2	NE .5	NE .5	E 1.5	ESE 1.5	E 1	ENE .5	Calm	E 1.5	1.1
9	WSW 3	WSW 4	S 1	Calm	NNE 2	NE 1.5	NE 2	ENE 1.5	NE .5	Calm	Calm	Calm	1.1
10	E 2.5	E 2.5	EbyS 7	ESE 1	ESE 1	ENE 1	ENE 2	NE 1.5	NNW 1	Calm	NE 1.5	NE 1	1.6
11	W 2	WSW 2.5	W 2	NW 1	NW .5	E .5	NE 1	NE 2	ENE 1	Calm	E 1.5	SE 1.5	1.3
12	WSW 4	WSW 1.5	W 3	NW 4	Calm	ENE 1	NE 1	ENE 2	ENE 2	E 2	ENE 1.5	NE 1.5	1.8
13	NNE 3	E 2.5	ESE .5	E 1	SE .5	Calm	SE .5	Calm	Calm	Calm	Calm	Calm	1.3
14	WSW 3.5	WNW 1.5	SEbyS 5.5	NEbyN 2	Calm	ESE 1	ESE 1	SE 1.5	NE 1	ENE 1	Calm	NE 1.5	1.2
15	SW 2	SE 2	NNW 1	NW 3	E .5	SE 1.5	ESE 2.5	ESE 2	ESE 2.5	Calm	N 1	N .5	1.1
16	WNW 2	WSW 1	ESE 1	NEbyE 4	ESE 2	ESE 4	ESE 2.5	Calm	NE 1	Calm	NNE 1	Calm	1.2
17	WSW 2	WSW 1.5	ESE 2.5	ENE 3	ENE 1.5	ENE .5	ENE .5	E 1.5	E 2	ESE 1.5	E 1.5	Calm	1.3
18	NE 2	NE 2	NE 4	E 2	ENE 1.5	ENE 1	E 1	Calm	Calm	Calm	Calm	NNE .5	1.1
19	WSW 4.5	W 2	WNW 2	NW 1	E 2.5	E .5	E .5	E 1.5	E 1.5	E 1	ENE 1	Calm	1.3
20	WSW 2	WSW .5	E .5	ENE 1.5	NNE 1.5	EbyN .5	ESE 2	E 1	E 1	Calm	Calm	Calm	1.1
21	WSW 3	WSW 1	NE 1	NNE 4.5	NE 1	NE 1	ENE .5	E 1.5	ESE 2	ESE 2	ESE 1.5	E 1	1.3
22	WSW 2	SW 1	WSW 1.5	Calm	NE 1	NE 1.5	NE 2.5	ENE 1	Calm	ENE .5	ESE 1	NNW .5	1.3
23	WSW 3	SW 2	SW 3	SW 1.5	SW 1	SE 1.5	SSW 2	SSE 1.5	SSE .5	E 1	ENE .5	NE 1.5	1.4
24	WbyN 5.5	W 3	WSW 3	SSW 3	SSW 1.5	SSW 1	WSW 1	ENE 1	ENE 1	NNE 1	NE 1.5	NNE 1	1.7
25	WNW 5	NW 2.5	NE 2	NNE 2.5	NE 7.5	N 7	N 9	N 9	NbyW 11	N 9	N 2	N 2	4.3
26	NE 3.5	NNE 3	ENE 2	ENE 2	ESE 2	ESE 2	ESE 3.5	NE 3.5	NE 2	ENE 2.5	NE 1.5	ESE 1.5	2.2
27	E 3.5	ESE 3.5	ESE 3.5	ESE 2	ESE 2	SE 1	SE 2	SE 3.5	SE 3.5	SE 2.5	SE 2.5	SE 1	2.7
28	NNW 2.5	Calm	SSW .5	Calm	SSE 1	Calm	SE 1	SE 1	E .5	Calm	Calm	Calm	.9
29	W 2.5	Calm	ESE 1	Calm	NbyE 2	NE 1.5	NNE 1	SE .5	WNW 1	Calm	Calm	W 1	.7
30	SbyW 1	SE .5	SW .5	SE 1	SE .5	NNE .5	Calm	Calm	SE 1.5	Calm	E 1.5	NE .5	1
31	WSW 2.5	ESE 7	ESE 3	EbyS 3	E 3.5	ESE 1	ESE 2.5	SE 1.5	SE 1.5	SE 2.5	NE 1	Calm	1.5
Mean	2.5	2.2	2.3	2.1	1.6	1.3	1.6	1.6	1.5	1	0.9	0.7	1.4

WIND—VELOCITY IN KILOMETERS PER HOUR.

Day.	Mdt.-1 a.	1-2 a.	2-3 a.	3-4 a.	4-5 a.	5-6 a.	6-7 a.	7-8 a.	8-9 a.	9-10 a.	10-11 a.	12-Noon
1	3	2	3.5	2.5	2	1.5	1	0.5	2	4	10	11.5
2	1	2	3.5	3	2.5	3	2	4	5	5	15	13.5
3	2	0	0	1	1	2	4	2.5	6.5	3.5	3	6
4	.5	2	4.5	3.5	1	.5	3.5	.5	.5	1.5	5.5	6.5
5	1	.5	0	1	0	0	1	1	7	8	10	7
6	2	3	1.5	2	3.5	2	1	1	5	3	10	7
7	3.5	2.5	.5	1.5	3	4	4	5	4	2	3.5	11
8	.5	1	1.5	4	.5	4.5	2	2	2	2	8	9
9	4	3.5	2.5	2.5	3	3.5	1	4	2	6	9	10
10	.5	.5	5.5	.5	.5	2.5	2.5	2.5	2	6	13	9
11	4.5	3	4.5	4.5	3.5	5.5	1	1	2	9	10	15
12	3.5	3.5	2	3.5	4.5	6	6	5	5	10.5	12.5	13
13	6.5	8.5	5	1	1.5	1	.5	4	4	12	18	18.5
14	2	1.5	2	2	2	1.5	3	4.5	4	3	15	12
15	3	3	1.5	.5	2	2	1.5	1.5	3	5	9.5	9
16	2	.5	5.5	5	3.5	1	.5	0	2	5	10	7
17	2	2.5	4	3	4	4	4	3.5	2.5	1.5	12	13.5
18	1.5	0	1.5	2.5	2	0	1	2.5	4	7.5	12	17
19	1	1	1.5	4.5	2	4.5	4	2.5	1	6	14	12
20	4	1	2.5	3.5	4	1.5	1.5	4	2	3	13	13
21	0	2	.5	2	1.5	4.5	3	4	4	4	6	7
22	4	3	5	5.5	4	3.5	7.5	5.5	8	4	5	8
23	3	3	3.5	4.5	4	1.5	.5	1	4	2	5	13
24	3.5	2.5	2.5	4	3.5	4.5	5.5	3	4.5	5	14	19
25	3.5	3.5	5.5	6	5	7.5	10	11	10	21	27	21.5
26	9	7	4.5	3.5	6.5	8.5	8	7	7	10	15	18
27	3	4	4.5	3	4.5	8	14	14	14.5	16.5	16	19.5
28	3.5	7	5	3	2	4	3	2	4.5	7.5	9	8
29	1	0	1	.5	2	1.5	3	3.5	1.5	1	12	12
30	3	1.5	3	9	5.5	6.5	5	7	5	4	7	5.5
31	1.5	2	4	2.5	1	1.5	1	.5	1	6	8	7
Mean	2.7	2.5	3	3.1	2.8	3.3	3.4	3.5	4.2	6	10.9	11.6

AMOUNT OF CLOUDS (0–10).

Day.	7 a.	8 a.	9 a.	10 a.	11 a.	Noon.	1 p.	2 p.	3 p.	4 p.	5 p.	6 p.	Mean.	Sunshine.
														h. *m.*
1	4	2	3	3	3	4	5	4	6	4	4	4	3.8	8 20
2	1	8	1	1	4	4	8	10	5	8	10	10	5.8	5 55
3	9	10	9	6	7	4	7	5	6	5	5	3	6.3	4 45
4	7	8	9	9	9	9	8	9	9	9	9	8	8.6	1 00
5	4	3	4	5	7	5	7	7	7	4	5	3	5.1	8 05
6	8	8	1	5	8	7	8	7	6	3	3	1	5.4	5 40
7	5	4	5	5	7	5	7	2	2	5	4	4	4.6	6 45
8	7	5	7	8	7	8	6	6	6	3	3	2	5.7	6 30
9	3	4	4	6	8	8	7	5	9	8	7	9	6.5	6 15
10	3	4	4	3	9	6	5	3	2	1	1	1	3.5	7 15
11	3	1	2	2	4	9	7	8	8	5	4	3	4.7	6 10
12	3	1	0	1	2	3	4	7	5	3	3	4	3	9 05
13	8	4	4	9	8	8	10	9	9	10	9	9	8.1	2 15
14	4	6	6	4	8	6	9	6	7	5	4	1	5.5	6 30
15	7	4	4	4	7	6	9	10	9	8	4	3	6.2	4 45
16	2	4	4	5	9	3	9	5	6	4	6	7	5.3	6 15
17	3	0	2	1	4	2	3	6	6	6	6	8	3.9	7 25
18	4	4	6	6	7	7	8	10	8	7	9	4	6.7	5 05
19	4	5	3	3	3	3	2	3	3	4	3	3	3.2	7 45
20	6	7	7	6	7	8	5	9	8	7	8	9	7.2	6 30
21	4	7	5	5	6	7	7	9	9	9	9	8	7.1	4 20
22	9	8	8	8	9	10	9	7	7	7	5	5	7.7	0 35
23	2	3	3	3	3	3	3	2	1	1	3	2	2.4	8 10
24	4	6	6	6	6	5	3	4	3	3	3	3	4.3	7 55
25	9	10	8	7	9	9	9	9	9	10	10	9	9	1 50
26	10	10	10	10	10	10	10	10	10	10	10	10	10	0 00
27	7	4	3	3	4	3	4	2	3	3	3	3	3.5	8 30
28	4	1	7	5	6	8	10	10	10	3	2	1	5.6	3 35
29	7	4	1	3	4	4	8	9	5	4	4	3	4.7	4 05
30	9	8	5	7	7	8	10	8	8	9	5	6	7.5	4 25
31	7	8	7	7	7	8	7	8	5	6	6	3	6.6	5 05
Total														170 45
Mean	5.4	5.2	4.8	5	6.4	6.1	6.9	6.7	6.4	5.6	5.4	4.8	5.7	5 30

WIND—VELOCITY IN KILOMETERS PER HOUR.

Noon–1 p.	1–2 p.	2–3 p.	3–4 p.	4–5 p.	5–6 p.	6–7 p.	7–8 p.	8–9 p.	9–10 p.	10–11 p.	11–mdt.	Mean.
14	11.5	9	6.5	7.5	7	6	2.5	1.5	1	1	0	4.6
14.5	9	3.5	5.5	13	12	10	4	1.5	.5	.5	1.5	5.6
4.5	12	15	19	10	6	5	4	5	4	.5	0	4.9
11	8.5	8	13	11	6.5	2	1.5	2	.5	.5	1.5	4
9	19	25	21	18	13	3.5	3	4.5	3.5	2.5	3	6.7
9	8	15	18	13	4	5	4	2.5	2.5	3	3	5.3
5.5	14	16	11	11	7.5	3.5	5	2	.5	1	1.5	5.1
10.5	8.5	10	10	6.5	3.5	4	4.5	4.5	4	4	4	4.6
12	10	6	3	6	10	8	7.5	2	1	0	0	4.9
18	21	18	17	13	10	8	3	2.5	2	2.5	2.5	6.8
9.5	6.5	12	8	5	3	4	5	5	2.5	3.5	5	5.5
10	11	11.5	9	4.5	5	9	7.5	6.5	6	4	5	6.8
13.5	10	3	6	5	2	4	2	1	2	2.5	2	5.6
10.5	10.5	13	12	4	7.5	4.5	6	2	4	3.5	3.5	5.6
4.5	11	7	7	4	5	9	9	6	7	3	3	4.9
12	8	4.5	17.5	9.5	13.5	6	4	2.5	3.5	2	2.5	5.3
12.5	11.5	11	9	5	4	5	5	6	3.5	5.5	1.5	5.7
15	13	11	10	8.5	5	3.5	3	.5	1.5	0	1	5.1
17	16	14	9	7	7	5	3	2	4	4.5	2.5	6
14	12	12	11	12	7.5	4.5	3.5	1.5	2.5	1	0	5.6
12	8	3.5	9.5	12	8.5	6	4.5	3.5	5	5.5	3	5
10	9	6	3	4	5	8	7	1	1	0	1	4.9
16	13	12.5	12.5	5.5	3	3.5	6	4	2	4	2.5	5.4
20	22	21	11	8	6	3	4	2.5	3.5	3.5	4.5	7.5
13.5	14.5	16	19.5	24	35	29	28	24	23.5	13	7.5	15.8
15.5	11.5	11	8.5	10.5	8	9	13	12	10	5	2	9.2
21.5	18	19	19	11.5	9	7.5	11	11.5	8.5	11	7.5	11.5
6.5	2.5	2	2	2.5	1	2	1.5	1	.5	1	.5	3.4
11	5	4	3	10	10.5	7	1.5	2.5	.5	2	2.5	4.1
4.5	5	5	7.5	3	.5	1.5	1	5.5	1	1.5	3.5	4.2
10	13.5	9.5	15	15	7	8	6	5.5	6.5	5.5	2.5	5.8
11.8	11.4	10.8	10.7	9	7.5	6.3	5.5	4.3	3.8	3.1	2.6	6

FREQUENCY OF THE WIND.

Day.	N.	NNE.	NE.	ENE.	E.	ESE.	SE.	SSE.	S.	SSW.	SW.	WSW.	W.	WNW.	NW.	NNW.	Calm.	Total wind velocity.	Atmidometer.	Rainfall.
																		Kms.	*mm.*	*mm.*
1		2	5	4	1							1	5	1			5	111	8.9	
2	1	3	8	3	1							2	2	2			2	135	3.1	
3		3	9	4	3												5	116.5	3.1	
4	2	4	2	3		1	2				2		2	1			5	96	3.2	
5			1	2	6	1						1	3				10	161.5	4.3	
6		4	2	5	3	1						2	1	2		1	3	128	3.1	
7		4	3	3	4							1	1				8	123	3.4	
8	3		5	2	4	1						3	1	1			4	111	3.3	
9	1	1	4	3					1			3	1	1		1	8	117	3.1	
10	1	1	8	2	3	3							2			1	3	162.5	4.4	
11			6	3	2		1			1		1	5		2		8	132.5	3.1	
12	1	7	2	4	1		1					3	1		3		1	164	3.9	
13	1	3	4	2	3	1	2										8	133.5	2.5	0.3
14	1		6	1		2	1	1				2	1	2			7	133.5	2.9	.1
15	2		2		1	3	3				2			1	3	1	6	117	2.5	
16		1	4	1		4						2	2	1			9	127.5	2.5	.3
17			5	5	4	2						2	1		1		4	136	4	
18	1	2	5	4	3												9	123.5	4.1	
19		1	4	2	6							3	1	2	1		4	145	4.1	
20		4	4	2	4	1					3	2					4	134.5	4	
21		2	6	4	2	4						3	1				2	119.5	3	
22	1	5	5	4		2					1	2				2	2	118	2.4	
23	4	1	2	2	1		1	2		1	4	4					2	129.5	3.1	
24	2	5	2	3	1					3		3	3	1			1	180.5	4.3	
25	8	2	2											3	1	6	2	379	4.7	7.6
26	3	5	4	4	2	4										2		220	0	17.7
27				2	6	8	8											276.5	4.8	
28			1	2	1		3	1		1		1	1		3	2	8	81.5	1	1
29	2	2	1			1	1		1		2		2	1	1		10	98.5	3.8	1.8
30		1	5	2	1	1	6			1	2				1		4	101.5	2.5	.3
31			3		2	6	3				1	1					8	140	2.7	
Total	34	63	120	78	65	46	32	4	2	7	17	42	36	19	16	16	147	4,453	100.8	29.1
Mean	1.1	2	3.9	2.5	2.1	1.5	1	0.1	0.1	0.2	0.5	1.4	1.2	0.6	0.5	0.5	4.7	143.6	3.3	0.9

EXTREME VALUES.

Day.	Maxima.						Minima.					
	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.	Pressure.	Hour.	Temperature.	Hour.	Humidity.	Vapor pressure.
	mm.		*°C.*		*Per cent.*	*mm.*	*mm.*		*°C.*		*Per cent.*	*mm.*
1	762.23	9.00a.	31.1	2.20p.	95	19.6	759	3.10p.	18.5	6.20a.	57	15.5
2	62.30	8.35a.	30.5	3.25p.	93	21.1	58.90	3.35p.	19.7	2.40a.	64	16.3
3	62.30	9.05a.	31.6	0.30p.	94	20.9	58.85	3.25p.	20.1	11.55p.	54	16.7
4	62	9.20a.	30.6	2.10p.	96	18.5	58.70	2.35p.	18.6	5.55a.	54	16.2
5	62.60	Midnight	**32.3**	0.30p.	96	19.8	59.90	2.30p.	20.7	5.30a.	54	16.2
6	63.34	9.00a.	30.8	2.55p.	96	21	60.60	3.20p.	18.7	5.30a.	54	15.7
7	63.65	9.00a.	30.8	3.05p.	97	19	60.45	3.25p.	19	6.15a.	48	15.4
8	**63.75**	9.20a.	31.2	2.40p.	94	18.4	**60.75**	3.35p.	18.7	6.10a.	55	15.4
9	62.80	8.45a.	30.4	2.45p.	97	19.9	59.50	2.55p.	19.4	6.20a.	60	16.5
10	63	7.45a.	**32.3**	1.15p.	98	20.3	59.35	2.15p.	19.7	11.55p.	48	16.2
11	61.45	8.45a.	30.5	0.55p.	95	21.3	58.75	2.50p.	17.9	4.45a.	63	15
12	61.40	8.15a.	31.3	3.25p.	95	20.8	58.45	2.20p.	19.6	4.20a.	60	16
13	61.35	9.10a.	29.7	0.25p.	96.5	20.9	58.95	2.25p.	21.8	4.45a.	59	17.9
14	61.45	8.30a.	31.9	3.30p.	98	**22.6**	58	3.15p.	20.5	6.20a.	65	18
15	61.95	8.45a.	30.4	0.35p.	95	22.2	59.35	3.30p.	20.5	11.55p.	71	17.3
16	62.25	10.40a.	30.4	3.30p.	98	21.1	59.55	3.35p.	18.8	6.20a.	64	15.8
17	62.89	9.00a.	32.1	3.25p.	98	18.7	59.60	3.15p.	18.5	6.25a.	51	16.5
18	63.31	8.00a.	32	0.40p.	96	19.1	59.90	3.40p.	19	6.30a.	55	16.1
19	63.33	9.00a.	30.5	3.10p.	95	19.4	60.50	3.05p.	19.5	5.10a.	57.5	16.3
20	63.10	8.15a.	32.2	2.30p.	94	20.6	59.96	3.00p.	20	5.45a.	53	17
21	62.45	8.10a.	31.3	1.30p.	96	20	59.25	2.45p.	20.9	11.55p.	62	17.4
22	62.05	8.50a.	29.6	0.10p.	97	20.7	58.90	3.15p.	19.7	11.55p.	70	16.1
23	61.65	9.30a.	29.3	3.25p.	98	20.2	58.75	3.30p.	18.1	7.10a.	65	15.5
24	61.60	9.10a.	30.1	3.25p.	94	**16.8**	57.90	2.50p.	**17.2**	5.50a.	53	**13.9**
25	60	8.30a.	30	2.40p.	91	20.5	**54.45**	3.20p.	19.9	1.50a.	56	14
26	**59.50**	9.45p.	26	1.35p.	98	21.1	55.20	2.50a.	21.6	7.55p.	87	**18.8**
27	61.20	10.00p.	32	3.10p.	96	21.3	57.45	3.15p.	21.2	4.30a.	53	18.1
28	62.25	9.15a.	29.3	0.30p.	98	22.1	59	3.30p.	21.1	5.10a.	73	18.4
29	62	8.45a.	31	0.05p.	96	21.7	59	4.05p.	23	10.55p.	64	18.7
30	62.70	8.50a.	30.3	10.20a.	94	21.7	59.65	2.50p.	21.3	6.10a.	66	17.2
31	63.35	8.55a.	30.4	3.35p.	95	21.2	59.85	3.15p.	22	11.55p.	65	17.8
Mean	762.23	.....	30.7	.....	95.8	20.4	758.98	.....	19.8	.....	60	16.5

DAILY GENERAL REMARKS.

1____ ☌2 early in the morning.
2____d° in the afternoon.
3____Cloudy weather.
4____Overcast.
5____Cloudy weather.
6____As yesterday.
7____Do.
8____Do.
9____Coloration of clouds at sunset.
10____Cloudy weather.
11____Do.
12____Fair weather.
13____d° in the morning and afternoon.
14____≡ in the morning; d° in the afternoon.
15____≡° in the morning; d° at noon.
16____d° in the morning; ●° in the afternoon.
17____≡° in the morning.
18____≡° in the morning; ☾° N in the evening.
19____Cloudy weather.
20____Overcast.
21____≡°, Coloration of clouds early in the morning.
22____Convergence of Ci. toward SE in the afternoon.
23____≡° in the morning; convergence of Ci. toward SE in the afternoon.
24____☌ early in the morning; coloration of clouds at sunrise.
25____Gusty Nly winds especially in the evening; ●° at night.
26____Somewhat rainy weather.
27____Cloudy weather.
28____☌° early in the morning; ●° in the afternoon.
29____d° in the afternoon.
30____●° early in the morning; d in the afternoon and at night; slight coloration of clouds at sunset.
31____p° 10.55 a.m.; d° 1.50 p.m.

GENERAL SUMMARY FOR 1918.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS FOR 1918 AND COMPARISONS WITH THEIR NORMAL VALUES.

Monht.	Atmospheric pressure.									
	Mean, 1918.	Normal, 1885–1918.	Departure.	Mean maximum.	Mean minimum.	Absolute maximum.	Day.	Absolute minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	760.73	761.13	—0.40	762.08	759.12	764.25	9	757.79	24	6.46
February	60.93	61.22	— .29	62.38	59.40	65	24	56.49	6	8.51
March	60.40	60.51	— .11	61.87	58.58	64.95	3	56.70	24	8.25
April	58.96	59.36	— .40	60.41	57.06	62.20	20	54.90	13	7.30
May	58.17	58.34	— .17	59.61	56.37	60.75	15	54.85	8	5.90
June	57.10	57.89	— .79	58.68	55.25	60.70	1	45.55	28	15.15
July	56.48	57.21	— .73	57.85	55.28	61.35	31	53	6	8.35
August	57.89	57.34	+ .55	59.17	56.55	60.80	1	54	24	6.80
September	58.03	57.44	+ .59	59.42	56.48	61.55	26	50.45	5	11.10
October	57.98	58.60	— .62	59.51	56.29	63.45	27	48.55	16	14.90
November	60.71	59.38	+1.33	62.04	59.09	63.25	13	58.25	3	5
December	60.72	60.31	+ .41	62.23	58.98	63.75	8	54.45	25	9.30
Year	759.01	759.06	—0.05	760.44	757.37	765	II 24	745.55	VI 28	19.45

Month.	Temperature in shade.									
	Mean, 1918.	Normal, 1885–1918.	Departure.	Mean maximum.	Mean minimum.	Absolute Maximum.	Day.	Absolute minimum.	Day.	Range.
	°C.	°C.	°C.	°C.	°C.	°C.		°C.		°C.
January	23.1	24.8	—1.7	28.5	19.1	30.4	14	15.7	23	14.7
February	23.9	25.2	—1.3	29.4	19.5	32.3	4	15.7	24	16.6
March	25.2	26.6	—1.4	31.6	20	34.8	26	17.5	4	17.3
April	26.9	28.1	—1.2	33.4	21.5	35.4	23	18.3	6	17.1
May	28.1	28.4	— .3	34	23.3	35.4	19	20.6	1	14.8
June	27.2	27.9	— .7	32.5	23.6	35.1	18	22.5	9, 24	12.6
July	26.9	27	— .1	30.6	24.3	33.2	31	22.5	4	10.7
August	26.5	27	— .5	30.5	23.5	32.4	2	22.2	16	10.2
September	26.8	26.8	0	30.6	23.9	32.3	25	22.9	2	9.4
October	26.4	26.6	— .2	30.8	23.5	32.9	27	21.2	17	11.7
November	25.2	25.9	— .7	31.2	21	33	6	18.7	21	14.3
December	24.5	25.1	— .6	30.7	19.8	32.3	5, 10	17.2	24	15.1
Year	25.9	26.6	—0.7	31.2	21.9	35.4	IV 23; V 19	15.7	I 23; II 24	19.7

Month.	Relative humidity.									
	Mean, 1918.	Normal, 1885–1918.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	Per cent.	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*	*Per cent.*		*Per cent.*		*Per cent.*
January	77.5	78.1	—0.6	92.3	59.6	98	19	46.5	23	51.5
February	74.6	74	+ .6	90.7	55.6	98	4, 5, 6, 22	43	23	55
March	74	71.7	+2.3	92.6	53.3	99	11	41	2, 5	58
April	71	70	+1	90.7	50.6	98	21	42	19, 20	56
May	74.7	76	—1.3	92.3	54.7	98	9, 27	45	21	53
June	82.7	80.8	+1.9	95.6	64.3	99	23	53	24	46
July	86.4	84.9	+1.5	96.1	74.2	99	various	62	31	37
August	87.5	85.1	+2.4	97.5	73.9	100	11	65	1, 3, 4	35
September	86.7	85.8	+ .9	97	73.9	99	various	64	28	35
October	86.2	83.9	+2.3	96.4	71.5	99	23, 24, 27	55	29	44
November	83.2	82.6	+ .6	96	63.1	99	18	51	16	48
December	81	81.4	— .4	95.8	60	98	various	48	7, 10	50
Year	80.5	79.5	+0.9	94.4	62.9	100	VIII 11	41	III 2, 5	59

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Vapor pressure.									
	Mean, 1918.	Normal, 1885-1918.	Departure.	Mean maximum.	Mean minimum.	Maximum.	Day.	Minimum.	Day.	Range.
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*		*mm.*		*mm.*
January	16.1	18.1	—2	17.5	14.8	20.9	2	11.7	9	9.2
February	16.4	17.5	—1.1	17.8	14.9	22	5,6	11.2	23	10.8
March	17.4	18.1	—.7	19	15.9	21.9	10	13.2	2	8.7
April	18.4	19.4	—1	19.9	17.1	22.7	26	14.5	6	8.2
May	20.7	21.6	—.9	22.3	19.4	25.5	27	16.1	1	9.4
June	22	22.3	—.3	23.5	20.5	25.3	28	18.9	2	6.4
July	22.7	22.4	+.3	24	21.5	25.7	25	20	3,6	5.7
August	22.3	22.4	—.1	23.7	21	25	3	19.7	13	5.3
September	22.6	22.4	+.2	24	21.3	25.6	9	20.3	1,28	5.3
October	21.9	21.6	+.3	23.6	20.3	24.6	8,20	17.6	16	7
November	19.6	20.3	—.7	22.1	17.7	23.9	28	15.3	19	8.6
December	18.3	19.2	—.9	20.4	16.5	22.6	14	13.9	24	8.7
Year	19.9	20.4	—0.6	21.5	18.4	25.7	VII 25	11.2	II 23	14.5

Month.	Relative frequency of the wind from—											
	NNE—E.			ESE—S.			SSW—W.			WNW—N.		
	Mean, 1918.	Normal, 1885-1918.	Departure.	Mean, 1918.	Normal, 1885-1918.	Departure.	Mean, 1918.	Normal, 1885-1918.	Departure.	Mean, 1918.	Normal, 1885-1918.	Departure.
January	6	7.5	—1.5	1	3.4	—2.4	5	3.3	+1.7	6	4.1	+1.9
February	7	7.3	—.3	4	5.1	—1.1	4	3.6	+.4	4	2.9	+1.1
March	7	6.8	+.2	7	7.4	—.4	4	3.5	+.5	2	2	0
April	5	5.6	—.6	9	8.1	+.9	4	3.9	+.1	2	1.8	+.2
May	6	4.9	+1.1	7	5.4	+1.6	6	6.2	—.2	2	2.4	—.4
June	6	4.3	+1.7	6	5.1	+.9	6	7.3	—1.3	3	2.4	+.6
July	2	3	—1	4	3.7	+.3	16	10.2	+5.8	1	2.5	—1.5
August	3	2.5	+.5	4	2.9	+1.1	13	11.8	+1.2	1	2.2	—1.2
September	4	3.1	+.9	1	3.3	—2.3	14	9.8	+4.2	2	2.4	—.4
October	6	5.6	+.4	4	3.1	+.9	8	5.2	+2.8	2	3.1	—1.1
November	12	7.5	+4.5	2	2.5	—.5	2	3	—1	3	4.3	—1.3
December	10	8	+2	3	2.1	+.9	3	2.6	+.4	3	4.6	—1.6
Year	6.2	5.5	+0.7	4.3	4.3	0	7.1	5.9	+1.2	2.6	2.9	—0.3

Month.	Velocity of the wind.										
	Mean, 1918.	Total, 1918.	Normal, 1893-1918.	Departure.	Daily maximum.	Day.	Daily minimum.	Day.	Range.	Hourly maximum.	Day and hour.
	Km.	*Km.*	*Km.*	*Km.*	*Km.*		*Km.*		*Km.*	*Km.*	
January	129.4	4,011.5	5,239.9	—1,228.4	242	8	63.5	12	178.5	27.5	9, 2-3p.
February	167.1	4,679.5	5,356.6	— 667.1	276	6	97	3	179	32	10, 10-11a.
March	183.5	5,689.5	6,798.3	—1,108.8	271.5	15	101.5	8	170	25	2, {1-2p. 2-3p.
April	202	6,059	6,871.8	— 812.8	273	13	135	25	138	28	13, 3-4p.
May	211.4	6,553	6,934.2	— 381.2	345	27	120	18	225	35	27, 4-5p.
June	220.8	6,624	6,716.1	— 92.1	1,179	29	104.5	20	1,074.5	67	29, 6-7a.
July	415.3	12,875	8,376.2	+4,498.8	709	14	166.5	30	542.5	42	14, 10-11a.
August	257.2	7,974	9,450.2	—1,476.2	477	12	66	15	411	39	30, noon-1p.
September	280.8	8,425.5	7,869.9	+ 555.6	560.5	8	43	26	517.5	37.5	1, 2-3p.
October	204.8	6,348.5	5,478.7	+ 869.8	528.5	2	67.5	10	461	47	22, 9-10p.
November	125	3,748.5	4,903.9	—1,155.4	229	11	70.5	2	158.5	25	10, 2-3p.
December	143.6	4,453	4,866.2	— 413.2	379	25	81.5	28	297.5	35	25, 5-6p.
Year	211.7	77,441	78,862	—1,421	1,179	VI 20	43	IX 26	1,136	67	VI 29, 6-7a.

MONTHLY AND YEARLY RESULTS OF METEOROLOGICAL OBSERVATIONS, ETC.—Continued.

Month.	Duration of sunshine.								Amount of clouds.		
	Mean, 1918.	Total, 1918.	Normal, 1890-1918.	Departure.	Maximum.	Day.	Mean, 1918.	Normal, 1885-1918.	Departure.
	h. m.	h. m.	h. m.	h. m.	h. m.		0-10.	0-10.	0-10.
January	3 46	116 35	183 34	— 66 59	8 20	22	7.5	5.5	+2
February	4 24	123 25	195 14	— 71 49	10 35	27	7.1	5	+2.1
March	6 50	212 00	235 21	— 23 21	10 50	18	4.7	4.5	+ .2
April	7 45	232 20	260 48	— 28 28	11 10	29	4.8	4.1	+ .7
May	7 45	240 15	230 21	+ 9 54	10 35	20	5.4	5.7	— .3
June	4 18	129 15	170 55	— 41 40	8 00	4	7.7	7	+ .7
July	3 28	107 40	142 41	— 35 01	7 35	24	8.4	7.8	+ .6
August	4 46	147 50	141 51	+ 5 59	10 35	4	8.2	7.9	+ .3
September	4 40	140 05	134 19	+ 5 46	10 25	7	7.4	7.8	— .4
October	4 31	140 15	165 32	— 25 17	10 15	6	7.6	6.8	+ .8
November	7 01	210 35	163 16	+ 47 19	9 35	3	4.6	6.3	—1.7
December	5 30	170 45	155 32	+ 15 13	9 05	12	5.7	6.2	— .5
Year	5 24	1,971 00	2,179 24	—208 24	11 10	IV 29	6.6	6.2	+0.4

Month.	Rainfall.									
	Total, 1918.	Normal, 1865-1918.	Departure.	Daily maximum.	Day.	Hourly maximum.	Day and hour.	Rainy days, 1918	Normal, 1866-1918	Departure.
	mm.	mm.	mm.	mm.		mm.				
January	3.2	26.5	— 23.3	2.2	12	1.5	12, 3-4p.	2	5.2	—3.2
February	1.8	10.3	— 8.5	1.3	3	1.3	3, 1-2p.	2	3	—1
March	27.8	18.8	+ 9	25.9	10	16.3	10, 11-mdt.	3	3.4	— .4
April	10.2	34.1	— 23.9	4.5	25	4.5	25, 1-2p.	3	3.9	— .9
May	83.3	104.9	— 21.6	22.6	27	13.6	9, 8-9p.	13	9.7	+3.3
June	224.7	234.1	— 9.4	88.4	29	17.4	29, 7-8a.	17	15.6	+1.4
July	621.9	403.4	+218.5	271.5	9	39.9	10, 5-6a.	25	21.5	+3.5
August	483.7	363.4	+120.3	135.7	11	50.3	19, 6-7p.	21	21.6	— .6
September	338.3	369.8	— 31.5	66.3	11	27.2	24, 6-7p.	24	20.6	+3.4
October	323.5	190.1	+133.4	194.3	15	32	15, 10-11p.	18	16.6	+1.4
November	11.8	128	—116.2	4.5	15	3.8	15, noon-1p.	10	12.5	—2.5
December	29.1	62	— 32.9	17.7	26	6	26, 6-7p.	8	9.2	—1.2
Year	2,159.3	1,945.4	+213.9	271.5	VII 9	50.3	VIII 19, 6-7p.	146	142.8	+3.2

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MAY 29 1922

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1918

PART III

METEOROLOGICAL OBSERVATIONS MADE AT THE SECONDARY STATIONS DURING THE CALENDAR YEAR 1918

MANILA
BUREAU OF PRINTING
1921

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INTRODUCTION.

In this volume (Part III) of the report of the Weather Bureau for 1918 we publish the meteorological observations made in the various stations which at present constitute the meteorological service of the Philippines, a service established by Act No. 131 of the Philippine Commission May 22, 1901.

In Part II of the report for 1902, pages 52 to 60, will be found a detailed account of the establishment and organization of these branch stations and a list of the instruments with which they are equipped, according to their class.

The report of the various observers are carefully collated and examined at the Central Observatory, but it is evident that the Directors cannot assume the full responsibility for the accuracy of these observations. As every meteorologist knows, in observations of this kind much must be left to the conscientious care of the observer. Hence, while we take this opportunity to express our confidence in our observers, we think it proper to subjoin the following list, which gives some particulars about the stations and also the names of the observers who are primarily responsible for the accuracy of the observations in this volume (Part III) of the Annual Report of the Weather Bureau.

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU.

Town.	Province.	North latitude.		East longitude.		Observer.	Class.
		°	′	°	′		
Jolo	Sulu	6	03	121	00	Rufino de la Cruz	III
Zamboanga	Zamboanga	6	54	122	05	Juan Nevado / Juan Lugod	II
Davao	Davao	7	01	125	35	Lamberto Garcia	III
Cotabato	Cotabato	7	13	124	15	Felix Manabat	III
Cagayan	Misamis	8	29	124	38	Juan Hernandez	III
Butuan	Agusan	8	56	125	32	Generoso Copin	III
Mambajao	Misamis	9	14	124	43	Guillermo Cabriole	IV
Dumaguete	Oriental Negros	9	18	123	19	Matias Ordiales	III
Yap	Western Carolines	9	29	138	08	Prudencio Z. Urbiztondo	III
Tagbilaran	Bohol	9	38	123	51	Francisco Burgos / Anacleto Inciong	II
Iwahig	Palawan	9	44	118	38	Dionisio Crisanto	III
Surigao	Surigao	9	48	125	29	Francisco Tiangco / Rufino de la Cruz	II
Maasin	Leyte	10	08	124	50	Aguedo P. Espina	III
Cebu	Cebu	10	18	123	54	Domingo de los Angeles	I
Iloilo	Iloilo	10	42	122	34	Ricardo A. Luna	I
San Jose de Buenavista	Antique	10	44	121	55	Teodoro Peñeiro	III
Cuyo	Palawan	10	51	121	01	Roman Kabigting	III
Ormoc	Leyte	11	00	124	36	Severo Bande	III
Guiuan	Samar	11	02	125	44	Patricio Yabao	III
Tacloban	Leyte	11	15	125	00	Ezequiel Reinoso	II
Capiz	Capiz	11	35	122	45	Pedro M. Asturias	II
Borongan	Samar	11	37	125	26	Godofredo Bacolo	III
Catbalogan	do	11	47	124	54	Clemente M. Letaba	III
Calbayog	do	12	04	124	36	Segundo Peñaflorida	II
Masbate	Sorsogon	12	22	123	36	Vicente M. Sañano	IV
Romblon	Capiz	12	35	122	16	Dolorito Contreras	III
Batag	Samar	12	40	125	04	Placido A. Edroso	IV
Sorsogon	Sorsogon	12	58	124	00	Agustin Mendoza	III
Legaspi, Albay	Albay	13	09	123	45	Bernardino Costa	I
Sumay, Guam	Ladrone Islands	13	24	144	38	William Pimley	III
Calapan	Mindoro	13	25	121	11	Aquilino Nokom	III
Virac	Albay	13	35	124	14	Eusebio Talion	III

SECONDARY STATIONS AND OBSERVERS OF THE WEATHER BUREAU—Continued.

Town.	Province.	North latitude.		East longitude.		Observer.	Class.
		°	′	°	′		
Naga	Ambos Camarines	13	37	123	11	Eduardo Ontengco	III
Batangas	Batangas	13	45	121	03	Jose N. Cabrera	III
Lucena	Tayabas	13	56	121	37	Vicente Valderrama	III
Atimonan	do	14	00	121	55	Pedro Baltasar	I
Ambulong, Tanauan	Batangas	14	07	121	04	Gregorio Peralta	II
Canlubang, Calamba	Laguna	14	13	121	07	Nicolas Princena	IV
Paracale	Ambos Camarines	14	17	122	47	Benito Pelaez	II
Santa Cruz	Laguna	14	18	121	25	Doroteo Eusebio	III
Antipolo	Rizal	14	36	121	10	Valeriano Garcia	IV
San Isidro	Nueva Ecija	15	19	120	55	Bernardo Pecache	II
Iba	Zambales	15	20	119	58	Antonio Gaza / Emiterio Mateo	III
Dagupan	Pangasinan	16	03	120	20	Jose M. Sison	I
Bolinao	do	16	24	119	53	Lorenzo Goli	III
Baguio	Mountain	16	25	120	36	Pastor P. Daroy	I
San Fernando	La Union	16	37	120	19	Estanislao F. Feraren	III
Echagüe	Isabela	16	42	121	39	Benito Maramba / Fernando Abad	III
Candon	Ilocos Sur	17	12	120	26	Luis Quismorio	IV
Vigan	do	17	34	120	23	Jose de Jesus / Francisco Tiangco	II
Tuguegarao	Cagayan	17	36	121	43	Jose C. de Leon	II
Laoag	Ilocos Norte	18	12	120	35	Jose Saez	II
Aparri	Cagayan	18	22	121	38	Manuel Delgado	I
Cape Bojeador	Ilocos Norte	18	31	120	36	Fabian Velasquez	IV
Basco	Batanes	20	28	121	59	Claudio Castillejos	III

REMARKS.

The hours of observations at the first and second class stations are 2 a. m., 6 a. m., 10 a. m., 2 p. m., 6 p. m., 10 p. m.; at the third and fourth class stations, 6 a. m. and 2 p. m. The time used is that of the one hundred and twentieth meridian east of Greenwich.

The barometer readings are reduced to sea level and 0° C., but no correction has been applied to eliminate the effect of gravity depending on the latitude of the place of observation.

INTERNATIONAL SYMBOLS FOR CLOUD FORMS.

Ci.	=Cirrus.	Cu.-N.	=Cumulo-nimbus.
Ci.-S.	=Cirro-stratus.	S.	=Stratus.
Ci.-Cu.	=Cirro-cumulus.	Fr.-Cu.	=Fracto-cumulus.
A.-Cu.	=Alto-cumulus.	Fr.-N.	=Fracto-nimbus.
A.-S.	=Alto-stratus.	Fr.-S.	=Fracto-stratus.
S.-Cu.	=Strato-cumulus.	S.-cf.	=Stratus-cumuliformis.
N.	=Nimbus.	N.-cf.	=Nimbus-cumuliformis.
Cu.	=Cumulus.	M.-Cu.	=Mammato-cumulus.

METEOROLOGICAL OBSERVATIONS MADE AT FIRST AND SECOND CLASS STATIONS DURING THE CALENDAR YEAR 1918.

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.63	58.97	60.10	57.63	58.60	59.80	58.96	23.5	23	27.5	28.5	27.2	24.5	25.7	28.9	22.4	87	87	79	72	78	81	80.7	.....
2..	59.07	59.17	59.93	57.78	58.23	59.60	58.96	23.4	23	27	27.8	27.3	25.5	25.7	28.3	22.5	82	83	82	82	84	89	83.7	.....
3..	58.37	58.29	59.38	57.25	58.03	59.20	58.42	24.6	23.5	31.1	31.5	27.5	24.8	27.2	32	22.8	88	91	64	63	82	90	79.7	2.8
4..	58.74	58.94	60.10	58.05	58.80	60.11	59.12	23.7	23.2	26.9	26.4	26.1	24.5	25.1	28	22.8	93	95	77	87	84	87	87.2	5.6
5..	59.62	59.35	59.73	57.46	57.59	59.04	58.80	23.8	22.9	27.4	28.2	27.2	24	25.6	28.9	22.3	93	95	77	76	72	89	83.7	1.8
6..	58.24	58.28	59.72	57.28	57.66	58.92	58.35	23	22.8	27	28.9	27.3	24.6	25.6	29.4	22.3	93	93	77	71	81	91	84.3	.....
7..	57.87	57.98	58.55	56.54	57.38	58.62	57.82	23.4	22.3	29.6	28.1	27.3	24.5	25.9	31.6	21.6	90	88	64	77	81	87	81.2	.....
8..	57.88	58.20	59.07	57.01	57.75	59.11	58.17	23.5	22.7	29.8	32.7	27.5	25	26.9	32.8	22.3	90	90	62	52	78	86	76.3	1.3
9..	57.72	57.54	58.44	57.03	58.40	59.17	58.05	24.4	24.8	28.1	29	25.2	24.5	26	30.3	23.4	76	73	63	60	78	79	71.5	.....
10..	57.78	57.32	59.06	57.64	57.91	59.67	58.23	24.3	24.7	28	31	27.2	24.3	26.6	31.8	23.3	76	75	66	56	73	81	71.2	.....
11..	58.78	58.92	59.89	57.74	58.24	60.10	58.94	23.7	23.5	29.7	27.7	26.3	24.6	25.9	31.3	23.1	85	85	63	78	82	89	80.3	13.5
12..	58.76	58.44	59.52	57.35	57.64	58.46	58.36	24.5	23.2	30.2	27.9	26.3	24.7	26.1	31	22.4	88	96	64	78	83	88	82.8	.....
13..	57.97	58.02	58.85	56.90	57.18	58.38	57.88	23.8	23	29.3	28.5	27.5	24.7	26.1	31.4	22.5	87	90	71	74	78	90	81.7	.....
14..	57.86	58.32	59.40	57.30	57.78	59.07	58.29	23.7	23.5	27.3	29.9	27.5	25	26.2	32	23	87	87	82	68	81	83	81.3	22.4
15..	58.27	58.47	59.32	57.61	58.26	59.32	58.54	23.9	23.4	30	28.5	27.5	24.7	26.3	30.8	22.6	91	92	63	75	78	94	82.2	1.6
16..	58.27	58.79	59.11	56.99	57.69	59.35	58.37	23.8	23.5	27.5	27.9	26.9	24	25.6	28.7	22.9	92	92	77	78	77	93	84.8	32
17..	58.44	59.03	59.42	57.52	57.57	58.65	58.44	23.7	22.5	24.7	25.7	25.1	23	24.1	26.2	21.8	94	96	91	82	87	92	90.3	.8
18..	57.52	58.06	59.24	57.20	57.22	58.54	57.96	22.5	22.1	26.5	27.9	27.2	23.7	25	29.5	21.7	91	90	80	74	79	85	83.2	.....
19..	57.72	57.44	58.71	57.10	57.55	58.75	57.88	23	22.5	26.7	27.3	26.5	24.6	25.1	27.8	22	89	91	85	81	86	96	88	.....
20..	57.97	57.97	59.20	56.75	56.70	58.42	57.84	23.4	22.8	26.5	27.1	27.2	24.7	25.3	31.5	22.3	90	88	78	81	79	93	84.8	.....
21..	57.07	57.14	58.20	56.20	56.89	58.20	57.28	24.1	23.7	29.2	28.6	27.5	24.8	26.3	31.3	23.2	92	89	63	73	78	88	80.5	.3
22..	56.83	57.12	58.10	56.44	57.15	58.72	57.39	24.3	24	30.3	27.3	26	24.6	26.1	31.2	23.	91	91	62	82	85	87	83	1
23..	57.23	57.27	58.16	56.05	56.95	58.32	57.33	24.5	23.8	28.5	27.5	26.8	24.5	25.9	29.2	23.1	86	86	70	73	83	87	80.8	2.3
24..	56.57	56.72	56.63	55.23	55.85	56.88	56.31	23.5	23.2	28.2	27.5	26.5	24.7	25.6	29.5	22.7	90	90	72	78	80	86	82.7	2.8
25..	55.77	55.59	56.80	55.04	55.70	57.15	56.01	23.7	23.3	29.8	28.3	26.8	25.4	26.2	31.5	22.4	93	96	67	75	83	88	83.7	15.5
26..	56.89	56.09	57.44	55.55	55.88	56.85	56.45	23.7	22.8	29.2	27.8	28	24.5	26	31.3	22.3	92	97	70	76	74	93	83.7	.5
27..	56.29	57.14	58.63	55.36	56.14	57.98	56.92	24.3	24.4	25.6	26	25.8	24.7	25.1	28	23.5	88	87	84	90	89	92	88.3	3
28..	57.14	57.22	57.78	55.75	56	57.17	56.84	23.7	22.5	29.8	27.7	26.3	25	25.8	31.3	22.1	93	94	66	79	86	92	85	.3
29..	56.14	56.42	57.49	56.70	56.57	57.64	56.83	24.4	23.2	29.8	24.7	26.3	25	25.6	30.8	22.7	91	90	61	92	85	87	84.3	11.9
30..	56.82	57.59	58.57	56.80	57.24	58.99	57.67	24.1	22.9	25	27.4	25.3	23.5	24.7	28.3	22.2	91	92	80	72	83	96	85.7	23.3
31..	57.92	57.93	58.95	56.77	58.07	59.27	58.15	23.4	23.2	29	27.8	24.5	23.8	25.3	29.9	22.5	96	96	71	76	92	91	87	.5
Mean	57.75	57.86	58.82	56.84	57.37	58.69	57.89	23.8	23.2	28.2	28.1	26.7	24.5	25.8	30.1	22.6	89.2	89.8	72	75.2	81.3	88.7	82.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	143.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NNE	S	W	NW	NE	25.7	33.3	62.6	22.7	144.3	7	Ci.-S.	Cu.	8	Ci.	Cu.
2..	N	NNE	SSW	W	W	NE	33.6	42.4	158.3	29.6	263.9	4	Ci.	N.	8	Ci.-S.	Fr.-N. W
3..	Calm	NE	SE	ENE	S	N	11.9	53.3	70.3	17.9	153.4	5	Ci.	Cu.	8	Ci.-S.	Fr.-N. E
4..	N	NNE	S	SE	WNW	NE	19	22.7	85	19.8	146.5	10	Ci.-S.	N.	8	Ci.-S.	Cu.
5..	N	NNE	SSE	W	W	NE	19.6	42.1	80.8	21.4	163.9	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. W
6..	N	NNE	S	W	NW	Calm	22.5	38	51.2	14.3	126	9	Ci.	Fr.-N.	9	Ci.-S.	Fr.-N. E
7..	N	NE	E	SSW	N	NNE	24.1	46.2	64.2	15.8	150.3	4	Ci.	Cu.	8	Ci.-S.	Fr.-N. NE
8..	N	Calm	NE	ESE	W	E	14.8	47.8	61.7	21.4	145.7	7	Ci.	Cu.	8	Ci.	Cu.
9..	N	NE	E	E	NE	ENE	19.9	58.2	52.1	32.4	162.6	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. E
10..	ENE	E	E	ENE	E	NNE	33	55.3	50.4	14.5	153.2	10	Ci.-S.	Fr.-N. E	8	Ci.-S.	Fr.-N. ENE
11..	NNE	Calm	E	SSE	WNW	NNE	15.6	47.3	60.9	15	138.8	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. SE
12..	ENE	Calm	E	W	Calm	NNE	27.2	41.5	78.1	19	165.8	9	Ci.-S.	N.	7	Ci.-S.	Cu. W
13..	NNW	NE	ESE	W	Calm	NNE	20.7	42.8	57.3	17.7	138.5	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
14..	N	NNE	E	ESE	ENE	NNE	21.2	40.4	51.3	19.1	132	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu.-N. E
15..	NNW	NNE	NNW	WSW	W	Calm	24.6	39.2	64.2	22.7	150.7	7	Ci.-Cu.	Fr.-N	8	Ci.-S.	Fr.-N. NE
16..	N	NE	SE	W	W	NE	16.4	65.7	100.8	16.1	199	10	Ci.-S.	Fr.-N. NE	7	Ci.	Cu.
17..	Calm	N	WNW	W	NW	NNE	19.9	27.9	88.7	25.5	162	10	.....	N.	9	Ci.-S.	Fr.-N. W
18..	N	NNE	SE	SE	ENE	N	28.5	30.8	81.1	20.3	160.7	8	A.-Cu.	Fr.-N.	7	Ci.-S.	Cu. NE
19..	N	NNE	SE	W	W	Calm	32.5	40.2	81.1	34	187.8	6	Ci.	Cu.	7	Ci.-S.	Cu.
20..	N	N	E	WSW	WSW	NNE	29	30.3	71.8	19	150.1	7	Ci.	N.	8	Ci.-S.	Cu. NE
21..	N	NNE	NNE	WSW	NE	Calm	17.7	29.2	48.3	21.9	112.1	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.
22..	Calm	NE	NE	W	NW	NE	19	36.5	60.4	18	133.9	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
23..	Calm	NE	N	WSW	NW	ENE	19.6	53.1	48.9	29.6	151.2	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. NE
24..	NNW	ENE	NE	NW	Calm	Calm	19.9	40.2	52.9	9.7	122.7	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. NE
25..	Calm	NE	NE	WSW	Calm	Calm	19.6	39.9	65.2	16.4	141.1	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. NE
26..	N	Calm	E	W	SE	NNW	26.8	50.5	70.8	22.3	170.4	9	Ci.-S.	Fr.-N.	4	Ci.	Cu.
27..	N	ENE	S	SW	Calm	Calm	25.1	57.1	45.3	15.3	142.8	10	.....	N.	8	Ci.-S.	Fr.-N.
28..	N	NE	ENE	W	NW	E	17.2	35.9	83.7	23.3	160.1	7	Ci.	Cu.	8	Ci.-S.	Fr.-Cu. E
29..	N	Calm	NE	SW	Calm	E	20.1	44	25.9	21.5	111.5	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. NE
30..	Calm	SW	W	SSW	NE	NE	19.1	27.9	38.4	26.8	112.2	10	.....	N.	10	Ci.-S.	Fr.-N.
31..	NE	ENE	ENE	SE	N	ENE	16.6	47	63.1	24.4	151.1	10	Ci.-S.	Fr.-N. NE	5	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	21.9	42.2	66.8	20.9	151.8	8.6	.....	.....	8.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,704.3	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.27	58.43	59.47	57.45	58.05	59.03	58.45	23.1	22.3	28.2	28.5	25.5	24	25.3	31	21.5	92	93	69	73	88	94	84.8	5.1
2..	58.06	58.24	59	57.44	58.36	59.31	58.40	23.5	23.4	27.8	29.1	25.8	24.5	25.7	30.7	22.9	94	93	79	72	86	87	85.2	.6
3..	58.34	58.43	59.70	57.77	57.73	59.29	58.54	23.6	23.8	25.7	23.7	24.7	23.7	24.2	28.8	22.7	93	93	91	96	91	85	91.5	16.3
4..	58.17	58 48	59.15	57.08	57.40	58.93	58.20	23.1	23.2	29.4	30.8	27.8	24.1	26.4	31.5	22.5	92	97	68	59	77	92	80.8	1.5
5..	57.79	58.67	59.48	57.49	57.68	58.43	58.26	23.4	23.1	27	25.7	27.5	24.6	25.2	30	22.4	92	92	77	80	73	87	83.5	.....
6..	57.33	58.15	58.83	56.58	56.52	57.45	57.48	23.3	22 8	27.3	27.8	27.2	24.6	25.5	29.1	22.4	86	86	76	74	78	92	82	.....
7..	57.04	57.23	58	55.62	56.21	57.32	56.90	23.8	23	27.5	29	28	25.2	26.1	30.6	22.6	86	90	81	69	77	88	81.8	.....
8..	56.77	57.15	57.98	56.33	56.69	58.36	57.21	23.2	23	29.9	28.1	26.4	25	25.9	31.6	22.5	85	85	60	74	87	87	79.7	7.9
9..	57.04	57.62	59.22	56.83	57.68	58.27	57.78	24	23	27.2	27.3	26.7	25.5	25.6	29.6	22.3	86	86	68	68	77	76	76.8	.....
10..	57.63	58.20	58.71	57.23	57.55	58.24	57.93	24	23.6	26.8	27.5	27.2	24.1	25.5	28	23.2	83	83	73	73	74	91	79.5	.....
11..	57.88	58.12	59.06	57.22	57.75	58.47	58.08	23.1	22.6	26.1	28	26	24.5	25.1	28.3	22	90	90	85	79	82	92	86.3	.8
12..	57.84	58.37	58.99	57.15	57.58	58.90	58.14	23.1	22.8	27.2	27.1	27.1	25	25.4	28.2	22	93	93	77	81	78	85	84.5	2.3
13..	58.02	58.09	58.83	57.35	57.55	58.91	58.12	24.2	23.2	28.2	27.8	26.7	24.5	25.8	31	22.7	90	96	79	71	80	87	83.8	.3
14..	58.12	58.39	59.21	57 04	57.50	58.99	58.21	23 6	23.5	26.9	27.8	27.2	26	25.8	28.7	22.8	91	91	83	82	83	88	86.3	.....
15..	57.67	58.29	59.17	57.34	58.07	59.33	58.31	24.2	23.8	27.6	28	27	24.7	25.9	29.3	23.1	87	87	78	78	82	89	83.5	.....
16..	58.49	59.37	60.15	57.73	58.36	60.10	59.03	23.8	23.2	27.2	28.2	27.7	25	25.8	29.6	22.7	90	90	79	78	80	92	84.8	.....
17..	58.87	59.50	60.59	57.55	58.30	59.95	59.13	23.7	23.1	27.2	27.7	27.5	25.2	25.7	31.2	22.2	90	90	81	81	79	86	84.5	.....
18..	58.19	58.37	59.88	57.68	58.35	59.72	58.70	24.3	23.4	26.7	25.5	26.2	24.6	25.1	27.2	23	89	90	82	80	79	91	85.2	.3
19..	58.76	59.34	59.97	57.75	58.31	59.24	58.90	23.7	23.3	24	27	8	26.5	23.8	24.8	28.3	22.9	91	92	91	74	74	87	84.8	3.6
20..	58.62	59.68	60.57	58.71	59.08	60.54	59.53	23.5	23.5	24.2	25.4	25.5	24.2	24.4	26.7	22	90	90	92	84	83	90	88.2	15.3
21..	59.58	60 12	61.03	58.89	59.29	61.04	59.99	23	22.9	27.2	27.4	26.5	24.6	25.3	28	22	96	76	75	74	80	92	85.5	.3
22..	59.96	60 .02	61.10	58.55	58.93	60.74	59.88	23.9	23	27	27.8	27.5	24.7	25.6	28.3	22.5	90	89	77	71	74	87	81.3	.....
23..	59.70	59.92	60 83	59.25	59.58	60.97	60.04	23.3	22.5	29.2	27.5	26.1	23	25.3	30.5	21.9	87	87	60	66	76	84	76.7	.....
24..	60.40	60 .62	61.63	59.89	60.40	61.22	60.69	21.8	20.8	26.7	27.3	26.9	24	24.6	28	20.2	87	81	69	71	72	81	76.8	.....
25..	60.13	60.36	61.48	59.39	59.86	60.46	60.28	22.6	22.3	28.5	27.3	26.3	24.5	25.2	29	21.5	79	77	64	71	78	86	75.8	1.5
26..	59.64	59.72	60.32	58.68	58.94	59.81	59.52	23.5	22.6	30.2	28.2	27.5	24.6	26.1	30.8	22.2	87	92	64	75	76	82	79.3	.....
27..	59.13	60	60.43	58.79	59.38	60.33	59.68	23.6	23.1	27.7	27.5	27	25	25.6	31	22.6	88	89	83	81	82	86	84.8	.....
28..	59.25	59.72	60.13	58.73	59.53	60.30	59.61	23.7	23.2	27	27.8	27.1	25	25.6	28.5	22.5	85	86	79	74	76	83	80.5	.....
Mean	58.45	58.88	59.75	57.77	58.24	59.42	58.75	23.5	23		27.3	27.6	26.8	24.6	25.4	29.4	22.4	88.9	89.4	76.4	75.3	79.4	87.4	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1..	N	NE	SE	ESE	SE	NE	19.5	54.5	52.3	18.3	144.6	8	Ci.	Cu.	9	Ci.-S.	N. E
2..	N	Calm	ESE	SW	W	N	16.6	46.5	91.4	25.7	180.2	8	Ci.-S.	Fr.-N. E	8	Ci.-S.	Fr.-N. E
3..	N	NE	NE	NE	Calm	N	20.4	40.5	36	18.3	115.2	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
4..	NNE	NNE	ESE	ESE	NE	NNE	21.5	56.3	85.8	26	189.6	7	Ci.-Cu.	Fr.-N.	7	Ci.	Cu. E
5..	N	NE	SE	S	W	Calm	20.7	38.6	58.1	14.8	132.2	9	Ci.-S.	N.	8	Ci.-S.	Fr.-N.
6..	N	NE	S	W	WNW	NNE	24.4	37.6	130.9	22.8	215.7	8	Ci.-S.	Fr.-N.	7	Ci.	Cu.-N.
7..	NNE	NNE	SSE	SE	NNE	Calm	29	29.8	46.7	16.7	122.2	8	Ci.	Cu.	8	Ci.-S.	Fr.-N.
8..	Calm	NE	ENE	SSW	Calm	NE	24.9	45.3	48.1	17.1	135.4	8	Ci.-S.	Fr.-N.	7	Ci.-Cu.	Cu.-N. NE
9..	Calm	NE	NNW	SSW	N	E	13.5	31.9	51.5	20.9	117.8	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
10..	Calm	N	W	WSW	W	N	11	46.4	41.3	20.1	118.8	10	Ci.-S.	Fr.-N.	10	A.-S.	Fr.-N.
11..	N	Calm	ENE	ESE	W	E	24.7	25.1	52.1	17.9	119.8	9	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
12..	N	NNE	SSE	SW	W	NE	17.4	30.1	63.3	23.6	134.4	9	.....	Fr.-N.	8	Ci.-S.	N.
13..	NNE	NNE	ENE	SE	NE	NNE	26.6	44.6	46.2	18.7	136.1	10	Ci.-S.	Fr.-N. SE	10	Ci.-S.	N. SE
14..	Calm	NNE	SSW	W	WNW	SW	20.4	31.1	92.2	39.9	183.6	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.
15..	N	NE	S	W	WNW	Calm	22.8	40.7	83.5	18.3	165.3	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu.-N.
16..	N	NNE	S	W	SE	NNW	19.3	43.5	52.8	16.7	132.3	4	Ci.	Cu.	8	Ci.-S.	Fr.-Cu.
17..	N	NE	SE	W	NW	NNE	30.6	26	76.2	21.2	154	10	Ci.-S.	N.	7	A.-Cu.	Cu.-N.
18..	NNE	E	W	SSW	WNW	Calm	19.5	19.1	71.8	14.7	125.1	10	Ci.-S.	N.	10	A.-S.	Fr.-N.
19..	NE	NE	E	ENE	SW	NE	18.3	43.8	54.9	18.3	135.3	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.ENE
20..	Calm	E	NE	W	SSE	E	16.4	46.2	31.2	26.8	120.6	10	.....	N.	10	Ci.-S.	Fr.-N.
21..	E	E	NE	WNW	Calm	NE	13.4	42.4	18.3	15.1	89.2	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
22..	N	Calm	SSE	S	NE	NNE	20.6	43.6	51	19.8	135	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. NE
23..	NE	E	E	E	Calm	N	17.2	45.7	56.1	21.9	140.9	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
24..	N	NE	W	W	N	N	26.9	40.2	62.5	23.5	153.1	6	Ci.	N.	6	Ci.-Cu.	Cu.-N.
25..	N	NNE	WNW	WSW	NE	NNE	32.8	48	46.4	23.6	150.8	10	Ci.-S.	Fr.-N.	10	A.-S.	N.
26..	N	NE	E	W	W	N	22.8	37.8	74.2	28	162.8	8	A.-Cu.	Cu.	4	Ci.	Cu.
27..	N	NE	W	W	Calm	NE	26.8	59.5	83.4	14.8	184.5	4	Ci.-Cu.	N.	8	Ci.-S.	Cu.
28..	N	E	W	SW	SSW	NNE	17.9	49 4	54.9	21.2	143.4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	21.3	40.9	61.2	20.9	144.2	8.6	.....	.....	8.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,037.9	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.14	59.57	60.78	58.45	58.95	60.26	59.52	23.8	23.5	26.9	28.1	27.5	25	25.8	28.5	23	86	84	79	73	84	85	81.8	.....
2..	59.65	59.40	60.85	58.99	60.11	61.29	60.05	24	22	29.2	28.2	26.5	22.7	25.4	31.4	21.7	86	92	66	69	82	92	81.2	8.4
3..	60.89	61.31	61.79	59.64	59.95	61.71	60.88	23.5	23.1	27	27.9	27.8	25.1	25.7	29.5	22.5	85	86	80	77	75	90	82.2	5.1
4..	60.36	60.20	61.25	58.72	58.83	60.45	59.97	23.7	23.5	27	27.6	27.1	24.9	25.6	31.3	23	87	83	76	78	76	84	80.7	5.8
5..	59.70	59.80	60.48	58.66	59.18	60.40	59.70	23.1	22.9	29.2	25	25.8	22.7	24.8	30.8	22	90	90	65	92	86	89	85.3	9.1
6..	59.21	59.92	60.65	58.64	58.93	60.46	59.64	22	22	26.7	27.8	27.6	25.4	25.2	28.5	21	90	89	77	75	73	82	81	.3
7..	59.44	59.40	60.13	58.38	58.42	59.86	59.27	24.1	23.5	27.2	27.7	26	25	25.6	28	23.1	91	94	81	77	82	88	85.5	.....
8..	58.61	58.84	60.24	58.13	58.24	59.99	59.01	23.8	23	27.4	27.4	27	25.8	25.7	28	22.7	89	91	74	81	78	85	83	.....
9..	58.74	59	60.12	58.13	57.90	59.75	58.94	24.3	23	27.5	28.5	27.1	24.7	25.8	30	22.4	91	91	79	74	83	90	84.7	7.1
10..	58.87	59.37	60.47	58.24	58.65	60.29	59.32	23.5	24.1	26.8	27.2	26	24	25.3	28.7	23	92	95	83	83	81	86	86.7	.....
11..	59.37	60.01	60.88	58.41	58.37	59.91	59.49	22.9	22.5	27	27.8	26.7	25.7	25.4	28.8	21.7	89	89	82	82	83	82	84.5	.....
12..	58.47	58.73	59.83	57.51	57.54	59.03	58.52	24.7	23	27.9	28.8	27.3	24.4	26	31.2	22.5	86	91	79	77	78	84	82.5	.8
13..	57.89	58.45	59.70	57.18	57.74	59.55	58.42	23.1	22.6	27.2	27.7	28	24.7	25.6	29.6	22	91	92	81	85	81	82	85.3	.....
14..	58.88	59.40	60.67	58.37	58.01	59.87	59.20	23	22.6	27.2	28	27.5	24	25.4	29.4	21.2	87	86	79	77	78	88	82.5	.....
15..	59.18	59.76	60.75	58.78	58.84	60.39	59.62	22	21.2	26.2	28	27.3	23.3	24.7	29.4	20.2	87	84	83	82	66	84	81	.....
16..	59.85	60.19	61.28	58.65	58.80	60.76	59.92	21.6	21.8	27.2	30.6	27.8	24	25.5	31.3	20.8	84	71	72	58	79	79	73.8	.....
17..	60	60.52	61.49	59.68	60.07	61.36	60.52	22.5	21.8	26.5	27.8	27	23.8	24.9	30.4	21.4	86	86	80	80	84	91	84.5	.....
18..	60.82	61.08	62.10	59.53	59.70	61.55	60.80	23	22.7	26.9	28	27.5	24.9	25.5	28.5	22	87	83	85	81	81	88	84.2	.8
19..	60.25	60.52	61.18	60.08	59.73	60.31	60.34	24.4	23.5	26.6	26.5	26	23.8	25.1	27.	23	90	91	77	86	80	87	85.2	.....
20..	59.32	59.62	60.33	58.53	57.96	59.26	59.17	23.2	23	29	27.8	26.6	24.2	25.6	29.7	22.5	90	85	66	75	82	90	81.3	.....
21..	58.54	58.57	59.40	57.50	57.55	59.06	58.44	23	22.8	27	29.1	27.8	25.2	25.8	30.4	22.4	90	89	78	73	79	88	82.8	.....
22..	58.13	58.44	59.77	57.26	58.15	59.85	58.60	24.3	23.7	27.7	29.1	27.1	25.2	26.2	29.5	22.8	86	85	83	74	80	84	82	.....
23..	58.82	59.27	60.03	57.68	57.70	58.80	58.72	24.1	23.4	28.5	28	27.3	25	26	31.7	22.7	88	88	78	79	84	89	84.3	.....
24..	57.94	58.09	59.44	57.43	57.23	59.01	58.19	24	23.6	26.6	28	27.8	24.7	25.8	29.7	23.1	92	93	87	79	79	90	86.7	.8
25..	58.09	58.24	59.61	57.80	57.04	59.13	58.32	24.4	24.2	27.1	28.5	28	25.3	26.2	28.8	23.2	90	86	80	75	77	85	82.5	.....
26..	57.94	58.28	59.30	57.85	58.16	60.13	58.61	24.7	23.6	29.5	29	27.5	24	26.4	31.5	23.2	86	92	68	81	86	90	83.8	9.6
27..	58.51	58.40	59.98	58.11	58.82	61.06	59.15	23.6	23.3	26.6	24.8	25.7	22.6	24.4	27.2	22.2	89	89	83	90	84	97	88.7	26.9
28..	59.72	59.47	59.23	56.95	57.55	58.18	58.52	22.7	23	27.3	29.2	27.3	24.2	25.6	29.9	22.2	97	96	77	72	81	90	85.5	.3
29..	57.82	58.24	59.71	57.63	57.71	58.75	58.31	25.4	23.9	27.2	27.8	27	24.3	25.9	29.3	23.1	85	86	79	79	81	87	82.8	.....
30..	57.97	58.07	59	56.98	57.20	60.17	58.23	23.3	22.7	29	28.2	27.3	24.8	25.9	30.4	22.3	89	85	76	85	78	85	83	1.3
31..	58.17	58.57	59.18	57.43	57.89	59.02	58.38	23.6	23.9	27.1	27.8	26.7	24.5	25.6	28	22.9	88	88	81	83	83	89	85.3	3.6
Mean	59.04	59.31	60.31	58.24	58.42	59.99	59.22	23.5	23	27.4	27.9	27.1	24.4	25.6	29.6	22.3	88.5	88.1	77.9	78.5	80.2	87.1	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	NE	SSW	W	WNW	ENE	26.9	42.4	95.3	20.6	185.2	9	Ci.-S.	Fr.-N.	4	Ci.	Cu.
2..	NE	NE	ENE	SW	W	N	37.2	61	76.9	19.9	195	8	A.-Cu.	N.	8	Ci.	Cu.
3..	Calm	NNE	WSW	W	SSW	SE	20.6	48.9	71.3	22.7	163.5	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N. NE
4..	NE	E	WSW	W	WNW	NNE	25.7	46.5	72.5	27.2	171.9	10	Ci.-S.	N.	7	A.-Cu.	Cu.-N.
5..	Calm	Calm	SE	NW	WSW	NE	14	27.6	73.2	37.2	152	9	A.-Cu.	Fr.-N.	9	Ci.-S.	Fr.-N.
6..	Calm	NNE	W	W	W	NNE	19.1	39.1	91.9	23.6	173.7	2	Ci.	N.	7	Ci.-Cu.	Cu.-N. NE
7..	N	Calm	W	W	WNW	NNE	28.8	60.7	102.4	23	214.9	8	A.-Cu.	Fr.-N.	8	Ci.-S.	Cu.-N. W
8..	NNW	NNE	W	W	WNW	SSW	27.1	49.3	100.9	55.2	232.5	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Cu. W
9..	N	NNE	W	W	W	N	27.7	33.8	109.6	24.6	195.7	4	Ci.	Fr.-Cu.	7	Ci.	Cu. W
10..	Calm	NNW	W	W	WNW	Calm	39.7	52	130.7	22.3	244.7	9	Ci.	Fr.-N.	8	Ci.	Fr.-N.
11..	N	WNW	W	W	W	WNW	23.9	81.5	167.9	74.6	347.9	4	Ci.	N.	4	Ci.-Cu.	Cu.
12..	NNE	NNE	W	WSW	WNW	Calm	31.9	62.5	69.5	18.3	182.2	3	Ci.	Cu.	7	Ci.	Fr.-Cu. W
13..	N	N	S	W	WSW	N	22.7	54.2	132	34.4	243.3	2	.....	Cu.	4	Ci.-S.	Cu.-N. W
14..	N	NNE	S	W	NW	NNE	20.3	42.9	152.1	16.3	231.6	2	Ci.	Cu.	4	Ci.	Cu.-N. W
15..	N	NNE	SSW	W	E	Calm	25.1	41.5	91.7	14	172.3	2	Ci.	S.	3	Ci.	Cu.
16..	NNE	NNE	SSW	W	WNW	NNE	25.7	31.9	117.5	20.3	195.4	2	Ci.	S.	3	Ci.	Cu.
17..	N	N	S	SE	WNW	Calm	33	56.5	101.7	22.8	214	2	Ci.	Cu.	2	.....	Cu.
18..	NE	NE	SSE	SE	WNW	N	28.4	63.4	101.7	21.9	215.4	5	Ci.	S.	4	.....	Cu.
19..	N	ESE	SE	S	W	N	23.5	51.2	59.8	25.2	159.7	10	.....	N.	10	Ci.-S.	Fr.-N.
20..	Calm	N	ENE	S	WNW	NNE	16.6	39.2	64.1	31.6	151.5	9	Ci.-S.	Fr.-N. E	9	Ci.-S.	Fr.-N.
21..	N	N	S	ESE	SSE	NE	27.6	45.4	105.6	25.4	204	7	A.-Cu.	N.	7	Ci.-S.	Cu.
22..	N	NW	W	W	NNE	NNE	25.9	78.7	66.5	20.4	191.5	4	Ci.	Cu.	8	Ci.-S.	N.
23..	NNE	NE	SE	SW	W	N	25.5	52.1	55.3	18.2	151.1	8	Ci.	N.	8	Ci.-S.	Fr.-N.
24..	N	NNE	S	W	W	NNE	21.4	30	54.5	21.2	127.1	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. SE
25..	N	NNE	SSE	W	W	NNE	22.7	18.7	66.5	23.9	131.8	9	.....	Fr.-N. NE	7	Ci.-S.	Cu.
26..	NNW	Calm	WNW	SSE	WSW	E	23.3	35.2	95	49.6	203.1	9	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
27..	N	NNE	SE	WSW	WSW	NE	20.3	45.4	73	71.1	209.8	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
28..	E	E	E	NE	N	NE	34.1	68.7	51.3	18	172.1	10	.....	N.	10	A.-S.	Fr.-N.
29..	NE	Calm	W	WSW	WSW	N	24.4	29.5	63.1	29.3	146.3	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. W
30..	N	NNE	E	SSE	W	NE	30.1	48.1	86.3	35.9	200.4	7	Ci.	N.	8	Ci.	Cu.-N.
31..	NE	NE	SSE	W	W	ENE	21.1	34.8	114.8	26.9	197.6	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	25.6	47.5	90.8	28.9	192.8	6.7	.....	.....	7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,977.2	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.14	58.24	59.03	57.10	57.80	58.67	58.16	23.4	23.4	28.8	28.5	27.5	24.8	26.1	30.5	23	91	91	77	79	74	81	82.2	.....
2..	57.84	58.07	59.08	56.85	57.21	58.27	57.89	23.1	23.1	27	27.8	27.4	25.1	25.6	28.5	22.6	90	87	83	80	74	85	83.2	.....
3..	56.88	57.12	58.05	55.76	56.56	58.15	57.09	23.8	23.5	27.2	28.4	27.5	25.2	25.9	28.9	22.8	87	89	84	80	81	85	84.3	30.2
4..	57.39	57.72	58.55	56.78	57.50	58.75	57.78	22.1	22.1	26.4	27.9	27.1	25.6	25.2	28.7	21.6	96	96	85	81	79	88	87.5	.8
5..	57.18	57.37	58.78	56.73	57.68	58.99	57.79	23.7	22.6	30.2	28.2	27.6	26.6	26.5	31.6	22.2	89	89	70	81	81	78	81.3	.....
6..	57.59	57.37	58.51	56.50	56.93	58.38	57.55	24.5	23.8	28.8	26.8	27	24.8	26	30.5	23.2	89	93	71	84	82	86	84.2	1.5
7..	57.49	57.72	58.16	56.33	56.53	57.67	57.28	24.1	23.7	27.4	28.2	27.4	24.5	25.9	28.6	23.2	91	91	81	79	80	86	84.7	.....
8..	57.18	57.44	58.89	56.42	56.65	58.55	57.52	23.5	23	27	28.4	28.1	25.1	25.8	28.9	22.5	89	91	83	77	80	88	84.7	.....
9..	57.21	57.56	59.03	56.88	57.14	58.90	57.79	24.5	24.4	27.2	28.4	27.8	25.7	26.3	29.1	23.5	89	89	83	84	82	88	85.8	.....
10..	57.44	58.18	59.22	56.93	57.05	58.38	57.87	24.7	23.7	28.2	30	27.8	24.4	26.5	30.3	23.3	89	90	77	74	84	87	83.5	.....
11..	56.99	57.73	58.52	55.90	56.05	57.32	57.08	23.1	22.8	27.7	29.8	28.4	25.5	26.2	30.5	21.5	95	86	75	73	71	83	80.5	.....
12..	56.49	57	57.65	55.50	55.59	57 71	56.66	23.3	22.3	27.9	28.8	27.1	23.4	25.5	29.7	21.6	90	88	77	80	83	86	84	.....
13..	56.69	56.89	58.30	56.71	57.50	59	57.52	22.1	20.8	27.3	28	27	25	25	28.7	20.5	86	87	82	86	89	83	85.5	.....
14..	58.07	58.14	59.05	56.96	57.20	59.10	58.09	23.1	22.5	27.4	27.7	27.4	25.5	25.6	28.1	21.6	90	90	85	85	84	81	85.8	.....
15..	58.53	58.59	59.26	56.96	57.14	58.86	58.22	22.9	21.8	26.6	27.6	27	24.7	25.1	28	21.4	86	86	83	79	83	86	83.8	.....
16..	58.38	58.54	59.47	57.50	57.91	59.14	58.49	23.2	21.8	26.8	28.1	27	24.5	25.2	28.3	21.2	84	84	77	77	84	83	81.5	.....
17..	58.72	58.97	60.10	58.13	58.71	59.96	59.10	23.3	23	27	28.3	27.5	24.5	25.6	28.5	22	90	90	83	70	77	87	82.8	.....
18..	59.16	59.46	60.33	58.80	58.82	60.55	59.52	24.1	23.5	27.5	27.7	27.8	25	25.9	30	23	89	89	78	75	79	83	82.2	.....
19..	59.67	59.67	60.52	58.68	58.98	60.23	59.62	23.9	23.8	29.4	28.3	27.7	25.3	26.4	30.3	23	88	88	66	70	77	85	79	.....
20..	59.42	59.42	60.44	58.54	58.52	59.97	59.38	23.6	22.6	29.2	29.5	28.3	24.7	26.3	31.2	22.1	86	86	67	65	72	80	76	.....
21..	59.02	59.19	60.33	58.55	58.38	59.86	59.22	23.4	23.4	28.2	27.5	27.7	24.7	25.8	29.9	22.5	85	84	74	70	70	85	78	.3
22..	58.69	59.06	5).75	57.45	58.46	59.08	58.75	24.5	24.7	27.4	27.5	24.3	23.2	25.3	28.8	22.7	87	87	78	78	91	90	85.2	28.1
23..	58.27	58.52	60.09	58.30	58.84	60.16	59.03	23	22.8	27	25.8	27	25.5	25.2	31.5	22.2	90	89	86	89	84	89	87.8	1.9
24..	58.89	59.27	60.21	58.50	59.04	60.70	59.44	24.4	23.8	30.8	27.7	26.7	26.1	26.6	31.3	23.2	89	89	63	82	83	87	82.2	10.4
25..	60.05	60.10	60.57	58.20	58.36	60.20	59.58	25.5	23.5	27.2	28.3	27.3	25.5	26.2	28.9	23	88	96	78	75	78	84	83.2	3.5
26..	58 66	58.54	59.70	58.05	57.93	59.90	58.80	23.5	23.1	27.2	28.3	27	24.8	25.6	28.9	22.4	96	93	81	69	80	92	85.2	.....
27..	58.19	58.06	59.20	56.83	57.33	58.88	58.08	24.1	24.2	27.8	27.7	26.2	24.3	25.7	28.7	23.3	91	87	74	76	80	85	82.2	.....
28..	57.83	57.65	58.84	57.57	57.67	59.64	58.20	24.1	23.7	27.5	23.3	25	23.7	24.6	31.2	22.8	86	90	82	97	92	90	89.5	21.6
29..	58.69	58.68	59.48	57.74	58 08	59.19	58.64	23.2	23.3	30	27.7	27.1	24.5	26	32	22.4	90	90	66	76	80	91	82.2	.....
30..	58.16	58.48	58.90	57.66	57.80	59.11	58.35	23.8	24.5	30.1	28.3	27	24.5	26.4	31.1	23	90	87	65	75	80	88	80.8	.....
Mean	58.10	58.28	59.27	57.29	57.65	59.11	58.28	23.6	23.2	27.9	28	27.2	24.9	25.8	29.7	22.4	89.2	89.1	77.1	78.2	80.5	85.7	83.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NE	W	WNW	WNW	WNW	22.2	49.6	92.8	34.1	198.7	8	Ci.-S.	N.	7	Ci.	Cu.
2..	N	NNE	WSW	W	W	N	20.6	32.5	89.3	23	165.4	9	Ci.-S.	N.	8	Ci.-S.	Cu.-N.
3..	N	N	WSW	WSW	NW	NE	20.9	41.2	62.2	22.2	146.5	8	Ci.-S.	Cu.	6	Ci.	Cu.
4..	NNE	ENE	SE	SSE	WNW	WNW	38.8	20 3	77.7	26	162.8	10	Ci.-S.	N.	7	Ci.	Cu. NE
5..	N	Calm	SE	W	W	SSE	21.4	48.9	87.4	27 1	184.8	8	Ci.-S.	Cu.	8	Ci.-S.	Cu. NE
6..	N	ENE	ENE	WSW	WNW	NNE	19.6	42.4	86.6	31.7	180.3	8	A.-Cu.	Fr.-N.	7	Ci.	Cu.-N.
7..	N	NNE	SSE	W	WNW	NNE	17.9	46.4	72.6	27.7	164.6	8	Ci.-S.	Cu.	7	Ci.	Fr.-N.
8..	N	N	W	WSW	W	N	20.9	38.9	65.2	19.8	144.8	4	Ci.	Cu.-N.	4	Ci.	Cu.
9..	N	N	WSW	W	ENE	NNE	26.9	38.6	91.4	20.4	177.3	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. W
10..	N	NNE	WSW	W	W	NNE	26.9	31.1	80.5	19.3	157.8	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. W
11..	NNE	NE	WSW	SSW	NE	WNW	27.1	34.9	44.6	15.3	121.9	9	Ci.-S.	Cu.	8	Ci.-S.	Fr.-N.
12..	Calm	NNE	WNW	WNW	WNW	Calm	23.5	84.5	112.9	19.1	240	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. W
13..	N	Calm	W	W	W	NNW	22.2	88.3	173.8	47.7	332	9	Ci.	Cu.	8	Ci.	Cu.
14..	Calm	NNE	W	W	W	NW	15.9	82.9	173.5	38.9	311.2	8	Ci.	Cu.	4	Ci.	Cu.-N.NNW
15..	N	NNE	WSW	W	W	NW	25.1	68.7	132.2	49.9	275.9	8	Ci.	S.	4	Ci.	Cu.
16..	NNE	NNE	WSW	W	W	NNE	22.8	38	91.4	35.9	188.1	4	Ci.	S.	7	Ci.-S.	Fr.-N.
17..	N	N	SW	WSW	WNW	Calm	23.3	28.7	65.8	18	135.8	7	Ci.	N.	8	Ci.-S.	N.
18..	N	NNE	SSW	SSW	Calm	NE	23	33.3	60.4	18.2	134.9	6	Ci.	Cu.-N.	9	Ci.-S.	Fr.-N. NE
19..	N	NE	ESE	SE	W	NE	26.9	61.5	73.8	33.6	195.8	9	Ci.-S.	N. NE	9	Ci.-S	Fr.-N. NE
20..	Calm	NNE	SSE	SSW	NNW	NE	25.4	47.7	59	26.2	158.3	6	Ci.	S.	7	Ci.	Cu.-N. SE
21..	NNE	NE	SW	NNW	W	N	24.1	36.5	57.7	24.1	142.4	4	Ci.	N.	10	Ci.-S.	N.
22..	N	NE	WSW	WSW	NE	NE	19.6	35.7	93.9	20.3	169.5	9	Ci.-S.	N. NE	7	Ci.-S.	Cu.
23..	NE	NE	SE	WSW	W	NE	20.7	56	39.1	23.5	139.3	2	Ci.	Cu.	9	Ci.-S.	N. NE
24..	N	N	E	WNW	W	WNW	15.9	28.5	89.8	53.7	187.9	7	Ci.	Fr.-N. ESE	8	Ci.-S.	Fr.-N.
25..	NNW	NNE	SSE	W	WNW	NNE	41.8	22.5	75.8	26.2	166.3	10	.....	N.	8	Ci.	Cu.
26..	NNE	NE	SSW	WNW	NNE	NE	23.5	60.6	74	17.7	175.8	3	Ci.	Cu.	5	Ci.-S.	Cu.-N.
27..	NE	NE	E	SSE	NW	E	20.1	39.4	65.8	18	143.3	9	.....	Fr.-N.	8	Ci.-S.	Cu.
28..	N	NE	SE	NE	Calm	NNE	27.2	46.7	30.3	23.1	127.3	8	Ci.-S.	Cu.-N.	10	Ci.-S.	N. N
29..	NNE	NNE	ESE	SE	NW	NE	24.3	51.3	85.6	22.8	184	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N. NE
30..	NNE	NNE	SE	S	NW	Calm	26.8	44.8	88.5	19	179.1	8	A.-Cu.	N.	8	Ci.-S.	Fr.-N. NE
Mean	.....	.....	.....	.....	.....	.....	23.8	46	83.1	26.8	179.7	7.5	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,391.8	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.82	58.18	59.03	56.83	56.86	57.88	57.77	23.4	23.3	27.1	28.4	26.5	24.8	25.6	28.7	22.5	94	88	87	82	84	85	86.7	.....
2..	56.97	57.22	58.21	56.25	56.51	58.47	57.27	23.7	23.7	28	28.6	28.1	24.8	26.2	29.8	22.8	94	94	76	73	74	89	83.3	2
3..	56.69	57.27	58.53	56.74	56.98	58.97	57.53	24.2	24	27.7	28.8	27.4	25.2	26.2	30	23.4	91	91	79	73	81	84	83.2	.....
4..	57.88	58.40	59.91	57.43	57.83	59.50	58.49	23.8	23.4	25	27.5	27.5	25.5	25.4	28.4	23	87	88	92	81	84	88	86.7	2.8
5..	58.19	58.29	59.59	56.89	56.78	58.40	58.02	24.2	23.9	26.2	28	27.5	25.5	25.9	29	23.2	90	91	89	81	82	92	87.5	.6
6..	57.17	57.44	58.29	55.82	56.51	57.71	57.16	25.1	24.9	27.1	28.4	27.7	26.8	26.7	29.2	24.2	92	92	86	78	86	87	86.8	13.5
7..	56.87	57.94	58.54	55.80	56.41	57.68	57.21	25.2	24.3	28.2	27.7	26.5	25.4	26.2	29.6	23.4	92	95	72	77	87	90	85.5	3.9
8..	56.12	56.63	58.77	56.51	56.11	57.46	56.93	24.6	24.4	24.4	26.3	26.5	25	25.2	27.5	23.7	88	84	97	83	84	88	87.3	12.5
9..	56.68	56.91	57.99	55.71	56.26	58.46	57	24.2	24.2	28.8	28.4	27.6	25.8	26.5	30	23.3	86	86	73	72	84	90	81.8	.....
10..	57.07	57.62	59.05	57.30	57.33	58.56	57.82	25	24	28	29.1	27.5	25.8	26.6	30.1	23.4	90	89	76	76	81	89	83.5	.....
11..	57.61	57.89	58.81	56.87	57.08	58.62	57.81	24.8	24.3	27.7	28.2	27.2	26.5	26.4	31	23.7	88	88	84	83	85	88	86	.....
12..	57.77	57.82	58.20	57.12	57.05	58.40	57.73	24.8	24.7	28.7	25.6	26.3	24.7	25.8	31.2	23.7	89	90	76	94	90	90	88.2	13.2
13..	57.62	57.67	58.78	56.83	58.15	59.50	58.09	23.9	23.7	28	28.8	26.3	24.3	25.8	31.1	23.2	90	90	79	80	82	94	85.8	5.1
14..	58.86	58.70	59.37	57.70	58.31	59.55	58.75	23.4	23.3	29.4	29.5	26.8	25.2	26.3	31.7	22.7	93	93	72	68	88	92	84.3	2.5
15..	59.07	59.22	59.54	57.94	58.10	59.32	58.86	24.4	24.3	27.6	26.7	26.1	24.1	25.5	28.3	23.2	95	95	81	89	85	91	89.3	16.8
16..	58.07	58.19	58.38	56.30	56.86	57.78	57.60	23.5	23	29.8	29.3	27.7	25.4	26.4	32.4	22.2	90	89	71	76	87	87	83.3	.....
17..	56.77	57.09	58.12	56.69	56.90	58	57.26	25.1	24.7	26.8	27.5	26.6	25	26	28.6	23.7	90	94	86	81	89	93	88.8	.....
18..	57.59	57.62	58.43	56.78	57.39	58.92	57.79	23.8	23.8	27.6	28.5	18	26.3	26.3	29.2	23.1	86	86	80	73	77	86	81.3	.3
19..	58.02	58.13	59.11	57.09	57.05	58.54	57.99	24.7	24.3	24.7	27.2	27.3	24.5	25.4	28.2	23.6	89	91	84	66	70	92	82	4.3
20..	57.88	58.10	59.08	57.53	56.88	58.08	57.92	23.8	23.3	28.2	28.2	27.8	25.1	26.1	30	22.9	85	80	77	76	75	87	80	.....
21..	57.68	57.92	58.73	57.28	57.25	58.87	57.96	24	23.6	28	27.2	27.2	25	25.8	29.2	22.9	86	86	77	81	84	86	83.3	.....
22..	57.87	58.34	59.48	57.90	57.40	59.05	58.34	23.8	23.7	28	27.7	28.3	25.2	26.1	29.3	22.5	85	82	76	80	75	87	80.8	.....
23..	58.19	58.57	59.45	57.35	57.20	58.50	58.21	23.7	23.8	28	28.5	28.4	26	26.4	29.5	22.9	86	86	75	79	79	84	81.5	.....
24..	58.14	58.19	58.99	57.09	57.26	58.91	58.10	24.9	23.8	27.7	28.8	27.4	26.3	26.5	29.3	23.3	87	86	80	77	78	88	82.7	.....
25..	57.95	58	59.40	57.64	58.50	60.39	58.65	25.7	26.5	26.2	28.5	27	26.7	26.8	29.1	24	86	86	85	75	80	79	81.8	.5
26..	59.49	59.50	60.40	58.50	58.28	60.18	59.39	25	24.5	29	28.3	27.8	25.7	26.7	30.5	24	90	92	74	77	84	86	83.8	.....
27..	59.70	59.92	60.55	58.70	59	60.54	59.74	25.6	25.2	27.8	28.6	27.7	26	26.8	28.8	24.5	85	88	82	80	79	85	83.2	.8
28..	59.49	60	59.76	57.51	58.06	59.68	59.08	24.5	24	28	29	28	26	26.6	29.7	23.4	85	85	74	71	83	85	80.5	.....
29..	58.94	59.17	59.34	58.69	59.73	60.06	59.32	24.4	24.5	27.5	27	25.5	24.7	25.6	28.8	24	88	87	86	78	82	86	84.5	.....
30..	59.17	59.85	60.13	58.55	58.38	60.37	59.41	24.6	24.1	27.5	26.5	28	24	25.8	30	23.4	86	86	81	80	77	84	82.3	.....
31..	59.27	59.39	59.85	58.20	58.53	59.84	59.18	23.7	23	27.4	28.5	27.7	25.3	25.9	29.2	22.5	85	86	74	67	68	87	77.8	1
Mean	57.96	58.23	59.09	57.21	57.45	58.91	58.41	24.4	24.1	27.6	28	27.3	25.4	26.1	29.6	23.3	88.6	88.5	80	77.6	81.4	87.7	84	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84.8

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.		
													Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1..	N	NNE	W	W	WNW	NNW	21.5	40.2	98.2	30.6	190.5	6	Ci.	Cu.	6	Ci.	Cu.	
2..	N	NNE	SE	SE	Calm	ESE	25.1	49.3	79.5	15.5	169.4	7	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.	SE
3..	N	Calm	SE	W	WNW	N	23	61.7	74.8	36.2	195.7	7	A.-Cu.	Fr.-N.	8	Ci.-S.	Cu.-N.	
4..	N	NNE	ESE	WSW	W	NNE	17.4	19.9	73.2	26.2	136.7	9	Ci.-S.	N.	7	Ci.	Cu.	
5..	NNE	NNE	ENE	SSE	NNW	Calm	24.4	12.7	61	12.6	110.7	8	Ci.-S.	N.	7	A.-Cu.	Cu.	NE
6..	N	NNE	WSW	WNW	NW	WNW	20.1	27.4	111.2	67	225.7	8	Ci.-S.	N. E	7	Ci.	Cu.	
7..	NE	S	E	SE	WSW	Calm	83.7	27.4	67.9	17.9	196.9	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.	
8..	N	NNE	NNE	SE	Calm	NNE	22.8	30.3	39.2	19.5	111.8	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N.	SE
9..	N	NNE	SE	SE	N	N	28	55.2	61.2	17.5	161.9	6	Ci.	Cu.	3	Ci.	Cu.	
10..	N	NNE	ENE	E	ENE	Calm	19.9	38.6	61.8	19.5	139.8	9	Ci.	N.	10	Ci.-S.	Fr.-N.	NE
11..	N	NNE	S	WSW	W	W	22	47.7	75.3	37.3	182.3	7	Ci.	Cu.	7	Ci.	Cu.-N.	NE
12..	N	Calm	E	NNE	Calm	NNE	16.1	40.7	25.9	17.7	100.4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.	
13..	N	ENE	SE	SSE	NW	ENE	21.1	44.8	85.1	27.4	178.4	7	Ci.	Cu.	7	Ci.-S.	Fr.-N.	NE
14..	NNE	E	E	ENE	WSW	NNE	29.6	41.5	75.9	24.9	171.9	10	A.-S.	N.	8	Ci.-S.	Cu.-N.	E
15..	N	ENE	S	WNW	W	Calm	21.4	37.3	40.2	27.2	126.1	10	Ci.-S.	Fr.-N.ENE	9	Ci.-S.	Fr.-N.	NW
16..	NNE	NE	E	W	WNW	NNE	21.9	52.3	80.8	23.1	178.1	8	Ci.	N.	8	A.-Cu.	Fr.-N.	NE
17..	N	NW	N	SSW	NE	NNE	18.3	30.8	35.1	14.7	98.9	10	.....	N. NW	10	Ci.-S.	Fr.-N.	W
18..	N	NNE	SE	WSW	W	Calm	27.6	38.8	65	14.8	146.2	3	Ci.	N.	7	Ci.-S.	Cu.	
19..	NNE	NE	SSE	S	NNE	N	21.5	55.5	31.7	20.3	129	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.	
20..	N	NNE	SSE	WNW	WNW	NNE	25.1	55	39.6	17.7	137.4	1	Ci.	Cu.	8	Ci.-S.	N.	
21..	NNE	NNE	S	SW	W	NE	20.3	40	69	27.6	156.9	4	Ci.	Cu.	8	Ci.-S.	N.	
22..	NNE	NNE	SW	SSE	W	NNE	25.7	36.2	61.5	21.9	145.3	2	Ci.	Cu.	3	Ci.	Cu.	
23..	NNE	NNE	WSW	W	WNW	NW	20.7	45.4	140.3	38.4	244.8	2	Ci.	Cu.	3	Ci.	Cu.	
24..	NNE	NE	WSW	W	WNW	WNW	19.8	49.4	101.2	79.5	249.9	7	Ci.	Cu.-N.	7	Ci.	Cu.	
25..	NNW	NW	W	W	WNW	WNW	52.3	116.2	132.5	34	335	9	Ci.-S.	Fr.-N. W	9	Ci.-S.	Fr.-N.	
26..	NNE	NNE	ESE	SE	ENE	N	25.1	68.6	90.4	19.6	203.7	6	A.-Cu.	N.	8	Ci.-S.	Cu.	
27..	N	NNW	W	W	WNW	Calm	21.2	36.5	99.6	38.3	195.6	10	.....	N.	7	A.-Cu.	Cu.	
28..	NNE	NNE	SE	W	W	NNE	28	58.7	91.4	54.1	232.2	9	Ci.-S.	Fr.-N.	3	Ci.	Cu.	
29..	NNW	NNE	W	WSW	NW	N	23.6	45.4	96.6	34.4	200	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.	
30..	N	N	SE	S	E	NE	19.3	61.5	63.8	50.5	195.1	9	Ci.-S.	N.	8	A.-Cu.	Cu.-N.	
31..	NNE	NE	S	W	WSW	E	21.1	33	94.8	31.4	180.3	8	A.-Cu.	Fr.-N.	7	Ci.	Cu.	
Mean	.....	.....	.....	.....	.....	.....	25.4	45.1	75	29.6	175.1	7.4	.....	.....	7.3	.....	.....	
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,426.6	.....	.....	.....	.....	.....	.....	

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.83	59.44	60.22	58.53	58.70	59.80	59.25	24.4	23.8	27.6	28.4	27	24.9	26	31.2	23.1	88	89	74	75	78	84	81.3	.....
2	59.11	59.18	59.57	58.28	58.30	59.72	59.03	24.3	24	27	27.8	24.5	24.8	25.4	29.5	23.5	89	91	82	79	84	83	84.7	.....
3	58.92	58.37	59.28	57.72	58.02	59.26	58.60	24.2	24.2	27	27.2	26.1	24.4	25.5	29.5	23.4	85	84	78	73	83	88	81.8	.....
4	57.99	58.34	59.29	57.04	57.48	59.84	58.33	23.5	24	27.3	28.2	27.3	25	25.9	28.9	22.6	89	89	79	77	75	82	81.8	24.6
5	57.92	57.84	58.93	57	57.50	58.67	57.98	24.7	25.5	27.7	28.5	27.3	23.7	26.2	30.5	22.5	88	88	81	69	76	87	81.5	5.1
6	57.85	57.28	58.35	56.79	57.12	58.77	57.69	23	23.2	27.5	27.1	24	24.3	24.8	28.7	22.5	90	90	76	80	93	93	87	1.6
7	57.98	58.08	57.35	58.25	57.51	59.65	58.47	23.6	23.5	27.4	25.8	25.6	24	25	29.3	22.8	90	90	77	82	82	76	82.8	5.1
8	59.20	59.46	60.13	58.62	58.55	60.68	59.44	23.3	23.4	28.3	28	28	25	26	29.2	22.1	82	82	63	82	68	83	76.7	.....
9	59.87	59.57	60.35	58.94	59.05	60.41	59.70	23.7	23.2	27.4	27.5	27.3	24.5	25.6	29.3	22.2	85	88	77	81	83	89	83.8	.....
10	59.04	58.82	59.94	57.70	58.03	59.61	58.86	23.6	22.8	27.5	27.2	27.2	25.5	25.6	28.2	22.4	86	85	78	81	83	89	83.7	9.7
11	59.07	59.02	59.73	57.98	58.33	60.20	59.06	24.4	25.2	27	28.2	27.2	25	26.2	28.5	23.4	91	90	77	76	79	90	83.8	.3
12	59.87	59.82	60.08	58.43	58.68	60.65	59.59	24.9	24.8	27.2	27.7	27.5	25.6	26.3	28.7	23.5	85	85	75	79	81	88	82.2	.3
13	59.57	59.77	60.04	58.50	58.95	60.73	59.59	25	24.6	28	29.1	27.7	26.2	26.8	29.8	24	87	87	77	71	77	90	81.5	10.2
14	59.57	59.42	59.93	58.29	59.06	59.55	59.30	24.2	23.7	28.5	28.8	27.3	25	26.2	31	22.5	93	90	74	72	81	90	83.3	.6
15	58.94	58.91	59.77	58.28	58.97	60.10	59.16	24.7	24.1	28	27.9	26.8	25.7	26.2	29	23.5	91	91	74	72	83	83	82.3	.....
16	58.91	59.19	60.15	58.89	58.78	60.09	59.34	24.9	23.8	27.8	27.2	27.2	25.5	26.1	28.6	22.9	87	88	73	78	81	89	82.7	17.3
17	59.41	59.50	60	58.05	58.38	59.82	59.19	23.9	23	28.4	28	27.2	24.7	25.9	29.7	21.8	88	87	66	70	76	86	78.8	.....
18	58.92	58.47	59.37	58.41	58.72	59.70	58.93	24.6	24	27.8	24.2	25	24.9	25.1	28.5	22.5	87	87	79	90	92	92	87.8	34.6
19	59.29	58.73	59.45	58.05	55.33	60.13	59	25.2	25.2	28.4	28.5	26.7	25.3	26.6	31.1	23.5	86	87	70	70	83	86	80.3	.....
20	58.79	58.77	59.88	58.19	58.26	59.63	58.92	24.6	24.1	27.5	28.5	27.1	25	26.1	29.5	23.3	86	86	80	74	78	88	82	.3
21	58.36	58.24	59.38	57.54	57.53	59.28	58.39	25	24.5	27.8	27.5	27.5	25.4	26.3	28.6	23.8	88	87	79	78	81	87	83.3	.....
22	58.53	58.08	58.98	57.34	57.51	59.02	58.24	24.2	24.2	27.4	27	26.1	24.7	25.6	28.7	23	93	93	80	86	82	92	87.7	.5
23	58.24	58.02	59.02	57.33	57.77	59.03	58.24	24.2	24.1	27.2	27.7	27.3	25.7	26	28.5	23.3	92	92	85	83	84	82	86.3	1
24	58.42	58.66	58.74	58.06	57.98	59.41	58.54	24	24.8	25	26	25.5	25.4	25.1	28.5	22.4	90	89	84	84	82	82	85.2	7.2
25	58.05	58.29	58.36	57.29	57.97	57.98	57.99	25.3	23.8	28.2	26.3	25.5	24.5	25.6	29.8	22.7	85	85	74	82	84	86	82.7	.3
26	57.17	57.02	57.02	56.15	56.50	57.22	56.85	24.6	26.7	26.7	27.5	27.2	27.2	26.6	29.6	24.1	85	83	84	83	85	86	84.3	14.2
27	56.22	56.11	56.50	55.16	55.89	56.85	56.12	24	26.2	26.7	27.2	27.4	27.3	26.5	29.6	23.5	91	85	88	83	84	84	85.8	3
28	55.85	56.11	56.03	55.45	55.24	56.13	55.80	27.2	24.5	26.3	27.7	27.6	27.4	26.8	29.5	23.2	84	87	79	81	81	83	82.5	.8
29	55.86	55.47	56.03	54.94	55.56	57.09	55.82	27.1	27.3	28.4	28.7	27.9	26.5	27.6	29.4	26	84	84	78	77	83	90	82.7	.....
30	56.67	56.99	57.76	56.31	56.90	59.05	57.28	25.4	25.4	26.5	28.8	28.5	25.6	26.7	29.8	24	90	82	78	76	76	88	81.7	.....
Mean	58.41	58.37	59.05	57.58	57.85	59.27	58.42	24.5	24.4	27.4	27.6	26.8	25.3	26	29.4	23.1	87.8	87.4	77.3	78.1	81.3	86.5	83.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136.7

Day	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNE	SSE	W	WNW	NNE	21.4	45.4	89.8	22.7	179.3	4	Ci.-Cu.	N.	7	Ci.-S.	Cu.
2	NNW	N	SE	WNW	NW	N	21.9	22	72.4	58.4	174.7	10	Ci.-S.	Fr.-N.	8	Ci.-S.	N.
3	Calm	NNW	WSW	WNW	NW	NNE	17.4	63.8	74.5	16.4	172.1	9	Ci.-S.	N.	10	A.-S.	N.
4	N	NNW	W	WNW	WNW	WSW	22.8	62.6	85.3	67.4	238.1	6	Ci.	Cu.	7	Ci.-S.	Cu.
5	NW	W	W	WNW	WNW	WNW	37.3	90.6	102.4	74.3	304.6	9	A.-Cu.	Fr.-N. SW	8	Ci.-S.	Cu.
6	N	NNE	SSE	SE	WNW	N	29.2	33	78.9	18.7	159.8	9	Ci.	Cu.	8	Ci.-S.	N.
7	N	NNE	SSE	WNW	NW	NE	25.5	54.1	90.9	23.6	194.1	9	Ci.-S.	Fr.-N.	10	A.-S.	Fr.-N. W
8	Calm	WNW	W	WNW	WNW	NNE	16.9	95.5	124.2	25.9	262.5	9	Ci.-S.	N.	7	Ci.	Cu.
9	N	NW	SSE	W	Calm	NNW	27.7	28.7	69.8	15.1	141.3	7	Ci.	N.	10	A.-S.	Fr.-N.
10	NNW	N	WSW	SE	W	NE	18.3	37.5	62.3	27.9	146	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
11	NNE	NW	WNW	W	NW	N	21.4	69.8	121.3	29.3	241.8	10	Ci.-S.	Fr.-N.NW	8	Ci.-S.	Fr.-N. W
12	N	NW	SE	SE	SE	N	30.8	68.9	103.2	23.8	226.7	10	Ci.-S.	N.	6	Ci.	Cu.
13	N	NE	SE	SSE	NE	E	23.5	43.8	73	24.7	165	8	A.-Cu.	Fr.-N.	4	.....	Cu.
14	N	ENE	E	ESE	ESE	N	31.2	48	85	27.4	191.6	8	Ci.	N.	9	Ci.-S.	Fr.-N. NE
15	N	N	SSE	W	NW	NE	19.9	30.1	67.4	20.4	137.8	5	A. -Cu.	Cu.	7	Ci.	Cu.
16	Calm	ENE	SSE	W	Calm	ENE	18.7	49.9	62.5	21.7	152.8	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N.
17	N	NE	SSE	W	NW	NNE	25.5	52	60.4	21.1	159	7	Ci.	Cu.	7	Ci.	Cu.
18	Calm	NNW	WSW	NW	NW	ESE	18.7	61.2	51.8	23	154.7	9	Ci.-S.	N.	10	Ci.-S.	N.
19	N	NNE	NW	SSE	Calm	NE	37.8	48.3	50.2	18.5	154.8	8	A.-Cu.	Fr.-N.	9	Ci.-S.	Fr.-N. E
20	N	NE	ESE	SSE	NNW	NNE	26.2	32	34.6	20.6	113.4	8	Ci.-S.	Fr.-N	9	Ci.-S.	Fr.-N.
21	NNE	NNE	Calm	SE	WNW	NE	23.9	24.3	68.1	32.2	148.5	8	A.-Cu.	Fr.-N.	7	Ci.-S.	Cu.
22	N	N	WSW	WNW	NW	NNE	27.6	81.1	111.8	20.1	240.6	7	Ci.	Cu.	9	Ci.-S.	N.
23	NNW	N	WNW	W	WNW	W	22.5	26.9	90.6	58.4	198.4	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.-N.
24	NW	SW	W	W	WNW	NW	84.8	169.8	163.8	67.1	485.5	10	.....	N. NW	9	A.-S.	Fr.-N. W
25	N	NE	WNW	WSW	NNW	NW	35.6	73.2	121.7	23	253.5	10	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N.
26	NW	WSW	WNW	WSW	WSW	WSW	60.4	99.8	119.7	121.7	401.6	8	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. NW
27	WSW	WSW	WSW	WSW	WSW	WSW	185	147.1	189.3	160.9	682.3	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Fr.-N. SW
28	WSW	WSW	WSW	WSW	SW	WSW	191	156.6	132	119.1	598.7	10	Ci.-S.	Fr.-N. SW	10	A.-S.	Fr.-N. wsw
29	W	SW	WSW	WSW	WSW	WSW	118.6	116.4	140.6	79.5	455.1	8	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Cu.
30	Calm	W	WSW	W	W	WSW	23.9	64.7	43.1	31.6	163.3	10	Ci.-S.	Fr.-N. W	7	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	42.2	66.6	91.4	43.2	243.3	8.4	.....	.....	8.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,297.6	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[$\phi = 6°\ 54'$ N; $\lambda = 122°\ 05'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.01	58.32	58.69	58.15	58.26	59.68	58.52	25	24.9	27.8	28.4	27.2	25.7	26.5	28.8	23.4	88	88	82	80	87	86	85.2	0.5
2..	58.97	59.07	59.18	57.45	58.14	59.78	58.76	25.1	24.4	27.4	28.3	26.7	26	26.3	29	23.5	87	80	87	84	86	90	85.7	.8
3..	58.71	59.17	59.29	57.82	58.20	59.24	58.74	25.2	24.9	27.5	27.3	27.5	26.2	26.4	28.5	23.5	85	85	84	84	82	89	84.8	10.2
4..	58.59	58.47	59.64	57.38	57.49	59.26	58.47	24.4	24.5	24.3	27.2	27	25.5	25.5	28	22.6	90	90	86	73	81	88	84.7	22.6
5..	57.19	57.12	57.89	56.64	56.50	57.87	57.20	25.1	25.5	27.3	28.6	25.9	24	26.1	28.9	22.5	92	94	86	78	81	85	86	51.1
6..	57.34	57.14	58.17	56.83	56.80	59.06	57.56	25	26.2	27.4	27.8	28	27.5	27	28.5	23.5	89	92	78	81	79	82	83.5	.3
7..	58.77	58.51	60	58.28	58.60	60.24	59.07	27.3	25.4	26.7	28.4	27.5	27	27	28.7	23.5	83	93	82	78	81	84	83.5	.8
8..	60.30	60.06	60.68	58.64	58.40	59.78	59.64	25.8	25.3	28	28.7	28	26	27	29	24.5	87	88	77	76	77	84	81.5	.....
9..	59.21	58.96	59.08	57.37	57.46	58.91	58.50	26.1	26.2	27.7	29.6	27.9	27	27.4	30	24.9	85	86	81	74	82	84	82	.....
10..	58.70	58.25	58.82	57.75	57.88	59.25	58.44	26.4	25.6	28.3	28.8	28.2	26	27.2	29.5	24.6	87	87	74	77	76	89	81.7	.....
11..	58.67	58.79	59.32	58.16	58.10	59.34	58.73	25	24.7	28.7	29.1	27.5	25.5	26.8	30	23.4	87	87	70	74	84	90	82	.....
12..	59.24	59.44	60.24	58.98	59.08	60.28	59.54	25	24.9	27.8	29.9	28.1	25.5	26.9	30	24.2	91	91	77	70	77	89	82.5	.....
13..	60.04	60.01	60.37	59.19	59.02	60.50	59.86	24.8	24.9	28.7	28.4	28.4	25.2	26.7	29.5	24	90	91	73	78	79	90	83.5	.....
14..	59.85	59.42	60.13	58.54	58.73	59.83	59.42	24.7	24.2	27.8	28.5	28	26	26.5	29	23.4	87	86	80	78	80	90	83.5	.....
15..	59.36	59.27	59.50	57.80	58.25	59.33	58.92	25	24.5	28.3	27.8	28.1	26	26.6	29.1	23.8	86	87	77	80	79	89	83	.....
16..	58.57	59.14	60	58.82	59.51	60.18	59.37	25.5	24.6	27.5	27.7	27.2	25.3	26.3	29.5	23.8	89	89	81	79	83	90	85.2	.....
17..	59.24	60.05	60.22	58.79	59.10	60.13	59.59	25	24.5	30	28.5	28.5	25.5	27	31.2	23.8	90	87	68	70	75	89	79.8	.....
18..	59.79	59.90	59.79	58.24	58.36	59.89	59.33	25	24.5	28	28.2	28.2	25.5	26.6	29.5	23.4	88	86	77	76	74	85	81	.....
19..	59.76	59.89	60.32	59.03	58.79	60.08	59.64	24.8	24.4	27.8	28.9	28.4	25.5	26.6	30.6	23.6	86	84	79	74	71	86	80	.....
20..	59.26	59.24	60.18	58.74	58.79	60.36	59.43	24.8	24.6	28.3	28.7	28.2	26.5	26.8	30	23.7	86	85	74	72	80	84	80.2	.....
21..	59.71	59.74	60.42	58.39	58.20	60.03	59.42	25	24.3	28.3	29	28	25	26.6	29.5	23.7	85	85	74	71	79	80	79	.....
22..	59.39	59.07	59.65	57.25	57.10	58.87	58.56	23.8	23.8	27.5	28.5	28.7	26	26.4	29.3	22	81	81	76	70	73	84	77.5	.....
23..	58	58.17	58.68	57.04	57.38	58.47	57.96	25	23.7	27	29	27.7	26	26.4	29.2	22.4	84	86	80	74	81	89	82.3	.....
24..	57.82	57.72	58.51	57.23	57.63	58.89	57.97	26.4	26.8	27.5	29	27.7	26.5	27.3	29.1	25.8	88	86	84	74	76	86	82.3	.....
25..	57.58	57.73	58.72	57.23	57.40	58.67	57.89	26	25.1	27.5	28.9	28.1	26	26.9	29.4	24.1	90	91	82	75	79	88	84.2	.....
26..	57.75	58.13	58.63	56.86	57.20	58.50	57.84	25.3	25.2	27.9	28.8	28	26.5	27	30	24	89	91	74	76	81	86	82.8	.....
27..	58.10	58.35	59.14	57.59	57.45	58.80	58.24	26.4	25.5	28.4	27.7	27.6	25.2	26.8	29	24.8	86	85	74	73	80	86	80.7	.....
28..	58.21	58.17	58.93	57.91	58.23	59.37	58.47	25	24.9	27.5	26.5	26	25	25.8	28.6	24	87	91	81	76	81	89	84.2	.....
29..	59.16	59.17	59.23	57.83	58.40	60.11	58.98	25	25	28	28.3	27.9	26.4	26.8	29	24.2	90	90	80	72	77	83	82	.....
30..	59.71	59.22	59.83	58.70	58.60	60.49	59.42	24	22.9	28.5	30.8	28.9	25.7	26.8	31	22.5	83	83	66	59	66	84	73.5	.....
31..	60.22	60.35	60.65	59.60	59.33	61.18	60.22	24.8	24.5	27.2	28	29	25.2	26.4	29.4	24	87	80	79	69	69	83	77.8	.....
Mean	58.88	58.90	59.48	58.01	58.14	59.56	58.83	25.2	24.9	27.8	28.5	27.8	25.8	26.7	29.4	23.7	87.2	87.3	78.2	75	78.6	86.5	82.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86.3

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.	Total movement in 24 hours.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNW	N	SSE	SW	Calm	NNW	25.9	33.2	38.8	21.4	119.3	7	Ci.	Cu.	8	Ci.-S.	Fr.-N.
2..	N	Calm	WSW	W	WNW	ENE	18.7	43.8	87.7	23.6	173.8	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N. W
3..	NNE	Calm	WSW	W	WNW	WNW	17.7	61.4	118.5	41.8	239.4	9	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
4..	WNW	WNW	WSW	W	NNW	N	32.7	101.7	85.9	18.5	238.8	10	Ci.-S.	Fr.-N.WNW	10	Ci.-S.	Fr.-N.
5..	NNW	SSW	Calm	WNW	WNW	WNW	20.4	46.5	133	68.6	268.5	10	Ci.-S.	Fr.-N.	8	A.-S.	Fr.-N. W
6..	WNW	SW	WSW	WSW	SW	SW	82.1	114.3	169.4	118.6	484.4	8	A.-Cu.	Fr.-N. W	10	Ci.-S.	Fr.-N. SW
7..	SW	SW	WNW	WSW	WSW	WSW	118	108.8	140.8	69.5	437.1	10	Ci.-S.	Fr.-N.SW	8	Ci.-S.	Fr.-N. WSW
8..	N	Calm	W	WNW	W	NW	38.4	46.2	77.4	35.9	197.9	9	Ci.-S.	Fr.-N.	7	A.-Cu.	N.
9..	NW	WSW	WNW	WNW	W	W	56.6	81.1	85.5	70.3	293.5	9	Ci.-S.	N.	6	A.-Cu.	Cu.
10..	NW	WNW	WNW	W	WSW	NNW	68.7	50.2	116.4	42.3	277.6	7	Ci.	Cu.	8	Ci.-S.	Fr.-N.
11..	NE	NNE	SE	ESE	ESE	NE	23.5	49.7	131.2	29	233.4	8	Ci.	Cu.	8	Ci.-S.	Fr.-N. W
12..	NNE	NNE	SE	ESE	NE	NNE	22.5	71.3	103.3	23.5	220.6	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. ESE
13..	NE	NNE	SE	SE	Calm	NNE	24.1	57.6	83.4	22.3	187.4	3	Ci.	Cu.	4	Ci.	Fr.-Cu. W
14..	NE	NNE	SE	SE	SE	NNE	29.6	63	87.2	51.2	231	2	Ci.	Cu.	3	Ci.	Cu. W
15..	NNE	NE	SE	SE	SE	NE	26.8	41.2	104.9	21.5	194.4	9	A.-Cu.	Fr.-N.	7	Ci.	Fr.-Cu.
16..	NE	NE	E	S	NNE	N	21.2	24.6	43.3	19.8	108.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N. S
17..	NE	NE	ENE	SE	ENE	NNE	26.6	59	103.5	28	217.1	7	Ci.-S.	N.	2	.....	Cu. SE
18..	NNE	NE	SE	SE	SE	NE	25.4	64.6	83.1	24.3	197.4	1	.....	Cu.	7	Ci.	Fr.-N. SE
19..	NE	NNE	SE	SE	SSE	NNE	23.9	53.6	103	22.2	202.7	3	Ci.	Cu.	7	Ci.-S.	Fr.-N.
20..	NE	NNE	SE	SE	SE	NE	25.4	61.2	88.3	53.6	228.5	7	Ci.	Fr.-Cu.	7	Ci.	Cu.
21..	NNE	NE	SE	SW	N	NNE	23.1	27.1	45.1	19.6	114.9	3	Ci.	Cu.	7	Ci.-S.	Cu.
22..	NNE	NNE	S	SE	WNW	NW	21.1	33.3	63.1	25.1	142.6	1	.....	N.	2	.....	Cu.
23..	N	NE	SW	WNW	WNW	NNW	18.8	30.1	106	59.7	214.6	3	Ci.	Cu.	4	Ci.	Cu.
24..	SW	WSW	WSW	W	NW	NNE	106	88	94.4	22.7	311.1	9	Ci.-S.	Fr.-N.SW	7	Ci.	Cu. W
25..	N	NNE	SW	W	WNW	NNE	32.2	37	82.4	23.8	175.4	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.
26..	N	Calm	W	WNW	WSW	NW	18.2	34.8	91.4	38.6	183	9	Ci.-S.	N.	7	Ci.	Cu.
27..	N	NW	SE	ESE	NE	NE	37.5	25.5	60.4	19.6	143	10	Ci.-S.	Fr.-N.	9	A.-S.	Fr.-N.
28..	N	N	E	SSW	SE	Calm	26.6	24.9	68.4	17.7	137.6	8	Ci.-S.	N.	9	Ci.-S.	Fr.-N. SSW
29..	N	NNE	SE	SE	SE	Calm	18.7	59.5	127.4	57.6	263.2	9	Ci.-S.	N.	8	Ci.-S.	Fr.-N. SE
30..	N	NNE	SE	ESE	E	Calm	24.6	55.3	100.1	14.2	194.2	8	Ci.	Cu.	7	Ci.	Fr.-Cu. SE
31..	N	NNE	SE	SE	E	Calm	13.5	62.3	91.5	13.4	180.7	10	Ci.-S.	N.	3	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	34.5	55.2	94	36.1	219.7	7.3	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,812	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.37	60.17	61.16	59.04	58.98	60.93	60.11	24.2	23.8	27.3	27.7	28.2	25.4	26.1	28.8	23.3	82	81	78	76	73	88	79.7	.....
2..	60.22	59.82	60.81	58.90	59.19	60.71	59.94	24.4	23.7	27.5	28.8	27.6	24.5	26.1	30	23.2	88	88	79	72	74	83	80.7	.....
3..	60.23	60.13	61.30	59.94	59.90	61.43	60.49	23	23	27.3	28.5	28	25.2	25.8	29	22.3	84	84	78	70	77	79	78.7	.....
4..	61	60.76	61.87	59.98	59.99	61.61	60.87	24	23.5	28.4	28.4	27.8	24.6	26.1	28.8	23	87	89	75	75	77	79	80.3	.....
5..	60.45	60.16	60.95	59.19	59.53	60.85	60.19	23.8	23.4	28.5	28.7	28	25.4	26.3	29	23	83	85	70	75	77	87	79.5	.....
6..	60.15	59.81	60.49	58.50	58.94	60.84	59.79	25.8	24.1	27.2	28.7	27.6	25.7	26.5	29	23.6	84	86	81	74	80	82	81.2	.....
7..	59.57	59.47	60.05	58.90	59.38	60.86	59.70	24.3	23.8	27.5	28.7	27.7	25.6	26.3	29.1	23.1	86	89	79	76	79	83	82	.....
8..	59.30	59.18	59.92	58.55	58.85	60.38	59.36	24.1	23.9	27.3	28.9	28.1	26.4	26.4	29.5	23	89	90	75	78	78	79	81.5	.....
9..	59.35	59.19	60.38	58.58	58	90 60.23	59.44	24.2	26.4	26.2	28	27.1	25.7	26.3	28.6	23.7	90	87	87	79	76	82	83.5	1.8
10..	59.17	59.02	60.42	58.98	58.47	59.80	59.31	25.2	24.5	23.2	27.5	25.3	24.5	25	28.3	22	89	93	91	69	85	87	85.7	2.5
11..	59.36	59.06	59.65	58.53	58.85	60.10	59.26	24.2	24.5	28.4	27.2	25	25.1	25.7	29 6	23.5	90	90	76	79	88	87	86	.....
12..	59.36	59.03	60.26	58.66	58.67	59.90	59.31	23.8	23.4	25	27.4	26.8	24.8	25.2	28.3	22.5	89	90	88	80	77	89	85.5	1.1
13..	59.72	59.09	59.28	58	58.08	59.47	58.94	24.6	24.7	28.5	27.8	24.5	24	25.7	29.5	23.5	90	90	74	80	95	93	87	13.7
14..	59.03	59.17	59.83	58.70	59.21	60.22	59.36	24.5	24.2	29.1	27.8	25.8	24.5	26	30.1	23.6	89	90	70	74	85	87	82.5	1.8
15..	59.72	59.32	59.78	58.59	59.15	60.41	59.50	23.6	23.1	26.7	27.7	27.1	24.6	25.5	30	22.5	90	90	79	72	77	88	82.7	.....
16..	60.11	60.08	60.53	59.39	59.50	61.15	60.13	23.4	23.5	27.4	28.5	26.4	24.7	25.6	29.1	22.7	86	82	79	72	71	86	79.3	.....
17..	60.37	60.23	61.03	59.01	58.63	60.10	59.90	23.3	23.6	27.4	28.7	27.4	24.5	25.8	29	22.4	90	84	80	75	74	89	82	.8
18..	59.45	59.11	60.10	57.98	58.08	59.94	59.11	23.6	24.2	27.3	28.4	27.4	25.4	26	29	23.1	92	93	82	73	76	84	83.3	16.5
19..	59.14	59.14	60.19	58.18	58.64	60.45	59.29	24.9	23	27.3	27.7	26.8	25.3	25.8	28.8	21.5	86	96	78	76	80	89	84.2	17.5
20..	60.02	60.37	60.74	58.68	58.90	60.21	59.82	23.5	22.8	26.9	27.8	27.5	24.6	25.5	29	21.5	89	93	71	73	77	91	82.3	1.3
21..	59.56	59.47	60.42	59.09	58.88	60.49	59.65	23.8	23.5	28	28.9	27.7	25.5	26.2	29.3	23	91	92	74	75	76	84	82	.....
22..	59.65	59.72	60.65	58.88	59.28	60.28	59.74	24.5	24.4	27.3	28.6	27.4	26	26.4	29.4	23.5	92	92	85	80	78	84	85.2	.....
23..	59.73	59.53	60.42	58.40	57.83	59.40	59.22	25.1	26	27.5	29	28.2	26.3	27	29.5	23.9	91	88	84	76	76	82	82.8	.....
24..	59.11	58.70	59.14	57.41	57.64	59.08	58.51	26	25.7	27.8	29.1	27.7	27	27.2	29.6	25.2	82	87	82	74	73	80	79.7	.....
25..	58.78	58.50	59.63	57.22	57.56	59.18	58.48	25.5	26.2	27.4	30	27.6	25.7	27.1	30.8	24.3	88	88	85	71	81	86	83.2	.....
26..	59.19	58.60	59.67	58.44	58.49	60.03	59.07	24.2	23.5	27.7	28.2	27.8	25.4	26.1	29.5	23	84	79	76	80	78	84	80.2	.....
27..	59.24	59.16	59.78	58.15	58.04	59.33	58.95	24	24.2	27.2	28.5	28	25.8	26.3	28.8	23.2	91	91	83	79	80	85	84.8	.....
28..	58.78	58.87	59.88	57.94	58.38	60.13	59	25.4	24.2	27.7	28.5	27.7	26.2	26.6	28.7	23.4	84	86	79	78	83	76	81	1.8
29..	59.29	59.30	61.16	59.18	59.83	61.19	59.99	24.8	25.5	24	26.2	25.5	24.3	25	28.2	22.2	85	88	97	83	84	89	87.7	6.7
30..	60.06	60.34	60.93	59.01	59.25	60.93	60.09	23.8	24	27.4	27.5	28.1	25.8	26.1	29	23.4	89	89	78	84	74	81	82.5	.....
31..	60.38	60.01	60.67	58.30	58.75	60.88	59.83	25.1	25.2	27	28.6	28	25.8	26.6	29	24.5	84	88	83	75	77	86	82.2	.....
Mean	59.67	59.50	60.36	58.65	58.83	60.34	59.56	24.3	24.2	27.2	28.3	27.2	25.3	26.1	29.2	23.1	87.5	88.3	79.9	75.9	78.6	84.8	82.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	NNE	SE	SE	WNW	NNE	26.8	38	62.5	14	141.3	9	Ci.-S.	Fr.-N.	6	Ci.-Cu.	Cu.
2..	NNE	NNE	SSE	SSE	NW	Calm	10.8	32.2	87.7	11.6	142.3	10	Ci.-S.	Fr.-N.	6	Ci.	Cu.
3..	Calm	Calm	SW	WSW	NW	NNE	11.9	27.9	82.1	12.4	134.3	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. WSW
4..	Calm	Calm	Calm	SW	W	NNE	4.2	12.7	62.6	19.9	99.4	7	Ci.	N.	7	A.-Cu.	Cu.
5..	N	NNE	SSE	SE	W	Calm	27.4	26	81.3	26.6	161.3	7	A.-Cu.	Fr.-N.	4	Ci.-Cu.	Cu.-N.
6..	N	Calm	SW	W	WNW	Calm	7.1	33.2	101.6	23.6	185.5	9	Ci.-S.	N.	7	A.-Cu.	Cu.
7..	N	Calm	W	WNW	WNW	Calm	15	45.6	110	31.9	202.5	6	Ci.-Cu.	Cu.	7	Ci.	Cu.
8..	Calm	Calm	W	W	WNW	NNW	9.9	27.2	110.7	28.7	176.5	7	Ci.	N.	8	Ci.-S.	Fr.-N.
9..	NNW	SW	W	W	WNW	WNW	26.8	51.7	111.5	42.1	232.1	9	Ci.-S.	Fr.-N. SW	8	Ci.-S.	Fr.-N. W
10..	NW	Calm	WSW	W	WSW	Calm	28.4	54.7	94.6	20.3	198	10	.....	Fr.-N. W	10	Ci.-S.	Fr.-N. W
11..	Calm	Calm	WNW	S	Calm	Calm	10	47.3	95.3	24.7	177.3	10	Ci.-S.	Fr.-N.	10	A.-S.	Fr.-N. W
12..	N	N	SE	SW	SW	NNE	17.1	38.8	107.2	9.1	172.2	10	Ci.-S.	Fr.-N.	10	A.-S.	Fr.-N. SW
13..	Calm	NNE	SE	SE	NNE	Calm	15.1	78.9	67	13.2	174.2	9	Ci.-S.	Fr.-N. SE	8	Ci.-S.	Fr.-N. SE
14..	Calm	Calm	SE	SSE	W	Calm	11.8	53.7	65	66	196.5	8	Ci.-Cu.	N.	7	Ci.-S.	N.
15..	Calm	Calm	SE	SE	NE	Calm	7.5	49.7	61.5	14.7	133.4	7	Ci.-Cu.	N.	7	Ci.-S.	Fr.-N.
16..	NNE	NNE	SSW	WSW	NW	Calm	17.2	38	62.5	9.2	126.9	7	A.-Cu.	N.	7	Ci.	Cu.-N. W
17..	Calm	NNE	SW	W	WNW	Calm	7.2	39.9	111	9.5	167.6	6	Ci.	Cu.	7	Ci.	Cu.
18..	NW	NW	W	WNW	W	Calm	20.1	74.2	115.3	36.2	245.8	7	Ci.	Fr.-N.	8	Ci.	Cu.
19..	Calm	SW	W	WNW	WNW	WNW	31.6	86.1	114.3	34.9	266.9	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. WNW
20..	WNW	WNW	W	W	SE	Calm	22.7	104	46.7	10.3	183.7	10	.....	Fr.-N. W	10	A.-S.	Fr.-N.
21..	NNE	NNE	W	WNW	WNW	Calm	15	21.5	82.7	13.5	132.7	9	Ci.-S.	N.	7	A.-Cu.	Cu.
22..	Calm	Calm	W	W	W	WNW	12.4	53.4	114.1	40.4	220.3	8	Ci.-S.	N.	6	Ci.	Cu.
23..	Calm	WNW	WNW	WNW	WNW	W	22.2	63.8	107	30.1	223.1	8	Ci.	N.	7	Ci.	Cu.
24..	NW	Calm	WNW	WNW	WNW	WSW	26.9	46.7	96.4	42.1	212.1	8	Ci.	N.	7	Ci.-S.	Cu.
25..	WSW	WSW	WNW	WNW	SE	Calm	41.3	51	78.6	15.9	186.8	8	Ci.	N.	6	Ci.	Cu.
26..	NNE	NNE	S	WNW	W	Calm	25.1	20.1	74.8	19.9	139.9	2	Ci.	N.	7	Ci.-S.	Fr.-N.
27..	Calm	Calm	WSW	WNW	W	Calm	8	39.9	108.4	22.5	178.8	6	Ci.	N.	6	Ci.	Cu.
28..	Calm	Calm	WSW	W	W	NW	6.6	29.2	106.5	54.9	197.2	8	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.
29..	WNW	NW	NW	WNW	Calm	Calm	32.5	64.1	84	4.2	184.8	10	Ci.-S.	Fr.-N.NW	10	Ci.-S.	Fr.-N. W
30..	Calm	Calm	SE	SE	Calm	Calm	9.1	42.8	51.8	8	111.7	9	Ci.-Cu.	Fr.-N.	8	Ci.-S.	Cu.
31..	WSW	SW	W	WNW	WNW	N	44.9	50.9	58.5	19.9	174.2	10	.....	N.	9	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	19.1	46.6	87.5	23.6	176.8	8.1	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,479.3	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.14	59.75	61	59.62	59.65	60.93	60.18	24.8	24.5	27.7	28.6	27.5	25.7	26.5	29.3	23.9	85	85	76	74	81	84	80.8	.....
2..	60.17	60.20	61.37	59.01	59.04	60.90	60.12	24.6	24.3	27.4	28.4	28.3	26	26.5	29.8	23.7	87	89	81	78	73	92	83.3	.....
3..	59 96	60.05	60.28	58.03	58.28	60.16	59.46	24.2	23.3	28	29.5	28	26.5	26.6	30.3	22.2	86	84	77	72	79	88	81	.....
4..	58.87	58.83	59.88	57.28	57.84	59.08	58.63	25.6	25.4	28.5	29.8	28.3	27.6	27.5	30.2	24.5	88	89	75	73	78	81	80.7	.....
5..	58.08	58.05	58.98	56.66	57.53	59.23	58.09	25.8	25.5	28.8	29.8	27.3	26.6	27.3	30.5	22.5	90	91	76	76	86	90	84.8	5.1
6..	58.07	58.21	59.25	57.62	57.78	59.30	58.37	26.8	26.1	28.1	29.2	27.7	27.1	27.5	30.2	25.5	89	93	84	79	81	83	84.8	.....
7..	58.77	58.92	59.33	57.17	57.86	59.20	58.54	25.6	24.5	28	29.7	28.1	26.7	27.1	30.2	23.5	86	90	74	77	79	86	82	.3
8..	58.72	58.85	60.05	58.59	58.48	59.94	59.10	25.9	26	25.7	28.2	27.7	26.6	26.7	28.7	22.4	90	90	89	80	85	89	87.2	5.3
9..	59.43	59.68	60.45	58.38	59.19	60.93	59.68	26	26.5	27.4	29	27.9	25.3	27	30	24.8	90	86	81	74	74	89	82.3	.....
10..	60.42	60.02	60.92	58.53	59.25	60.58	59.95	24.4	23.7	28	30	28.3	25.7	26.7	30.5	23.1	90	90	75	73	72	88	81.3	.....
11..	59.90	60.09	60.83	58.94	59.73	60.80	60.05	24.4	24.2	28.4	29	28.5	25.5	26.7	30	23.5	88	86	76	74	78	89	81.8	.....
12..	60.09	60.35	61.25	59.30	59.25	60.80	60.17	24.8	25	28.5	29	29	25.7	27	30.5	24.1	89	88	75	72	76	88	81.3	.....
13..	60.42	60.87	61.09	59.17	59.79	61.23	60.43	24.9	25	28.2	28.5	28.8	26.2	26.9	30.2	24.2	84	82	80	78	77	84	80.8	6.1
14..	60.94	61.27	61.98	59.99	60.15	62.23	61.09	25	24	26.5	28	27.1	25.3	26	28.5	23.5	90	96	80	79	80	89	85.7	5.1
15..	60.62	60.65	61.85	59.84	60.77	62.05	60.96	24.7	24	28.2	28.3	27.7	25.5	26.4	29.2	23.5	87	85	80	79	79	84	82.3	.....
16..	60.50	60.45	61.75	59.23	60.03	62.29	60.71	24.5	24	28.1	28.5	27.8	25.6	26.4	29	23.3	89	91	71	70	82	85	81.3	.....
17..	60.96	61.22	61.92	59.32	60.15	61.38	60.82	24.8	24.5	28	28.2	28	26	26.6	28.9	23.8	87	87	77	69	79	88	81.2	2
18..	60.23	61.05	61.98	59.87	60.38	62.03	60.92	25.8	25	27.6	28.5	27.4	25.6	26.6	28.7	23.5	91	96	80	71	78	87	83.8	1.3
19..	60.95	61.50	62	60.07	60.38	61.82	61.12	25.1	24	27.5	28.6	26.6	24.6	26.1	29.4	23.1	88	89	84	76	83	88	84.7	.3
20..	61.11	59.44	60.57	59.26	59.25	59.86	59.92	24.2	25.1	27.7	24.5	24.6	24.7	25.1	28.1	22.7	87	83	78	92	91	90	86.8	12.3
21..	59.82	59.35	60.46	58.36	58.42	59.61	59.34	24.7	24.5	26.9	26.6	26.7	25.6	25.8	28.6	23	92	92	81	80	80	86	85.2	.6
22..	59.89	59.65	60.82	59.34	59	60.05	59.79	24.9	24.5	27.6	25.6	24.9	23.5	25.2	28.7	22.9	91	91	81	78	87	91	86.5	.3
23..	59.80	59.24	60.63	58.30	59.15	60.58	59.62	23.4	23.5	27	28.6	26.8	25	25.7	29.5	22.8	91	91	82	68	78	90	83.3	.....
24..	59.95	59.86	61.30	59.18	59.35	60.96	60.10	24	23.2	27.7	27.8	27.5	25.8	26	29.5	22.5	90	89	76	77	81	88	83.5	.....
25..	60.32	60.37	61.28	59.17	59.43	60.83	60.23	24.3	23.7	27.5	28.5	26.8	25.3	26	29.5	23.3	88	88	84	79	81	89	84.8	.....
26..	60.21	60.17	61.50	59.35	59.25	60.43	60.15	24.7	24.3	27.3	27.5	27.5	25.4	26.1	28.6	23.8	88	86	80	81	84	88	84.5	.....
27..	59.85	59.64	60.67	58.47	59.28	60.73	59.77	24.4	24.1	28.1	28.2	27.6	25.8	26.4	29.2	23.7	88	88	75	77	84	85	82.8	.5
28..	59.72	59.35	60.13	58.07	58.22	59.78	59.21	24.5	24.3	26.6	26.3	26.2	26	25.6	28.5	23.6	85	85	87	80	85	81	83.8	22.7
29..	58.26	58.57	59.85	56.81	58.08	59.80	58.56	25.2	24.2	24.8	26.3	26.2	24.7	25.2	27.8	22.2	88	95	89	86	84	90	88.7	23.6
30..	58.47	58.68	59.80	57.75	58.92	60.44	59.01	26.4	25.5	27.9	27.7	25.1	26	26.4	29.3	24.2	85	88	80	79	85	85	83.7	6.6
Mean	59.82	59.81	60.77	58.69	59.13	60.60	59.80	24.9	24.5	27.6	28.2	27.3	25.7	26.4	29.4	23.4	88.2	88.8	79.5	76.7	80.7	87.2	83.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	W	W	Calm	Calm	11.1	49.9	76.6	5	142.6	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.
2..	WNW	Calm	W	WSW	NW	Calm	8.9	22.5	49.6	24.6	105.6	9	.....	Fr.-N.	3	Ci.	Cu.
3..	Calm	NNE	S	WNW	W	NW	15.1	30.1	83.7	44.6	173.5	4	Ci.	N.	4	Ci.	Cu.
4..	Calm	Calm	W	WNW	W	WSW	8.3	43.3	100.4	53.9	205.9	7	Ci.	Cu.	7	A.-Cu.	Cu.
5..	NNW	Calm	WNW	WNW	WSW	Calm	13.7	52.9	102.5	43.3	212.4	10	A.-S.	Fr.-N.	7	Ci.-S.	Cu.
6..	NW	Calm	WNW	WNW	W	NW	28.4	68.1	80.5	32.7	209.7	10	A.-S.	N.	10	A.-S.	N.
7..	Calm	Calm	SSW	WNW	Calm	Calm	9.5	22.5	56.1	36.4	124.5	7	Ci.-S.	N.	8	Ci.-S.	Cu.
8..	Calm	Calm	WSW	W	WNW	WSW	28.8	16.4	87.9	80.5	213.6	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Fr.-N. W
9..	WSW	SW	WSW	WNW	WNW	Calm	72.7	59.2	103.8	36.5	272.2	8	A.-Cu.	Fr.-N. W	6	Ci.	Cu.
10..	Calm	NNE	WSW	WNW	NW	Calm	10.5	26.6	74.8	23.3	135.2	7	Ci.	Cu.	6	Ci.-S.	Cu.
11..	Calm	Calm	SE	SE	Calm	Calm	12.6	50.2	73.4	9.5	145.7	8	Ci.	N.	7	Ci.	Cu.-N.
12..	Calm	E	ESE	SE	ENE	Calm	17.1	43.3	102.2	11.1	173.7	9	Ci.-S.	Fr.-N. E	4	Ci.	Cu.
13..	Calm	Calm	SE	SE	E	Calm	11.5	59	114.1	8.5	193.1	7	Ci.-S.	N.	3	Ci.	Cu.
14..	NNE	NE	Calm	SSE	Calm	Calm	27.9	21.4	40.2	5.3	94.8	10	.....	N.	6	Ci.-S	Cu.-N.
15..	Calm	Calm	SE	SSE	NW	Calm	5.8	57.4	76.2	12.9	152.3	9	Ci.	N.	7	Ci.	Fr.-Cu.
16..	N	Calm	SE	SE	SSE	Calm	10.7	44.1	53.3	7.8	115.9	9	Ci.-S.	N.	8	Ci.-S.	N.
17..	Calm	Calm	Calm	SW	Calm	Calm	9.9	9.1	28.5	16.9	64.4	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N.
18..	Calm	Calm	Calm	WNW	WNW	Calm	10.3	18.8	82.9	3.5	115.5	10	.....	N.	8	Ci.-S.	N.
19..	Calm	Calm	SSW	W	WSW	Calm	9.1	24.9	99	57.1	190.1	9	Ci.-S.	N.	8	Ci.-S.	Fr.-N.
20..	Calm	NW	WSW	Calm	WSW	NW	11.5	89.8	43.7	31.9	176.9	8	Ci.-Cu.	Cu.	10	.....	N.
21..	Calm	W	W	WNW	NW	WNW	42.8	92.7	152.9	36.4	324.8	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
22..	WNW	Calm	W	WNW	Calm	Calm	14.2	31.9	70.8	9.2	126.1	8	Ci.-S.	N. WNW	10	Ci.-S.	Fr.-N.
23..	N	Calm	SW	W	WNW	Calm	7.2	39.9	106	9.2	162.3	7	Ci.-Cu.	N.	8	Ci.	Cu.-N.
24..	Calm	Calm	SE	SE	E	Calm	9.4	38	75.9	4	127.3	6	Ci.-S.	N.	8	Ci.-S.	Cu.
25..	Calm	Calm	SE	WSW	Calm	Calm	9.4	65.2	64.6	7	146.2	3	Ci.	Cu.-N.	7	Ci.	Cu.-N.
26..	N	Calm	Calm	S	W	Calm	12.1	19.5	63.8	19.9	115.3	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N.
27..	Calm	Calm	S	WSW	WNW	W	2.2	30.4	82.3	40.2	155.1	10	Ci.-S.	Fr.-N.	6	Ci.	Cu.
28..	Calm	Calm	SW	WNW	W	NW	12.3	72.1	118.3	61.5	264.2	9	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N. WNW
29..	NW	WNW	WNW	WNW	WSW	WSW	68.2	106.2	137.4	128.9	440.7	10	.....	N. W	9	Ci.-S.	Fr.-N. W
30..	NNW	NW	W	W	NW	WSW	149.1	88	104.8	83.5	425.4	10	Ci.-S.	Fr.-N. NW	9	Ci.-S.	Fr.-N. W
Mean	.....	.....	.....	.....	.....	.....	22	46.4	83.5	31.5	183.5	8.4	.....	.....	7.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,505	....	.....	.....	.....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.68	59.13	60.37	58.73	59.01	60.18	59.35	26	25.7	27.7	23.5	24	25	25.3	30.5	22.2	87	88	83	96	96	89	89.8	9.7
2..	59.19	59.17	60	57.90	58.80	60.34	59.23	24.5	25.7	27.3	25.2	27.4	25.4	25.9	29	21	84	78	82	92	80	90	84.3	2.8
3..	58.48	58.81	59.78	57.22	57.63	59.38	58.55	26	24.8	28	28.7	28	25.7	26.9	29.5	23.8	87	93	77	83	80	88	84.7	.....
4..	58.89	59.18	60.75	59.20	59.13	60.71	59.64	24.1	23.9	28.3	28.5	28	25.3	26.4	29.8	23.3	91	90	75	74	80	89	83.2	.....
5..	60.21	60.30	61.42	59.24	59.80	61.51	60.41	24.2	23.5	29.5	28.4	27.8	25.4	26.5	31	23.1	88	85	69	80	81	91	82.3	.....
6..	60.40	60.87	61.43	59.68	59.17	60.55	60.35	24.5	23	27.6	28.3	27.8	25.2	26.2	29	23	89	90	81	75	82	90	84.5	4.3
7..	59.51	59.53	60.30	58.22	58.16	60.10	59.30	24	23	27.4	28.7	27.9	25.8	26.1	29	21.9	90	88	81	80	82	87	84.7	.....
8..	59	59.80	60.52	58.68	58.80	60.16	59.49	24.7	24.3	27.7	28	27.3	25.5	26.2	29	23.5	87	89	83	74	82	88	83.8	.....
9..	59.30	59.85	60.43	58.45	58.95	60.13	59.52	24.9	25	27.7	28.3	27.6	25.4	26.5	29.1	24	90	89	83	80	84	88	85.7	.....
10..	59.04	59.45	60.28	58.48	58.80	60.43	59.41	24.3	24.2	27.8	28	26.6	25.3	26	28.7	23.1	87	87	83	78	81	88	84	19.3
11..	59.12	60.41	60.28	58.41	59.03	60.50	59.62	25.4	23.5	28.1	27.9	26.5	25.5	26.2	28.6	21.8	87	96	71	74	82	90	83.3	4.3
12..	59.03	59.40	60.69	58.64	59.09	60.50	59.56	24.4	24.8	27.8	25.5	26.1	25	25.6	29	23	91	92	77	86	87	89	87	.3
13..	59.19	59.21	60.13	57.98	58.52	59.96	59.16	25.1	24.5	28	27.9	25.8	25.9	26.2	29.6	23.4	88	87	76	82	85	85	83.8	6.1
14..	58.65	58.77	60.03	57.65	57.57	58.75	58.57	25.6	25	29	27.3	27.3	26.6	26.8	29.7	22.9	87	89	69	78	76	80	79.8	12.8
15..	57.83	58.56	58.90	56.74	57.67	58.55	58.04	24	25.3	27.5	28.5	26	26.7	26.3	29	22.5	96	95	81	78	80	85	85.8	15
16..	57.37	57.77	59.35	56.43	57.45	58.74	57.85	25	26.5	28.5	29.8	28.3	26.6	27.4	30.3	23.5	90	88	78	77	79	89	83.5	3.8
17..	58.12	59.41	59.13	57.22	58.12	60.40	58.73	25.5	23	29.1	29.3	25.7	24.5	26.2	30.4	22.5	88	96	74	76	90	96	86.7	3.8
18..	59.44	59.11	60	57.79	58	59.78	59.02	23.8	23.9	27.8	29.5	27.2	25.7	26.3	30	23	96	96	82	72	84	90	86.7	.....
19..	58.71	58.91	60.53	57.78	58.14	59.48	58.92	25	24.3	28.5	29.4	28.4	25.7	26.9	30.2	23.5	90	93	79	78	78	88	84.3	.....
20..	58.73	58.64	59.55	57.37	57.56	58.97	58.47	25.3	24.5	27.5	28.7	27.8	26	26.6	29	23.5	89	93	86	78	84	88	86.3	.....
21..	58.54	58.24	59.12	57.48	57.90	59.16	58.41	25	24.4	27.8	28.2	25.5	25	26	29.2	23.5	88	86	79	84	93	92	87	.....
22..	58.27	59.14	59.63	57.83	58.20	59.65	58.79	24.8	25.2	28	27.4	27.8	25.6	26.5	29.5	23.9	91	90	82	81	82	92	86.3	.....
23..	59.01	59.82	60.53	58.23	58.76	60.26	59.44	25.3	25.2	28.7	28.4	27.8	25.8	26.9	29.7	24.5	93	94	74	83	82	89	85.8	.....
24..	59.29	59.85	60.30	58.47	58.64	59.85	59.40	24.9	24.4	27.8	28.9	27.4	25.4	26.5	29.8	23.5	86	83	82	76	85	90	83.7	.....
25..	59.24	59.37	60.13	58.24	58.33	60.10	59.24	24.8	24.1	27.4	28.3	27.8	25.5	26.3	29.7	23.4	88	86	85	78	86	89	85.3	.....
26..	59.66	59.46	60.85	58.78	59.29	60.07	59.68	24.5	24.4	26.7	31.5	27.7	24.7	26.6	32.3	23	87	86	90	62	85	92	83.7	.....
27..	59.96	60.07	60.90	59.07	59.38	60.85	60.04	24.5	24.4	28	31	27.7	25.7	26.9	32.4	22.2	94	94	82	67	84	90	85.2	31
28..	60.42	59.90	60.78	58.82	59.23	60.41	59.93	23.9	24.2	28.2	28.9	27.7	24.7	26.3	29.7	22	92	94	77	74	78	90	84.2	.5
29..	59.72	59.17	59.15	56.86	57.28	58.65	58.47	24.8	24.6	28.4	29.3	28.4	25.8	26.9	30.5	23.8	89	92	76	78	83	89	84.5	.8
30..	58.01	58.22	59.40	57.31	57.85	59.05	58.31	24.9	24.7	29	28.5	27.8	25.8	26.8	30.2	23.9	88	87	74	78	82	89	83	.....
31..	58.22	58.68	59.83	58.30	58.92	60.45	59.07	25.1	25.2	28.4	26.7	26.3	24.3	26	30.5	23.3	83	83	78	86	88	89	84.5	14.9
Mean	59.01	59.30	60.14	58.10	58.49	59.92	59.16	24.8	24.5	28	28.3	27.2	25.5	26.4	29.8	23.1	89.1	89.6	79	78.6	83.3	89	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	WNW	WNW	WSW	Calm	WSW	50.2	88.5	92.3	27.4	258.4	8	Ci.-S.	Fr.-N. W	10	.....	N.
2..	N	NW	NW	Calm	WSW	Calm	58.9	102.7	55	18.3	234.9	9	Ci.-S.	N.	10	A.-S.	N.
3..	NNE	Calm	WNW	WNW	SW	Calm	22.8	29.8	78.1	21.1	151.8	10	Ci.-S.	Fr.-N.	7	Ci.	N.
4..	NE	NNE	SE	SE	E	Calm	22.8	44.9	89.5	8.7	165.9	8	Ci.-S.	N.	8	Ci.-S.	Fr.-N. SE
5..	Calm	Calm	SE	SE	E	Calm	11	54.1	80.3	6.4	151.8	9	Ci.	Fr.-N.	3	.....	Cu.
6..	Calm	Calm	SSE	WSW	W	Calm	18.2	45.7	70.8	17.7	152.4	2	.....	S.	7	Ci.-S.	Fr.-N.
7..	Calm	Calm	WSW	W	WNW	Calm	6.7	59.5	130	27.4	223.6	7	Ci.-S.	N.	2	.....	Cu.
8..	Calm	Calm	S	W	NW	Calm	7.8	28.8	63.1	25.2	124.9	10	Ci.-S.	N.	9	Ci.-S.	Fr.-N.
9..	NW	Calm	WSW	WSW	W	Calm	11.1	34.6	81	7.8	134.5	8	A.-Cu.	Fr.-N.	7	Ci.-S.	Fr.-N.
10..	Calm	Calm	W	WNW	Calm	NW	7.2	53.1	73.2	35.7	169.2	8	Ci.-S.	Fr.-N.	10	A.-S.	Fr.-N. WNW
11..	SW	NW	WNW	WNW	WNW	WNW	43.8	86.1	118.8	43.1	291.8	10	.....	N.	9	Ci.-S.	Fr.-N.
12..	WNW	WNW	WNW	W	Calm	Calm	54.4	124.5	70.2	5.4	254.5	9	Ci.-S.	Fr.-N. W	10	Ci.-S.	Fr.-N. W
13..	Calm	Calm	W	WNW	W	WNW	1.3	73.4	82.7	27.1	184.5	8	Ci.	N.	9	Ci.-S.	Fr.-N.
14..	WNW	NW	WNW	W	WNW	NW	32.2	82.3	128.1	43.7	286.3	10	Ci.-S.	Fr.-N. NW	9	Ci.-S.	Fr.-N.
15..	WNW	WNW	W	W	NW	WNW	52.5	112.9	126.1	75.4	366.9	10	Ci.-S.	Fr.-N. NW	7	Ci.-S.	Fr.-Cu. W
16..	WNW	WNW	W	NW	WSW	SSW	51.5	63.4	33.4	46.4	244.7	10	Ci.-S.	Fr.-N. W	7	Ci.	Cu.
17..	Calm	SW	ESE	WNW	Calm	Calm	16.1	40.2	92.7	16.1	165.1	10	Ci.-S.	Fr.-N. NW	9	Ci.-S.	N. W
18..	Calm	Calm	SSE	W	WSW	Calm	4.2	25.2	80.8	14.2	124.4	8	A.-Cu.	N.	7	Ci.	Cu.
19..	Calm	Calm	Calm	SW	Calm	N	8	7.4	43.5	9.4	68.3	3	Ci.	N.	4	Ci.	Cu.
20..	N	Calm	WSW	WNW	W	Calm	15	38.8	120.5	14	188.3	8	Ci.-S.	N.	7	Ci.-S.	Cu.
21..	Calm	Calm	SE	W	Calm	Calm	3.7	29.8	78.7	9.7	121.9	10	Ci.-S.	Fr.-N.	10	A.-S.	N.
22..	Calm	Calm	Calm	WSW	Calm	Calm	9.2	9.9	41.6	5.9	66.6	10	Ci.-S.	N.	8	Ci.-S.	N.
23..	Calm	Calm	SSE	S	Calm	Calm	2.6	28	67	5.1	102.7	10	Ci.-S.	N.	5	Ci.	Cu.
24..	Calm	Calm	SSE	SW	SW	Calm	10.8	41.5	60	18	130.3	8	Ci.	N.	8	Ci.-S.	N.
25..	Calm	NNE	S	W	WNW	Calm	16.7	42.4	71.9	4.2	135.2	6	Ci.	N.	7	Ci.-S.	N.
26..	Calm	Calm	SE	SE	Calm	NNE	7.5	50.1	66	9.9	133.5	5	Ci.-S.	Fr.-N.	7	Ci.	Cu.
27..	NNE	Calm	SE	ESE	WNW	Calm	8.3	61.5	69.2	4.5	143.5	8	Ci.-S.	Fr.-N.	6	.....	Fr.-Cu. E
28..	SE	Calm	SSE	W	WNW	Calm	27.4	39.1	67.1	5	138.6	8	Ci.-S.	Fr.-N.	7	Ci.	Cu.
29..	Calm	NE	SSE	SE	NW	Calm	11.1	54.1	46.7	8.3	120.2	8	Ci.-S.	Fr.-N.	7	Ci.	Cu.
30..	Calm	Calm	ESE	SE	Calm	N	10.7	52.8	73.4	13.5	150.4	8	Ci.	Cu.	7	Ci.-S.	Cu.
31..	N	Calm	SSE	SE	NW	N	16.9	45.9	58.9	18.5	140.2	7	Ci.-S.	Cu.	9	Ci.-S.	N. SE
Mean	.....	.....	.....	.....	.....	.....	20	53.3	79.4	19.1	171.8	8.2	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,325.3	.....	.....	.....	.....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.97	58.66	59.50	57.28	57.40	59	58.47	23.8	24.2	28.4	28.3	27.3	25.2	26.2	30.9	23.2	90	90	76	78	84	90	84.7	8.1
2..	58.44	58.37	59.58	57.28	57.35	59.03	58.34	24.5	24.4	26.5	27.8	27	25	25.9	28.2	23.7	96	97	91	81	85	88	89.7	1.1
3..	58.02	58.19	59.33	57.33	57.23	58.46	58.09	23.9	23.6	28	28.7	27.3	25.2	26.1	32.2	23	93	95	79	78	84	86	85.8	.....
4..	57.52	57.82	59.35	57.16	57.70	58.70	58.04	24.5	24.2	25.8	28.2	27.2	25.4	25.9	32.1	23.5	86	87	88	78	84	84	84.5	1.6
5..	57.92	58.51	59.30	57.27	57.84	59.34	58.36	24.4	24.4	27	28.5	27.5	25.4	26.2	29.2	23.5	89	88	84	78	84	88	85.2	2
6..	58.19	58.26	59.18	57.28	58.24	59.60	58.46	24.8	24.5	28.2	31.4	27.7	25.6	27	32.3	23.5	95	96	80	70	85	87	85.5	14.5
7..	58.72	58.89	59.28	57.38	57.93	59.05	58.54	24	24	30.7	29	28.7	25.1	26.9	32.1	23	91	91	64	74	77	87	80.7	.....
8..	58.79	58.71	59.88	57.77	58.19	59.55	58.82	24.6	24.5	28	29.1	27.8	26	26.7	30.5	24	87	83	81	74	82	85	82.0	.....
9..	58.82	59.17	60.08	57.88	58.39	60.09	59.07	24.8	24.7	26.7	28.4	27.5	24	26	28.7	23.3	86	86	81	80	82	91	84.3	16.3
10..	59.06	59.22	60.13	57.78	58.77	60.34	59.22	23.7	24.1	29.2	31.5	28.2	25.8	27.1	32.7	23	91	91	74	59	78	89	80.3	4.1
11..	59.51	59.54	60.28	58.32	58.68	60.25	59.43	24.3	23.8	27.5	28.5	27.5	25.1	26.1	29	23.3	89	90	81	73	73	91	82.8	2.5
12..	59.60	59.40	59.65	57.36	58.43	60.14	59.10	24.5	23.5	30.3	28.5	28.2	25.8	26.8	31.2	23.2	87	92	68	78	81	85	81.8	.3
13..	58.86	59.60	60.59	58.59	58.90	60.59	59.52	24.5	24.2	29.7	28.5	27.8	24.2	26.5	32	23.2	92	91	70	78	80	90	83.5	7.4
14..	59.22	59.47	60.72	58.24	58.80	60.53	59.50	23.6	24	28	30.3	28	25.2	26.5	31.3	22.8	92	90	77	65	74	86	80.7	.....
15..	59.60	59.57	60.37	57.90	58.05	59.45	59.16	24	23.8	31.7	29.3	28	25.2	27	32.7	23.2	88	89	60	72	80	86	79.2	.....
16..	58.42	58.77	59.88	57.83	58.24	59.49	58.77	24.2	24.7	27.7	29.2	28	25.5	26.6	29.3	23.5	88	86	79	74	79	88	82.3	.....
17..	58.28	58.76	59.76	58.24	58.38	59.63	58.84	24.6	23.9	28.5	28.3	27.7	25.4	26.4	31.2	23.4	88	89	75	75	79	88	82.3	.....
18..	59.04	58.69	59.85	58.09	58.63	59.76	59.01	24.4	24	28.5	28.7	27.6	25.1	26.4	31.5	23.4	88	90	72	75	79	91	82.5	.....
19..	58.87	59.09	60.19	58.18	58.31	59.75	59.06	24.6	24.3	25.2	29.9	26.8	25	26	32.2	23.4	90	90	90	69	83	88	85	2.5
20..	59.08	59.80	60.75	58.33	58.43	59.67	59.34	24.2	23.3	27.8	29.2	26.9	24.8	26	32.5	22.8	87	90	81	74	85	92	84.8	2.3
21..	58.74	59.41	60.21	57.99	58.69	59.77	59.14	25	24.5	27.7	30.3	27.7	24.5	26.6	31.3	23.2	91	91	83	70	83	92	85	.3
22..	59.08	59.32	60.22	58.05	58.63	60.13	59.24	23.5	23.5	27.4	28.5	27.5	25.2	25.9	29.4	22.4	85	85	81	78	87	90	84.3	.....
23..	59.67	59.67	60.28	58.49	58.95	60.05	59.52	24.2	23.8	27.4	29.2	28	25.7	26.4	30.4	22.9	90	82	82	78	77	90	83.2	.....
24..	59.35	59.52	60.08	58.39	58.78	60.33	59.41	24.5	24	27.2	28.7	28	25.6	26.3	29.1	23.4	90	90	81	83	88	87	86.5	.....
25..	59.20	59.67	60.33	58.38	58.43	60.03	59.34	24.4	24	28	28	27.3	25.2	26.2	29.9	23.2	90	89	79	81	83	90	85.3	.....
26..	59.32	59.44	60.43	58.44	58.90	60.30	59.47	25	25.2	28	28.4	27	25.7	26.6	28.6	24.2	90	90	81	80	88	88	86.2	.....
27..	59.17	60.01	60.67	58.07	58.38	59.65	59.32	24.7	23.8	29	28.2	27.5	24.8	26.3	30.9	23.2	90	90	72	77	85	88	83.7	.....
28..	58.53	58.59	59.34	57.45	57.64	59.41	58.49	24.4	23.9	29.5	28.4	27.5	25.4	26.5	33.1	23	88	91	73	80	86	88	84.3	.....
29..	58.47	58.78	59.82	57.90	57.50	59.13	58.60	24.4	23.9	27.7	28.8	27.7	25.5	26.3	30.5	23	90	91	81	76	75	88	83.5	.....
30..	58.37	58.19	59.41	57.84	58.39	59.74	58.66	25.7	24.7	30.8	27.7	26.8	25.8	26.9	31.7	23.8	87	87	63	82	90	85	82.3	.....
Mean	58.83	59.04	59.95	57.88	58.27	59.70	58.94	24.4	24.1	28.2	28.9	27.6	25.2	26.4	30.9	23.3	89.5	89.6	77.6	75.6	82	88.2	83.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	Calm	SE	SE	Calm	Calm	16.3	54.4	78.9	5.1	154.7	8	A.-Cu.	Fr.-N.	4	Ci.	Cu.-N.
2..	Calm	Calm	E	W	W	Calm	13.1	22.5	74.3	9.5	119.4	9	Ci.-S.	Fr.-N.NE	7	Ci.-S.	Cu.
3..	N	Calm	SSE	SW	Calm	Calm	7.8	34.9	60.6	9.1	112.4	7	Ci.-Cu.	Fr.-N.	4	Ci.	Cu.-N.
4..	Calm	Calm	E	SE	WNW	Calm	10	25.9	51.7	7.7	95.3	8	Ci.S.	Fr.-N.	7	Ci.-S.	Fr.-N. SE
5..	Calm	Calm	SW	W	W	Calm	5.8	17.7	78.4	6.6	108.5	9	Ci.-S.	Fr.-N. NNE	4	Ci.	Cu.
6..	Calm	Calm	SSE	ENE	Calm	Calm	5.8	38.4	37	6.1	87.3	10	.....	N.	7	Ci.	Fr.-Cu.ENE
7..	Calm	Calm	ESE	SE	Calm	Calm	4.6	36.2	72.1	2.7	115.6	6	Ci.	Cu.	7	Ci.-S.	Fr.-Cu.
8..	Calm	Calm	SW	WSW	W	Calm	12.9	25.7	92	19.3	149.9	7	Ci.	Cu.	7	Ci.-Cu.	Cu.
9..	Calm	Calm	S	W	Calm	Calm	4	29.5	63.3	17.2	114	8	Ci.-S.	Fr.-N.NE	8	Ci.	Cu.
10..	Calm	Calm	E	E	Calm	Calm	1.1	39.6	73.8	8.5	123	10	Ci.-S.	Fr.-N.NE	6	Ci.	Fr.-Cu.
11..	NNE	NNE	S	WSW	W	Calm	11.1	38.4	99.3	7.7	156.5	9	A.-Cu.	Fr.-N.	7	Ci.	Cu.-N.
12..	NNE	NNE	E	S	Calm	Calm	27.9	25.9	49.9	2.7	106.4	8	A.-Cu.	Fr.-N.	7	Ci.-S.	Cu.-N. NE
13..	Calm	Calm	ESE	W	Calm	NNE	4.3	39.2	62.8	20.4	126.7	9	Ci.-S.	Fr.-N.	7	Ci.-S.	Fr.-Cu. E
14..	N	Calm	SSE	SE	W	Calm	9.9	37	87.5	8.3	142.7	7	A.-Cu.	Fr.-N.	3	.....	Cu.
15..	Calm	Calm	E	SW	W	Calm	7.2	36.7	53.6	9.2	106.7	8	A.-Cu.	Fr.-N.	6	Ci.	Cu. E
16..	Calm	Calm	SSW	W	Calm	Calm	8.9	29	45.4	5.9	89.2	7	Ci.-S.	Fr.-N.NE	4	Ci.	Cu.-N. NE
17..	Calm	Calm	SSE	SE	NNW	Calm	11	51.7	73.7	3.5	139.9	3	.....	Cu.	4	.....	Cu.-N.
18..	Calm	Calm	SE	W	W	Calm	10	46.1	72.1	10.8	139	2	Ci.-Cu.	Cu.	3	.....	Cu.
19..	Calm	Calm	E	SE	Calm	Calm	5.1	44.8	64.2	2.1	116.2	8	Ci.-S.	Fr.-N.	4	Ci.	Cu.
20..	Calm	Calm	WSW	W	Calm	Calm	2.1	32.8	59.8	2.6	97.3	1	.....	Cu.	3	.....	Fr.-Cu.
21..	Calm	NE	SSE	E	W	Calm	9.4	65.5	63.6	6.6	145.1	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N. E
22..	Calm	Calm	WSW	W	W	Calm	4.8	30.8	132.3	26.2	194.1	1	Ci.	Cu.	2	Ci.	Cu.
23..	NNE	NNE	WSW	WSW	Calm	NNE	17.2	35.7	33.2	6.7	92.8	8	Ci.	Cu.	7	Ci.	Cu.
24..	NNE	Calm	SW	WSW	W	Calm	6.2	30.1	60.2	4.2	100.7	9	Ci.-S.	Fr.-N.	6	Ci.	Cu.
25..	Calm	Calm	SE	SE	NW	Calm	6.2	34.9	71	11.3	123.4	5	Ci.	Cu.	7	Ci.	Cu.
26..	N	Calm	W	WSW	WSW	Calm	10.8	20.6	72.1	31.4	134.9	9	Ci.-S.	Fr.-N.	7	Ci.	Cu.
27..	Calm	Calm	SSE	WSW	W	N	6.6	41	65.4	23.3	136.3	8	Ci.-S.	N.	6	Ci.	Cu. NE
28..	Calm	E	E	WSW	W	NNE	19.6	43.8	70.2	23.5	157.1	9	Ci.-S.	Fr.-N. E	7	Ci.	Fr.-Cu.ENE
29..	Calm	Calm	SSE	W	W	Calm	9.2	50.2	95.8	14.8	170	3	Ci.	Cu.	3	Ci.	Cu.
30..	Calm	Calm	E	WNW	WNW	NNE	14.5	40	72.4	16.7	143.6	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	9.4	36.6	69.6	11	126.6	7.2	.....	.....	5.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,798.7	....	.....	.....	....	.....	.....

ZAMBOANGA.

[ϕ=6° 54′ N; λ=122° 05′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.91 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.64	58.49	59.74	57.92	57.75	59.55	58.68	24.8	23.9	31.5	28.6	27.3	25.2	26.9	33.3	23	85	81	56	77	80	90	78.2	.....
2..	58.84	59.36	59.30	57.34	58.23	59.70	58.80	24.9	25.7	27.7	27.7	27.4	25.6	26.5	32	23.8	88	83	78	79	81	88	82.8	.....
3..	58.71	58.98	59.72	57.34	57.69	59.06	58.58	25.2	24.6	27.7	28.5	26.6	25.3	26.3	29.5	24	88	91	79	75	89	91	85.5	2.8
4..	57.96	58.37	59.59	57.50	58.11	59.39	58.49	24.5	24.1	29.5	30	27.5	25.5	26.8	32.7	23.8	96	95	73	67	83	89	83.8	3.3
5..	58.49	58.51	59.30	57.86	58.84	60.15	58.86	24.7	25	29.4	28.7	27.6	24.5	26.6	30	23.6	90	90	72	76	84	93	84.2	14.2
6..	59.62	59.35	60.40	58.42	58.78	60.15	59.45	23.7	23.8	27	27.6	28.2	24.5	25.8	29.7	23	93	93	84	86	78	89	87.2	1.6
7..	58.92	59.02	60.05	58.22	58.44	59.25	58.98	24.7	24.5	29.1	28.7	27.3	25.2	26.6	32.1	23.5	89	87	70	75	82	90	82.2	.....
8..	58.89	58.99	60.22	58.63	58.89	60.01	59.27	24.5	23.8	28.4	27.6	26.7	25	26	31	23.4	87	82	78	73	85	87	82	.....
9..	59.25	59.29	60.10	57.73	58.20	59.38	58.99	24.7	23.9	30.7	27.9	26.8	25.2	26.5	31.5	23	86	86	58	74	78	85	77.8	.....
10..	58.44	58.82	59.59	57.55	57.98	59.20	58.60	24.8	24.3	30.4	28	27	25	26.6	31.5	23.9	89	89	61	77	83	92	81.8	3.1
11..	58.06	58.27	58.93	57.29	58.01	58.80	58.23	24.6	24.4	29.2	27.5	27.1	25.3	26.4	31	23.7	94	95	73	79	81	91	85.5	2.8
12..	57.69	57.67	58.79	57.28	57.73	58.57	57.96	24.7	24.4	27.3	27.1	25.5	24.7	25.6	27.8	23.7	92	92	84	78	86	88	86.7	.8
13..	57.62	57.82	58.40	56.98	57.44	58.65	57.82	23.7	23.3	29	27.5	27.2	25.7	26.1	30.7	22.9	92	92	67	78	79	84	82	.....
14..	58.02	58.54	59.38	57.65	57.75	59.12	58.41	24.4	24.5	26.4	27.3	26.8	24.4	25.6	28.5	23.5	86	86	86	84	87	90	86.5	2.5
15..	59.09	59.10	60.21	59	59.23	60.34	59.50	23.8	23.5	27.5	25.8	26.7	24.4	25.3	29.5	23	91	92	81	81	83	90	86.3	.....
16..	59.35	59.32	60.32	58.70	59	60.55	59.54	23.5	22.9	29.1	27.7	27	24.8	25.8	31	21.8	90	90	70	81	82	92	84.2	1.6
17..	60.17	60	60.65	58.69	59.23	60.15	59.82	24.1	24	27.3	27.2	26.8	24.2	25.6	28.1	23.3	95	96	81	77	83	90	87	.5
18..	59.64	59.91	60.55	58.73	59.13	60.25	59.70	23.5	23.6	27.5	28.5	27.3	24.3	25.8	28.7	23	87	86	84	78	81	89	84.2	.....
19..	59.67	60.35	61.18	59	59.65	60.33	60.03	23.4	22.8	27	27.7	28	25.1	25.7	29.5	22.1	89	89	80	78	74	80	81.7	.....
20..	59.16	59.55	60.15	58.43	59.13	60	59.40	25.2	24.6	29.3	28	26.8	25.2	26.5	30.7	24	80	79	62	75	82	88	77.7	.....
21..	59.29	59.38	60.15	58.14	58.26	58.85	59.01	24	22.7	30.3	27.9	26.7	24.7	26	30.7	22.4	90	91	63	78	88	87	82.8	.....
22..	58.34	59.07	60.08	58.22	58.19	59.25	58.86	23.8	23	26.5	27.5	27	24	25.3	28.5	22.2	86	87	79	77	79	84	82	.....
23..	58.48	59.11	60.40	58.51	58.70	59.82	59.17	22.3	22.3	26.3	27	26.8	22.1	24.5	29.8	21.4	83	83	79	80	77	90	82	.....
24..	59.56	59.94	60.04	57.93	58.42	59.27	59.19	21.1	21.2	26.4	29.5	25.6	22.3	24.4	30.4	20.5	86	84	72	57	75	88	77	.....
25..	58.59	59.21	59.19	57.23	57.25	58.19	58.28	21.1	21.5	27.6	27.2	26	25.1	24.8	28.1	20.2	88	87	62	76	69	75	76.2	.....
26..	57.28	58.44	59.36	57.46	57.97	58.92	58.24	24.7	24.1	26	27.1	26	23	25.2	27.5	21.6	79	82	83	76	88	84	82	.....
27..	58.25	59.20	60.16	58.35	58.43	59.95	59.06	21.2	20.7	26.7	27.6	27.2	23.5	24.5	28.3	20	84	80	78	76	75	80	78.8	.....
28..	59.29	59.91	60.80	58.58	58.70	60.07	59.56	21.8	20.9	26.6	27.8	27.7	24.2	24.8	29.3	20.5	80	77	68	66	70	82	73.8	.....
29..	59.98	60.25	60.85	58.98	58.83	60.15	59.84	22.6	22.5	26.8	28.7	28	24.5	25.5	29	21.5	86	86	77	69	72	81	78.5	.....
30..	59.85	59.92	60.88	58.59	59.05	60.20	59.75	23	22.6	26.8	27.7	26.7	24.6	25.2	29	22	87	88	86	81	77	82	83.5	.....
31..	59.42	60.10	60.91	58.41	58.87	60.20	59.65	23.3	23	31.4	32	27.2	24	26.8	32.9	22	81	79	52	54	74	81	70.2	.....
Mean	58.85	59.17	59.98	58.09	58.45	59.60	59.02	23.8	23.4	28.1	28	27	24.6	25.8	30.1	22.6	87.6	87	73.4	75.4	80.2	86.8	81.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	ENE	W	WNW	NE	15.1	49.7	47.7	21.5	134	10	Ci.	Fr.-N.	7	Ci.	Cu.
2..	ESE	ESE	SE	W	W	NNE	26	77.9	72.7	24.9	201.5	7	Ci.-S.	Fr.-N. ESE	7	Ci.-S.	Cu.
3..	Calm	NNW	W	W	W	E	21.7	51.8	98.7	30	202.2	8	A.-Cu.	Fr.-N.	4	Ci.-S.	Cu.
4..	NNE	Calm	E	ESE	W	NNE	21.5	47.5	63.4	12.1	144.5	9	Ci.-S.	Fr.-N. E	7	Ci.	Cu.-N. E
5..	Calm	ESE	ESE	ESE	WNW	Calm	13.9	67	96.4	18	195.3	9	Ci.-S.	Fr.-N. ESE	7	Ci.	Cu.
6..	NNE	NNW	WSW	WNW	WNW	NE	21.1	44.8	95.6	35.4	196.9	8	Ci.	Cu.	5	Ci.	Cu.
7..	NNE	Calm	NNE	W	W	NNE	22.5	40.7	42.4	13.2	118.8	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
8..	NNE	Calm	NW	W	W	Calm	9.5	39.7	57.4	16.3	122.9	7	Ci.	N.	8	Ci.-S.	Cu.
9..	Calm	NNE	E	WNW	WNW	Calm	12.9	47	72.1	13.9	145.9	6	Ci.	Fr.-N.	7	Ci.	Cu.
10..	NNE	NNE	E	W	W	NNE	16.1	37.5	67.3	27.9	148.8	7	Ci.	Cu.	7	Ci.	Cu.
11..	Calm	E	E	W	Calm	NE	10.3	49.6	57.3	11	128.2	10	.....	N.	9	Ci.-S.	Fr.-N.
12..	Calm	Calm	W	W	Calm	Calm	10.3	53.7	69.2	9.4	142.6	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
13..	Calm	Calm	SE	W	W	Calm	10.8	44.6	76.7	19.8	151.9	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
14..	N	N	S	ESE	NE	Calm	17.7	48.8	60.4	11.5	138.4	10	Ci.-S.	Fr.-N.	8	Ci.-S.	Fr.-N.
15..	Calm	Calm	SE	SSW	WNW	NE	11.1	68.4	90.9	22.8	193.2	3	Ci.	Cu.	9	Ci.	Cu.-N.
16..	Calm	NNE	ESE	W	W	Calm	12.1	47.2	94.4	22.2	175.9	7	Ci.	Cu.	7	Ci.	Cu.
17..	NNE	ESE	NNW	WSW	WNW	NE	15.3	22.7	57.1	15.5	110.6	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
18..	Calm	Calm	SSE	WNW	WNW	NE	12.3	61.5	87.2	19.6	180.6	9	A.-Cu.	Fr.-N.	4	Ci.	Cu.-N.
19..	N	N	SE	W	NE	Calm	20.6	33.8	98.7	18.2	171.3	7	Ci.	Cu.	4	A.-Cu.	Cu.
20..	NE	NE	SSW	W	WNW	Calm	32.7	27.2	76 6	11.6	148.1	9	Ci.-S.	Fr.-N.	5	Ci.	Cu.
21..	NNE	N	SE	WNW	WNW	NNE	18.2	56.1	97.6	23.5	195.4	8	Ci.	Fr.-N.	7	Ci.	Cu.
22..	N	NE	SE	W	Calm	N	22.2	41.8	55.7	19.6	139.3	9	Ci.	Cu.	7	Ci.	Cu.
23..	N	NE	SE	W	WSW	NNE	30.6	38	102.7	27.2	198.5	9	Ci.-S.	Fr.-N.	9	Ci.-S.	Fr.-N.
24..	N	NW	SSE	W	NW	N	24.4	48.9	72.9	19	165.2	8	Ci.-S.	Fr.-N.	7	Ci.	Cu. W
25..	NNE	NNW	W	WNW	NW	NW	23.8	115.7	173.8	46.9	360.2	8	Ci.	Cu.	5	Ci.	Fr.-Cu. W
26..	NNW	NE	WSW	W	SW	NW	53.7	70.8	75	21.9	221.4	7	Ci.	Cu.	3	Ci.	Cu.
27..	N	NE	SSE	W	Calm	N	30	45.4	117	16.9	209.3	3	Ci.	Cu.	3	.....	Cu.
28..	N	N	SSW	SW	Calm	NNE	37.3	42.3	51.8	15.8	147.2	4	Ci.	S.	3	Ci.	Cu.
29..	N	NNE	WSW	SW	Calm	NNE	30.1	40.8	38	20.6	130.5	6	Ci.	Cu.	7	Ci.	Cu.
30..	N	NNE	WSW	W	NE	Calm	24.6	42.4	62.8	17.1	146.9	4	Ci.	Cu.	4	Ci.	Cu.
31..	N	NE	E	E	NW	NE	15.1	59.8	81	22.8	178.7	4	Ci.	Cu.	3	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	20.8	50.4	77.8	20.2	169.2	7.5	.....	.....	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,244.2	.....	.....	.....	.....	.....	.....

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2..	58.76	59.49	59.58	57.34	58.69	59.70	58.93	22.6	23	28.1	29.5	25.3	24.3	25.5	31.2	21.8	91	92	74	74	81	86	83	8.4
3..	58.59	58.56	59.34	57.55	58.06	58.95	58.51	23.5	23.4	30.2	24.5	25.0	24.4	25.2	31.4	22.4	91	93	69	89	84	92	86.3	21.5
4..	58.52	58.89	59.38	57.23	58.31	59.94	58.71	23.8	23.7	29.6	28	25.3	24.8	25.9	30.3	22.8	92	94	70	72	82	92	83.7	9.4
5..	59.25	59.09	59.41	57.28	58.04	59.20	58.71	24	23.3	28.4	24.9	24.2	23.4	24.7	30	22.4	93	95	73	83	90	93	87.8	11.2
6..	58.44	59.01	59.59	57.58	58.35	59.20	58.70	23.1	23.4	25.4	26.1	23.9	23.1	24.2	27.1	22.4	93	96	80	82	84	90	87.5	.....
7..	58.15	58.52	58.38	56.74	58.47	59.77	58.34	23.1	22.6	28.5	26.5	24.1	23.3	24.7	29.3	22	90	94	66	76	89	91	84.3	2.8
8..	59.15	59.74	60.01	57.89	58.80	59.97	59.26	23.9	23.2	27	26.3	24	23.8	24.7	28.8	22.5	92	96	78	77	90	92	87.5	.....
9..	58.92	59.42	59.71	58.10	58.86	59.66	59.11	23.1	23.3	25.9	25.3	24.1	23.7	24.2	26.6	22.5	92	93	78	81	90	91	87.5	4.3
10..	58.89	59.98	o0.37	58.17	59.30	60.22	59.49	23.3	21.9	22.3	23.5	22.7	22.2	22.6	24.1	21.2	92	95	88	86	89	91	90.2	5.2
11..	59.65	60.03	60	57.84	59.24	60.42	59.53	22.3	22.8	25.9	27.2	24.4	23	24.3	28.2	21.4	92	93	78	75	82	92	85.3	.....
12..	59.11	59.27	59.45	57.79	58.21	59.25	58.85	22.4	22.4	26	25.2	23.9	23.1	23.8	27.3	21.5	92	93	78	82	84	86	85.8	.....
13..	58.30	58.31	59.54	57.66	57.55	58.31	58.28	22.9	23.1	24	24.7	23.8	22.6	23.5	25.5	21.6	90	91	83	81	84	88	86.2	2.5
14..	57.22	58.78	60	57.50	58.50	59.72	58.62	22.2	22.2	27.4	29	24.9	23.3	24.8	30	21	89	90	71	73	83	90	82.7	2.3
15..	58.89	59.45	59.81	58.18	59.12	59.91	59.23	23	23.2	27.8	27	24.4	23.1	24.8	28.6	22.3	92	93	76	78	83	90	85.3	.....
16..	59.41	59.27	59.56	57.35	58	59.15	58.79	23.1	22.5	28.9	28.4	23.6	23.5	25	30.6	21.7	91	94	71	72	86	92	84.3	2.6
17..	59.15	58.86	58.86	57.06	57.79	59.22	58.49	22.2	22.4	27	24	23.7	22.1	23.6	29.2	21.5	93	94	77	82	85	90	86.8	52
18..	57.42	58.32	59.05	57.24	57.82	58.61	58.08	22.4	22.2	28.5	23.4	24.2	23.2	24	29.4	21.4	91	92	71	88	82	88	85.3	42.2
19..	57.79	57.97	58.31	56.79	57.73	58.84	57.90	22.5	22	28.4	28.4	25	24	25	30.5	21.4	90	92	74	70	83	91	83.3	.....
20..	58.52	58.71	59.08	56.81	57.29	58.84	58.21	23.5	23.3	28.3	27	25.1	24.7	25.3	29.3	22.6	92	93	72	77	82	86	83.7	19
21..	57.79	58.72	58.44	56.43	57.41	58.19	57.83	23.9	23.6	29.2	27.2	25.3	24.7	25.6	30.3	23.2	89	90	72	76	84	87	83	.....
22..	57.39	57.84	58.84	56.91	58.16	58.92	58.01	23.8	24.1	24.2	23	23.2	23.8	23.7	25.3	22.3	90	91	82	88	88	91	88.3	9.3
23..	57.98	58.57	58.59	56.30	57.26	58.45	57.86	23.5	23.3	26	26	23.8	23.3	24.3	27.9	22.5	91	92	76	76	85	89	84.8	.....
24..	57.42	57	57.34	54.96	56.51	57.32	56.76	23.3	23.7	27.7	28.3	25	23	25.2	30	22.6	90	91	73	74	84	91	83.8	1.3
25..	56.77	57.14	57.06	55.34	56.48	57.82	56.77	23.2	23.8	28	28.8	25	24	25.5	29.4	22.7	92	93	74	71	80	87	82.8	1.7
26..	56.98	57.35	58.19	56.25	57.20	57.94	57.32	22.9	23	26.8	25.3	24.5	23.8	24.4	27.3	22.4	92	94	75	81	91	91	87.3	.....
27..	57.06	57.50	57.84	56.14	56.96	58.02	57.25	23.2	23.7	27	26.8	24.7	24.2	24.9	27.4	22.4	93	94	78	77	86	90	86.3	.....
28..	57.09	57.49	57.90	55.34	56.41	57.55	56.96	23.7	23.6	26.8	29	25.9	24.2	25.5	30.5	23.2	91	93	74	74	78	90	83.3	.....
29..	57.04	57.39	58.10	56.80	57.51	58.92	57.63	24.1	23.9	26	25.2	24.1	23.3	24.4	26.7	22.8	91	92	81	81	82	91	86.3	.....
30..	57.44	57.18	58.24	56.18	57.55	58.76	57.56	23.1	22.2	27.6	26.9	23.7	24	24.6	28.9	21.7	92	93	73	76	87	90	85.2	3.8
31..	58.10	58.27	59.09	57.38	58.29	59.27	58.40	23	22.9	27.9	25.5	24.8	23.8	24.6	29	22.4	91	92	72	80	87	90	85.3	2.3
Mean	58.17	58.54	58.97	57	57.93	59	58.27	23.2	23.1	27.2	26.4	24.4	23.6	24.6	28.7	22.2	91.3	92.9	75.2	78.4	84.8	89.9	85.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	201.8[a]

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-12*	*0-10*			*0-10*		
1..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2..	Calm	....	NNE	1	NNW	1	S	2	Calm	....	Calm	....	0.7	6	Ci.-S.	Cu. SE	6	Ci.	Cu. NE
3..	Calm	....	Calm	....	N	1	NNE	1	N	2	Calm	....	.7	6	Ci.-S.	Cu. E	10	A.-S.	Fr.-N. E
4..	Calm	....	Calm	....	NE	1	NE	2	Calm	....	Calm	....	.5	9	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. N
5..	Calm	....	Calm	....	NNE	1	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N E
6..	Calm	....	Calm	....	N	2	NNE	1	NNW	1	Calm	....	.7	10	A.-S.	Fr.-N. E	10	Ci.-S.	Cu. E
7..	Calm	....	Calm	....	NNE	2	N	2	N	2	NNW	1	1.2	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
8..	Calm	....	N	3	N	3	NNW	2	NNW	3	N	2	2.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. E
9..	N	2	N	3	N	4	N	4	N	3	N	2	3	9	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
10..	N	2	NNE	1	N	1	N	1	Calm	....	Calm	....	.8	10	A.-S.	Fr.-N. E	10	Ci.-S.	Cu. E
11..	Calm	....	Calm	....	N	2	N	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. E	9	Ci.-S.	Cu. E
12..	Calm	....	Calm	....	NNE	3	NE	2	Calm	....	Calm	....	.8	9	Ci.-S.	Cu.	10	Ci.-S.	Fr.-N. ESE
13..	Calm	....	Calm	....	N	2	N	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. E	10	A.-S.	Fr.-N. E
14..	Calm	....	Calm	....	N	2	NNE	1	Calm	....	Calm	....	.5	1	Ci.	Cu.	7	Ci.-S.	Cu. E
15..	Calm	....	NNW	1	N	2	NNE	1	Calm	....	Calm	....	.7	9	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
16..	Calm	....	Calm	....	NNW	2	NNE	2	NNE	1	Calm	....	.8	2	Ci.	Cu. E	8	Ci.-S.	Cu. E
17..	Calm	....	Calm	....	NW	2	N	1	N	1	Calm	....	.7	10	A.-S.	Cu.	10	A.-S.	Fr.-N. E
18..	Calm	....	Calm	....	NNW	1	N	1	Calm	....	Calm	....	.3	4	Ci.-Cu.	Cu. E	10	A.-S.	Fr.-N. E
19..	Calm	....	Calm	....	NW	1	E	2	Calm	....	Calm	....	.5	1	Ci.	Cu.	7	Ci.-S.	Cu. NNE
20..	Calm	....	NE	1	NE	2	SSE	2	Calm	....	Calm	....	.8	8	Ci.-S	Cu. ESE	8	Ci.-S.	Cu. SE
21..	Calm	....	Calm	....	N	3	N	2	N	2	N	1	1.3	3	Ci.	Cu. E	10	Ci.-S.	Cu. E
22..	Calm	....	N	2	N	2	NNE	2	N	3	N	2	1.8	10	Ci.-S.	Fr.-N. E	10	A.-S.	N. E
23..	N	2	N	2	N	4	N	4	N	2	N	1	2.5	9	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
24..	Calm	....	Calm	....	N	2	N	3	N	1	Calm	....	1	8	Ci.-S.	Cu. E	8	Ci.-S.	Cu. E
25..	Calm	....	Calm	....	NNE	2	NNE	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. NE	9	Ci.-S.	Cu. NE
26..	Calm	....	NNE	1	N	3	N	4	N	2	Calm	....	1.7	10	A.-S.	Cu. E	10	Ci.-S.	Cu. E
27..	Calm	....	N	1	N	2	N	1	N	2	N	1	1.2	10	Ci.-S.	Cu. ENE	10	A.-S.	Cu. ENE
28..	NNE	1	N	2	N	2	N	4	N	2	N	1	2	10	Ci.-S.	Cu. NE	9	Ci.-S.	Cu. NE
29..	NNE	1	N	2	N	3	N	1	Calm	....	Calm	....	1.2	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. E
30..	Calm	....	Calm	....	N	1	N	4	Calm	....	Calm	....	.8	9	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. E
31..	Calm	....	Calm	....	NNW	1	NNE	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	10	A.-S.	Fr.-N. E
Mean	.....	0.3	.....	0.7	.....	2	.....	1.9	.....	0.9	.....	0.4	1	8.1	.....	.....	9.2	.....	.....

[a] 30 days of observations.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.56	58.77	59.75	57.63	59.21	59.90	58.97	23.6	23.7	27.1	27	24.7	23.1	24.9	29.5	22.5	93	94	75	74	85	90	85.2	1.5
2..	58.81	59.26	59.44	57.09	58.59	59.44	58.77	22.9	23	28.7	29	24.8	24	25.4	30.8	22.4	93	95	72	74	84	89	84.5	.....
3..	58.46	58.92	59.60	57.24	58.08	59.26	58.59	23.8	23.6	27	28	25.8	24.5	25.4	29.3	23.1	91	91	78	76	78	89	83.8	.....
4..	58.52	59.16	59.21	56.80	57.51	58.51	58.28	23.8	23.6	29.3	29	26	24	26	29.9	22.7	89	90	73	72	81	87	82	.....
5..	57.87	58.80	59.21	56.69	57.47	58.11	58.02	23	23.1	29.2	29.5	26.2	24.7	26	31.7	22.5	91	92	74	73	78	86	82.3	.....
6..	57.67	58.54	58.56	56	56.68	57.58	57.50	23.1	22.7	28.2	29.9	26	24.7	25.8	30.8	22.4	87	89	76	72	79	90	82.2	.....
7..	56.96	57.59	58.20	55.94	56.85	57.94	57.25	23.9	22	29.8	27.9	25.4	23.8	25.5	30.6	21.7	91	93	71	75	84	90	84	.....
8..	57.70	58.41	58.84	57.28	58.50	59.80	58.42	22.9	22.9	27	29.1	24.6	23.1	24.9	29.7	21.7	90	92	76	75	90	92	85.8	.....
9..	59.07	59.17	59.55	58.22	59.15	59.62	59.13	21.9	22	25.4	25	23.3	23.2	23.5	26.9	21.4	94	95	80	83	88	91	88.5	.....
10..	58.56	58.52	59.27	57.42	58.24	58.45	58.41	23.2	23.4	26.2	25.1	24.5	24.1	24.4	26.8	22.7	92	93	76	83	86	89	86.5	3.6
11..	58.25	59.19	58.66	56.40	57.78	57.87	58.02	23.4	23.1	26.7	30	25.7	24.4	25.6	30.5	22.5	92	94	76	71	80	88	83.5	13.7
12..	57.46	58.50	58.79	56.90	57.54	59.10	58.05	23.2	23.2	25.4	27	24.4	24.4	24.6	29.8	21.2	93	95	84	77	82	85	86	9.1
13..	58.46	58.78	58.84	57.29	57.66	58.87	58.32	21.2	21.5	27	27.8	26.5	23.7	24.6	29.2	20.5	93	92	77	74	79	88	83.8	.....
14..	58.22	58.74	58.73	56.90	57.64	58.99	58.20	23	23.4	27.5	28.5	27	24.8	25.7	30.4	21.7	91	92	73	73	77	81	81.2	5.7
15..	57.91	58.61	59.16	56.92	57.84	59.28	58.29	23.6	22.4	28	28.8	26.7	24.7	25.7	29.7	22	86	91	76	69	78	85	80.8	.....
16..	58.83	59.71	60.53	57.94	58.88	59.98	59.31	24	23	27.5	28.4	26.3	24	25.5	31.3	22.4	86	90	72	73	79	89	81.5	2.8
17..	59.75	59.90	60.45	58.18	59.28	60.14	59.62	23.4	23.3	27.8	25.6	24.8	23.3	24.7	29.6	22.5	91	92	74	81	83	89	85	2.3
18..	59.36	59.51	59.79	57.48	58.78	60.80	59.29	23.3	23.5	27.8	28.7	25.6	23.4	25.4	30.6	22.5	92	93	74	72	81	90	83.7	.....
19..	59.05	60.32	61.17	59.12	59.86	60.46	60	23.8	23	27	25.4	23.1	22.6	24.2	27.5	21.9	91	94	75	80	89	91	86.7	2.5
20..	59.45	60.68	60.97	58.75	59.90	61.04	60.13	22.2	22.1	28	27	24.6	23.6	24.6	28.5	21.6	93	95	71	77	84	89	84.8	.....
21..	60.72	61.35	61.78	59.45	60.49	61.52	60.88	22.8	22.9	27.2	27.3	24.8	23.4	24.7	28.9	22.4	90	92	76	75	82	90	84.2	.....
22..	60.92	61.42	61.75	59.10	60.35	61.79	60.89	22.9	21.9	28.3	28	24.7	22.2	24.7	30.7	21	90	93	70	70	79	89	81.8	.....
23..	60.85	61.71	61.74	59.79	60.99	61.87	61.16	20.7	19	28	26.7	22.8	21	23	29.4	18.6	92	95	73	67	83	89	83.2	.....
24..	61.09	62.06	62.23	60.44	61.48	61.89	61.53	20	20.6	27.5	27	24.3	23.1	23.8	29.7	19	91	91	65	66	81	90	80.7	.....
25..	60.35	61.45	61.47	59.71	60.86	61.37	60.87	23	23	26.9	26.9	24.8	23.2	24.6	28.6	22	92	94	83	83	92	92	89.3	1.3
26..	60.51	60.30	60.94	58.75	60.05	60.80	60.22	22.7	22.1	30	29.7	25.3	23.4	25.5	31.5	21	92	94	62	64	88	91	81.8	.....
27..	60.15	60.89	61.21	59.35	60.25	61.17	60.50	22.3	21.7	29.3	30.4	25.8	23.4	25.5	30.9	21	93	95	60	60	71	88	77.8	.....
28..	60.72	60.72	60.67	59.23	60.24	61.15	60.46	22.6	22.1	26.8	29	25.1	23.2	24.8	29.8	21.5	90	94	67	60	84	90	80.8	.....
Mean	59.08	59.68	60.02	57.93	58.93	59.88	59.25	22.9	22.6	27.7	27.9	26.1	23.6	25	29.7	21.7	91	92.9	73.5	73.2	82.3	88.8	83.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42.5

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	NNE	1	N	1	Calm	....	Calm	....	0.3	9	Ci.-S.	Cu. E	9	Ci.-S.	Cu. ESE
2..	Calm	....	NE	1	NE	2	NNE	1	Calm	....	Calm	....	.7	7	Ci.-S.	Cu. ESE	7	Ci.-S.	Cu. ENE
3..	Calm	....	Calm	....	NE	2	SE	1	Calm	....	Calm	....	.5	6	Ci.-S.	Cu. SE	8	Ci.-S.	Cu. SSE
4..	Calm	....	Calm	....	S	2	W	1	Calm	....	Calm	....	.5	6	A.-Cu.	Cu. SE	2	Ci.	Cu. SSE
5..	Calm	....	Calm	....	SSE	2	S	3	Calm	....	Calm	....	.8	3	Ci.	Fr.-Cu. SE	1	Ci.	Cu.
6..	Calm	....	Calm	....	WNW	2	S	2	Calm	....	Calm	....	.7	4	Ci.-S.	Fr.-Cu. ESE	2	Ci.	Cu. SE
7..	Calm	....	Calm	....	NW	1	S	3	Calm	....	Calm	....	.7	2	Ci. E	Cu.	6	Ci.	Cu. SW
8..	Calm	....	Calm	....	NNE	4	N	3	Calm	....	Calm	....	1.2	7	Ci.-S.	Cu. NE	7	Ci.-S.	Cu. E
9..	Calm	....	N	1	N	2	NNE	1	N	3	S	2	1.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
10..	Calm	....	Calm	....	N	2	NE	1	Calm	....	N	1	.7	10	Ci.-S.	Cu.	10	A.-S.	Cu. E
11..	Calm	....	Calm	....	N	2	NE	1	N	1	N	1	.8	10	A.-S.	Fr.-N. NE	7	Ci.-S.	Cu. E
12..	NNE	1	N	1	SE	1	NNW	1	Calm	....	NE	1	.8	10	A.-S.	Fr.-N. ENE	10	Ci.-S.	N. E
13..	Calm	....	Calm	....	W	2	W	1	Calm	....	Calm	....	.5	2	Ci.-Cu.	Cu. ESE	7	Ci.-S.	Cu. NNE
14..	Calm	....	Calm	....	NW	2	NNW	1	Calm	....	S	3	1	10	Ci.-S.	Cu. E	6	Ci.-S.	Cu. NE
15..	S	1	Calm	....	S	1	SSE	2	Calm	....	Calm	....	.7	1	Ci.-Cu.	Cu.	4	Ci.	Cu. NE
16..	Calm	....	Calm	....	NNE	1	S	1	Calm	....	Calm	....	.3	2	Ci.-Cu. SSE	Cu.	8	Ci.-S.	Cu. ENE
17..	Calm	....	NE	1	N	2	NNW	1	NNW	2	Calm	....	1	2	Ci. SE	Cu.	10	A.-S.	Cu. ENE
18..	Calm	....	N	2	N	4	N	4	N	2	Calm	....	2	9	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. NE
19..	Calm	....	Calm	....	N	2	N	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu. NNE	10	A.-S.	Cu. NE
20..	Calm	....	N	1	N	2	N	2	N	1	Calm	....	1	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
21..	Calm	....	Calm	....	N	2	N	2	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
22..	Calm	....	NE	1	SE	1	S	2	Calm	....	Calm	....	.7	5	Ci.-Cu.	Cu. E	5	Ci.	Cu. NE
23..	Calm	....	Calm	....	N	2	S	2	Calm	....	Calm	....	.7	1	Ci. E	Cu.	6	Ci.-S.	Cu. NE
24..	Calm	....	Calm	....	N	3	S	2	Calm	....	Calm	....	.8	2	Ci.	Cu. SE	6	Ci.-S.	Cu. SE
25..	Calm	....	Calm	....	NNE	1	SSE	1	Calm	....	Calm	....	.3	10	Ci.-S.	Cu. E	8	Ci.-S.	Cu. ENE
26..	Calm	....	NE	1	E	2	NNW	1	Calm	....	Calm	....	.7	1	Ci.	Cu.	5	Ci.-S.	Cu. NNE
27..	Calm	....	ENE	1	N	2	N	2	Calm	....	Calm	....	.8	1	Ci. NNE	Cu.	4	Ci.	Cu. E
28..	Calm	....	Calm	....	N	3	NNE	1	Calm	....	Calm	....	.7	10	Ci.-S.	Cu. E	9	Ci.-S.	Cu. E
Mean	.....	0.1	.....	0.4	.....	2	.....	1.6	.....	0.3	.....	0.3	0.8	6.1	.....	.....	7	.....	.....

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.22	60.10	60.31	58.69	59.79	61.04	60.02	23.2	22.9	28.1	27	22	21.6	24.1	30.7	20.8	91	94	66	78	89	95	85.5	18.3
2..	60.49	60.81	60.99	59.29	60.07	61.58	60.54	22.2	22.4	26.6	26	24.1	23.2	24.1	27.5	21.3	93	94	76	76	90	92	86.8	.....
3..	61.09	61.95	62.42	60.18	61.43	62.54	61.60	22.7	22.9	26.5	27.2	24	22.6	24.3	28.4	22	94	96	75	70	88	93	86	5.1
4..	60.75	61.38	61.50	59.11	60.04	60.99	60.63	22.6	22.7	28.1	27.3	25.3	24.1	25	30.3	21.8	95	95	68	73	83	91	84.2	.....
5..	60.07	60.29	60.65	58.69	59.47	60.73	59.98	22.8	22.7	25.4	26	24	23	24	28.4	22	93	95	87	78	88	91	88.7	1
6..	59.87	60.31	60.41	58.02	59.26	60.25	59.69	22.9	23.1	28.8	30.1	26	24.2	25.8	31.2	22.1	92	94	68	64	82	90	81.7	.....
7..	59.60	59.80	59.99	57.75	58.64	59.80	59.26	23.4	23.3	27.8	27.6	24.1	23	24.9	29.3	22.5	92	94	73	70	90	90	84.8	.....
8..	57.94	58.35	59.11	56.71	58.23	59.22	58.26	22.5	22.2	28	27.2	24.8	23.8	24.8	28.6	21.5	92	94	76	78	90	91	86.8	1.8
9..	57.96	58.85	59.33	56.44	57.82	58.86	58.21	23.1	23.6	28.2	28.5	26.1	24.5	25.7	29.4	22.3	91	93	74	73	82	87	83.3	.....
10..	58.26	58.90	59.81	57.07	58.07	59.61	58.62	24.1	24	29.1	29.3	26.2	24.6	26.2	30.1	22.9	89	91	69	66	85	88	81.3	.....
11..	58.50	59.34	60.25	58.02	58.19	59.51	58.97	23.1	23	29	27.8	25.8	23.5	25.4	29.8	21.7	91	94	70	74	85	90	84	.....
12..	58.24	58.36	59.30	56.92	57.65	58.86	58.22	23.5	22.3	28.4	29.6	27.1	24.9	26	30.1	21.7	91	93	73	66	79	84	81	.....
13..	57.81	58.31	59.26	57.28	57.57	59.30	58.26	22.9	22.1	27.9	29	26	25	25.5	30.6	21.5	89	94	76	69	82	87	82.8	.....
14..	58.59	59.52	60.12	57.93	58.18	59.46	58.97	24.8	23.4	29.2	30.1	26.9	24.3	26.4	31.3	22.7	89	94	70	71	82	90	82.7	.....
15..	59.10	59.54	60.42	58.04	58.73	60.31	59.36	23.9	23.5	29.2	30	26.2	24	26.1	31.5	22.5	91	92	71	62	82	90	81.3	.....
16..	59.90	60.31	60.69	58.63	59.50	60.57	59.93	23	22.1	29.4	31	26	24.8	26	31.5	21.6	91	94	68	60	82	89	80.7	.....
17..	60.26	60.99	61.39	59.64	60.41	61.58	60.71	22.9	22.3	29.4	28.5	25	23.2	25.2	30.7	21.6	92	94	63	70	83	85	81.2	.....
18..	60.93	61.82	62.36	60.02	60.54	62.03	61.28	22.9	22.1	29.9	28.7	25.5	23.2	25.4	30.6	21.4	90	93	65	69	85	90	82	.....
19..	60.99	61.53	61.83	59.54	60.19	60.83	60.82	21.9	21.6	27.4	28.6	25.7	23	24.7	29.7	20.5	91	93	70	68	81	90	82.2	.....
20..	59.85	59.95	60.63	58.40	58.96	59.59	59.56	23.1	22.8	28.9	28.1	25	22.4	25	30	21.2	90	92	66	69	77	86	80	.....
21..	59.06	59.37	59.71	57.45	57.72	58.85	58.69	21.4	21.4	27.9	28.6	26.4	23.2	24.8	29.9	20.5	93	95	71	71	78	90	83	.....
22..	58.36	59.05	59.89	57.58	58.55	60.06	58.92	23.5	22.9	30	29.8	26.8	24.7	26.3	32.2	22.2	91	94	67	69	81	88	81.7	.....
23..	58.86	59.75	59.78	57.29	57.95	58.87	58.75	23.1	22.8	30.1	28.8	27	24.1	26	31	22.1	91	93	62	67	80	87	80	.....
24..	57.91	58.40	59.25	56.76	57.75	58.88	58.16	23.1	22.8	30	29	26.3	24.1	25.9	31.3	22.1	92	95	69	75	90	92	85.5	1
25..	58.36	58.65	59.55	57.62	58.30	59.41	58.65	23.4	23.1	29.1	27.4	26.2	24.2	25.6	31.2	22.5	94	96	71	81	90	91	87.2	.....
26..	58.10	58.50	59.55	58.12	58.15	59.70	58.69	23.2	23	28.3	26.5	26.7	25	25.4	31	22.2	....	98	75	88	85	86	86.4	2.3
27..	58.80	58.80	60.08	57.84	58.70	60.45	59.11	23.7	22.6	30	30.5	26.7	24.3	26.3	31.2	22	....	95	64	60	68	86	74.6	.....
28..	59.55	59.71	60.97	58.80	58.13	58.89	59.34	23.3	23.5	24.3	27.3	25	23.8	24.5	27.6	22.1	....	94	86	73	88	86	85.4	2.8
29..	58.10	58.74	59.71	58.01	58.15	59.54	58.71	22.6	22.6	29.3	24.8	25.8	23.8	24.8	30.1	21.9	....	93	64	93	78	87	83	41.4
30..	58.50	58.50	59.24	57.08	57.63	59.46	58.40	22.8	23.2	29.6	30.3	27	23.9	26.1	30.6	22.1	....	92	63	68	83	93	79.8	.....
31..	58.80	59.19	59.01	57.45	57.89	59.59	58.66	23.2	23	28.7	26.3	25.7	23	25	30.6	21.7	....	92	71	84	92	90	85.8	10.2
Mean	59.19	59.65	60.24	58.08	58.76	60.01	59.32	23.1	22.8	28.5	28.3	25.7	23.8	25.3	30.2	21.8	91.5	93.9	70.5	72	83.8	89.2	83.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83.9

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m		Mean force.		6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*			
1..	Calm	....	NNW	1	N	3	N	2	NNW	3	Calm	....	1.5	8	Ci.-S.		Cu. ENE	10	Ci.-S.		Fr.-N. NNE
2..	Calm	....	Calm	....	N	1	N	2	NNE	1	Calm	....	.7	9	Ci.-S.		Cu. NE	10	Ci.-S.		Cu. NE
3..	Calm	....	N	2	N	3	N	4	Calm	....	N	2	1.8	10	A.-S.		N. NE	10	Ci.-S.		Cu. NE
4..	Calm	....	NW	1	NE	1	N	1	Calm	....	Calm	....	.5	8	Ci.-S.		Cu. ENE	8	Ci.-S.		Cu. NE
5..	Calm	....	NNE	1	NNE	1	NNW	2	Calm	....	Calm	....	.7	8	Ci.-S.		Cu. ESE	10	Ci.-S.		Cu. NE
6..	Calm	....	Calm	....	NNW	2	SSE	1	Calm	....	Calm	....	.5	5	Ci.		Cu. ESE	4	Ci.		Cu. E
7..	Calm	....	Calm	....	NE	1	N	2	Calm	....	Calm	....	.5	9	Ci.-S.		Cu. E	9	Ci.-S.		Cu. NE
8..	Calm	....	Calm	....	W	1	NNE	1	Calm	....	Calm	....	.3	10	Ci.-S.		Cu. NE	8	Ci.-S.		Cu. E
9..	Calm	....	S	1	S	2	S	2	S	2	S	1	1.3	5	Ci.		Cu. SSE	4	Ci.		Cu. SE
10..	S	2	S	2	S	3	S	2	S	1	Calm	....	1.7	5	Ci.-Cu.		Cu. SE	4	Ci.		Cu. SE
11..	Calm	....	Calm	....	SSE	1	S	2	Calm	....	Calm	....	.5	3	Ci.		Cu. SW	7	Ci.-S.		Cu. SW
12..	Calm	....	Calm	....	NNW	1	NW	2	Calm	....	Calm	....	.5	2	Ci.		Cu.	4	Ci.		Cu. SW
13..	Calm	....	Calm	....	W	2	SE	1	Calm	....	S	1	.7	1	Ci.		Cu.	4	Ci.		Cu. SSW
14..	S	1	Calm	....	W	2	S	3	Calm	....	Calm	....	1	4	Ci.		Cu. WSW	1	Ci.		Cu. W
15..	Calm	....	Calm	....	W	2	NNW	1	Calm	....	Calm	....	.5	4	Ci.		Fr.-Cu. SSW	1	Ci.		Cu. SW
16..	Calm	....	Calm	....	NW	2	S	1	Calm	....	Calm	....	.5	2	Ci.		Cu.	2	Ci.		Cu. SW
17..	Calm	....	NE	1	S	2	S	3	Calm	....	Calm	....	1	2	Ci. SE		Cu.	7	Ci.-S.		Cu. SW
18..	Calm	....	Calm	....	NW	1	S	1	Calm	....	Calm	....	.3	1	Ci.-Cu.		Cu.	5	Ci.		Cu. SE
19..	Calm	....	NNE	1	N	1	S	2	Calm	....	Calm	....	.7	2	Ci.		Cu. NE	4	Ci.		Fr.-Cu. SW
20..	Calm	....	E	2	NNW	1	S	2	Calm	....	Calm	....	.8	5	Ci.		Cu. NE	6	Ci.		Cu. ENE
21..	Calm	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.7	1	Ci.-Cu.		Cu.	6	Ci.-S.		Cu. ENE
22..	Calm	....	NNE	1	NNW	1	S	3	N	1	N	2	1.3	4	Ci.		Cu. NE	6	Ci.-S.		Cu. E
23..	Calm	....	Calm	....	NNE	1	S	3	Calm	....	Calm	....	.7	4	Ci.		Cu. E	7	Ci.-S.		Cu. ENE
24..	Calm	....	Calm	....	N	1	N	2	N	1	Calm	....	.7	3	Ci.		Cu. E	6	Ci.-S.		Cu. E
25..	Calm	....	Calm	....	S	1	NNE	1	Calm	....	Calm	....	.3	1	Ci.		Cu.	7	Ci.-S.		Cu. NE
26..	.....	.....	Calm	....	WNW	2	N	1	ESE	1	Calm	....	.8	3	Ci.-S.		Cu.	9	.....		N. E
27..	.....	.....	NE	1	NE	3	N	3	NNE	2	Calm	....	1.8	7	A.-Cu. SE		S.-Cu.	7	Ci.-S.		Cu.-N. E
28..	.....	.....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	.....		Cu.-N. ENE	7	Ci.-S.		Cu.-N. E
29..	.....	.....	Calm	....	N	2	NNW	2	NW	1	N	1	1.2	4	A.-Cu. SE		Cu.	6	Ci.-S.		Cu.-N. E
30..	.....	.....	NW	1	N	2	S	2	N	1	Calm	....	1.2	1	Ci.-Cu.		Cu.	4	Ci.-S.		Cu. E
31..	.....	.....	N	1	NNW	2	N	2	Calm	....	Calm	....	1	3	Ci.-S. SE		Cu.	7	Ci.		N. ENE
Mean	.....	0.1	.....	0.5	.....	1.6	.....	1.9	.....	0.5	.....	0.2	0.8	4.6	.....	.....	.....	6.1	.....	.....	.....

NOTE.—The pressure and temperature for March 26 to April 20, 2 a. m., are taken from a self-recording instrument.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.60	58.62	59.01	57	57.39	58.81	58.24	22.2	22.3	30.1	28.7	26.7	24.1	25.7	31.2	21.4	....	91	63	71	83	89	79.4	.....
2	57.70	57.84	58.74	56.48	57.13	57.98	57.64	23	22.5	28.7	27.2	24.9	24.5	25.1	29.2	21.5	....	96	73	83	97	94	88.6	24.3
3	57.10	57.20	57.83	55.98	56.89	58.10	57.18	23.4	23	29.5	25.9	23.8	24.2	25	29.9	22	....	97	72	91	94	92	89.2	57.9
4	57.70	58.15	58.69	56.75	57.45	58.78	57.92	22.4	22.7	29.3	29.7	26.8	24.7	25.9	31.4	21.1	....	97	66	63	82	88	79.2	.....
5	57.70	57.71	58.68	57.08	57.38	58.63	57.86	23.1	23.4	29.4	24.6	24.8	24	24.9	30.1	22.4	....	93	69	95	96	97	90	33.8
6	57.40	57.41	58	55.98	56.44	58.36	57.26	24	23.3	28.6	27.4	26.2	24	25.6	30.1	22.1	....	97	72	83	89	92	86.6	4.
7	57.40	57.74	58	56.13	56.24	58.03	57.26	22.8	22.2	30	29.8	26.4	24.3	25.9	30.4	21.4	....	97	60	67	81	91	79.2	.....
8	57.40	57.51	58.35	56.52	56.88	58.58	57.54	23	22.5	28	29.5	26	24	25.5	30.3	21.7	....	97	77	71	92	95	86.4	.4
9	57.80	57.60	58.57	56.63	57.04	58.93	57.76	23.4	24.2	29.7	26.5	26.4	24.9	25.8	30.6	22.5	....	93	67	86	85	87	83.6	11.7
10	57.85	57.84	58.88	56.94	57.10	58.53	57.86	24.5	24.2	28.3	29.8	26.6	24	26.2	31.5	22.1	....	97	79	71	83	94	84.8	.....
11	57.40	57.36	57.96	55.93	56.20	57.06	56.98	22.4	22	28.3	28.8	27	25.3	25.6	30.3	20.7	....	93	67	72	75	84	78.2	.....
12	55.95	56.10	56.70	54.68	54.80	56.54	55.80	25.8	26	27.5	28	25.5	24.6	26.2	28.3	23.9	....	78	70	70	80	92	78	.....
13	55.70	55.71	57.27	55.83	56.38	57.94	56.47	24.1	24.5	29.5	28.6	27.4	24.7	26.5	30.9	23	....	90	69	73	77	90	79.8	.....
14	57	57.35	58.30	56.42	56.74	58.48	57.38	23.1	23.2	30	30.7	27.3	24.9	26.5	31.2	21.8	....	94	62	66	84	95	80.2	.....
15	57.80	58.15	58.67	56.24	56.72	58.42	57.67	22.9	23.5	30	30.3	26.6	25.4	26.4	31	22	....	96	71	67	86	91	82.2	.....
16	58	58.40	59.24	57.26	57.39	58.93	58.20	24	23.3	30	28.4	25	24.3	25.8	30.6	22.6	....	96	69	77	88	89	83.8	.....
17	58.40	58.90	59.85	58.13	58.30	59.99	58.93	23.5	23	29.9	29.6	26.8	24.6	26.2	30.1	22	....	92	66	71	82	91	80.4	.....
18	59.50	59.79	60.59	58.88	59.12	60.96	59.81	23.5	23	29.1	28.6	26.7	23.3	25.7	30.4	22	....	96	68	73	83	89	81.8	.....
19	60.50	60.65	60.81	58.77	58.89	60.68	60.05	23.9	23.3	28.3	29.6	26.9	24	26	30.1	22	....	93	73	66	81	92	81	.....
20	59.90	59.97	60.78	58.50	58.83	60.25	59.70	23.5	22.9	27.9	29.6	24.7	24.9	25.6	30.2	21.7	....	97	73	69	92	91	84.4	3.5
21	59.20	59.35	60.32	58.30	58.78	60.15	59.35	24.4	23.7	30	25.8	25.7	24.7	25.7	30.4	23.1	92	97	67	89	93	97	89.2	19.3
22	58.85	58.80	59.29	57.47	57.84	58.94	58.53	24.6	24.3	28.7	27.6	26.3	24.9	26.1	29	23	87	87	70	78	86	92	83.3	.....
23	58.83	58.32	60.01	58.07	58.85	60.84	59.15	23.2	22.6	28.3	29.5	24.7	24.6	25.5	30.6	21.6	93	93	72	68	91	95	85.3	.....
24	59.64	59.39	60.24	58.18	58.87	60.67	59.50	23.9	23.7	29.5	28.1	25.8	25	26	30.7	22.6	94	95	70	77	92	92	86.7	13.4
25	59.96	59.84	60.59	58.50	58.45	59.96	59.55	24.3	24	29	25.5	26.6	24.5	25.6	30.8	22.9	94	97	76	93	90	95	90.8	1.5
26	58.56	58.77	59.64	57.85	58.09	59.56	58.74	23.6	23	29.3	25.7	25.9	25	25.4	30.6	22.2	95	98	68	93	91	92	89.5	3.4
27	58.14	58.04	59.05	56.80	57.17	58.68	57.98	23.2	23.5	27.9	29	26.6	25.2	25.9	29.4	22.6	96	96	77	69	86	92	86.	.....
28	57.76	57.74	58.55	56.43	57.08	59.18	57.79	23.8	24.1	30	31.2	27.3	25.5	27	31.3	22.9	93	93	71	54	76	86	78.8	.....
29	57.86	58.62	59.50	57.79	58.07	59.34	58.53	24.2	24	29.3	28.4	27.5	24.7	26.4	29.9	22.7	86	90	70	73	83	92	82.3	.....
30	58.32	58.87	59.12	57.57	57.64	58.96	58.41	22.9	23	29.9	29.5	28	24.4	26.3	31.3	21.9	97	97	67	68	76	88	82.2	.....
Mean	58.13	58.26	59.04	57.10	57.47	59.01	58.17	23.6	23.4	29.1	28.4	26.2	24.6	25.9	30.4	22.2	....	94.1	69.8	74.9	85.8	91.5	83.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.2

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	.....	....	NNW	1	NNE	2	Calm	....	NNW	1	Calm	....	0.8	1	Ci.	Cu.	7	.....	Cu.-N. NE
2	.....	....	Calm	....	N	2	NNW	1	N	1	NW	2	1.2	1	Ci.-S.	Cu.	6	Ci.-S.	Cu. ENE
3	.....	....	N	1	NW	3	NNW	1	Calm	....	NW	1	1.2	4	Ci. NE	Cu.	10	.....	N. NE
4	.....	....	Calm	....	NW	3	S	3	Calm	....	Calm	....	1.2	6	Ci.-S	Cu.	7	Ci.-S	Cu. NE
5	.....	....	NW	1	NNE	2	ESE	3	N	1	Calm	....	1.4	4	Ci.-S.	Cu. ENE	10	.....	N. E
6	.....	....	Calm	....	NNW	1	Calm	....	Calm	....	Calm	....	.2	4	A.-Cu.NE	Cu.-N.	7	Ci.-S.	N. E
7	.....	....	Calm	....	NE	2	E	2	E	1	Calm	....	1	3	Ci.-S.	Cu.	5	Ci.	Cu. ENE
8	.....	....	Calm	....	N	2	N	1	Calm	....	N	1	.8	1	Ci.-S. E	Cu.	5	.....	Cu.-N. N
9	.....	....	NE	2	NE	1	S	1	Calm	....	Calm	....	.8	4	A.-Cu.NE	Cu.	6	.....	Cu.-N.NE
10	.....	....	Calm	....	N	2	S	3	S	1	Calm	....	1.2	7	Ci.-S. SE	Cu.	6	Ci.-S. S	Cu. NE
11	.....	....	Calm	....	NW	2	NW	4	NNW	2	Calm	....	1.6	8	Ci.-S. SE	Cu.	8	Ci.-S.	Cu. N
12	.....	....	NW	3	NW	3	WNW	1	Calm	....	Calm	....	1.4	10	A.-Cu.	Cu.NNW	10	.....	S.-Cu. NW
13	.....	....	Calm	....	WNW	1	S	2	SSW	2	Calm	....	1	7	Ci.-S.WSW	Cu.	8	Ci.-S.	Cu. W
14	.....	....	Calm	....	SSW	3	SSW	2	Calm	....	Calm	....	1	4	Ci.-S.	Cu.NNW	3	Ci. SE	Cu.
15	.....	....	Calm	....	S	2	S	2	Calm	....	Calm	....	.8	1	.....	Cu.	1	Ci.	Cu.
16	.....	....	Calm	....	S	2	SSW	1	N	1	Calm	....	.8	2	.....	Cu.	6	.....	Cu.-N. W
17	.....	....	NE	1	Calm	....	SSW	2	Calm	....	Calm	....	.6	3	Ci.	Cu.	5	Ci.-S.	Cu. NE
18	.....	....	N	1	SE	2	SSE	3	Calm	....	Calm	....	1.2	7	A.-Cu.	Cu. NE	8	.....	Cu. NNE
19	.....	....	Calm	....	N	2	SSE	3	Calm	....	NW	1	1.2	1	.....	Cu.	2	.....	Cu. N
20	.....	....	N	1	NNW	2	SSE	2	NW	1	Calm	....	1.2	2	Ci.-S.	Cu.	7	.....	Cu. ENE
21	Calm	....	Calm	....	WNW	2	Calm	....	Calm	....	Calm	....	.3	2	Ci.-Cu.	Cu.NNE	10	.....	N ENE
22	Calm	....	Calm	....	NW	2	Calm	....	Calm	....	Calm	....	.3	8	A.-Cu.	S.-Cu.	9	Ci.	Cu.-N. NE
23	Calm	....	NNW	1	Calm	....	SW	2	NW	1	Calm	....	.7	0	Ci.	.....	7	Ci.	Cu. NE
24	Calm	....	NE	1	SE	3	SE	2	NNW	1	Calm	....	1.2	1	Ci.	Cu. SE	9	.....	Cu.-N.ENE
25	Calm	....	Calm	....	NW	3	N	1	Calm	....	Calm	....	.7	7	Ci.-S.	Cu. NE	8	Ci.-S. SE	N. ENE
26	NW	2	Calm	....	SSE	3	NNW	2	Calm	....	Calm	....	1.2	4	Ci.-Cu.NE	Cu.	9	.....	N. E
27	Calm	....	Calm	....	SE	3	NNW	2	Calm	....	Calm	....	.8	5	Ci.-Cu.NE	Cu.	9	Ci.-S.	Cu. E
28	Calm	....	NE	1	SSE	4	SSE	3	NW	1	Calm	....	1.5	6	A.-Cu. ENE	Cu. E	1	Ci.-S. NE	Cu. SW
29	NW	1	N	1	SE	3	NNW	1	NNW	1	NNW	1	1.3	8	Ci.-S. W	Cu.	6	Ci.	Cu. ENE
30	Calm	....	Calm	....	SE	3	SE	3	Calm	....	Calm	....	1	1	Ci.	Cu.	4	.....	Cu. ENE
Mean	.....	0.3	.....	0.5	....	2.2	.....	1.8	.....	0.5	.....	0.2	1	4.1	.....	.....	6.6	.....	.....

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.03	58.06	58.63	57.02	56.74	58.13	57.77	24.3	24.1	30.1	26.5	26	24.7	26	31.2	23	90	91	65	86	92	92	86	10.4
2..	57.16	57.19	58.27	57	57.01	58.05	57.45	23.7	23.9	28.1	27.1	25.3	23.6	25.3	30.3	22.4	92	92	78	86	86	93	87.8	5.9
3..	57.23	57.35	58.54	56.61	56.84	58.85	57.57	23.3	22.9	29.5	29.1	28	25.3	26.4	30.8	22	93	96	73	76	83	89	85	1.8
4..	57.99	58.54	59.74	57.83	58.29	59.41	58.63	24.7	24.4	28.7	27.3	27.5	25	26.3	30.8	23.6	90	91	75	81	81	90	84.7	.....
5..	58.19	59.13	59.69	57.22	57.47	58.87	58.43	23.9	23.8	29.5	30.6	28.1	25	26.8	31.9	22.8	94	94	70	69	79	85	81.8	.....
6..	57.89	58.04	58.26	55.62	56.64	58.13	57.43	24.3	24.5	31.1	31.3	27.1	25.4	27.3	32.8	22.8	89	89	64	66	83	88	79.8	.5
7..	57.06	57.48	58.07	55.74	56.73	57.70	57.13	24.7	24.8	31	30.1	27.2	26	27.3	31.2	23.8	92	92	66	66	85	92	82.2	.....
8..	56.06	56.53	58.23	55.57	55.95	57.37	56.62	24.4	24.5	27.5	29	27	25.3	26.3	29.4	23.5	95	95	81	76	86	93	87.7	.5
9..	56.41	57.21	57.50	55.57	56.36	58.30	56.86	24.3	24.2	29.5	29.3	27	26.1	26.7	30.7	23.1	93	94	75	76	85	94	86.2	.....
10..	57.04	57.53	59.20	56.83	57.53	58.97	57.85	24.9	24.5	28	29.4	27.6	24.5	26.5	30.9	23.1	94	94	77	71	80	94	85	.....
11..	57.86	58.13	58.57	56.68	57.15	58.64	57.84	22.9	23.3	28.5	28.9	26	26.1	26	30.8	21.8	97	96	73	72	92	94	87.3	8.1
12..	57.30	57.50	58.85	57.16	57.33	57.98	57.69	24.3	24.1	26.5	25.4	25.1	24.2	24.9	27.1	23.2	95	96	85	91	93	97	92.8	2.6
13..	57.31	57.40	58.39	57.28	58	59.25	57.94	23.7	24.6	30.1	28.2	26	25	26.3	30.5	23	96	93	69	80	88	94	86.7	.....
14..	58.58	58.89	59.52	57.94	58.17	59.88	58.83	24.5	24.3	30	29.3	27.4	24.8	26.7	30.7	23.1	94	95	72	74	89	95	86.5	.6
15..	59.10	59.24	59.44	57.73	57.31	59.02	58.64	23.1	22.8	30.6	31.1	27.9	25.2	26.8	31.4	21.6	95	95	65	68	78	91	82	.....
16..	58.09	58.06	58.73	56.58	56.68	57.70	57.64	23.6	23.5	28.7	30.2	27.3	25	26.4	30.5	22.6	95	96	76	67	79	93	84.3	.....
17..	56.78	56.87	57.77	55.84	56.04	57.57	56.81	23.6	22.7	28.9	28.6	28.2	24.8	26.1	31.2	21.6	95	96	73	75	75	93	84.5	.4
18..	56.93	57.16	58.07	56.53	57.14	58.75	57.43	24.6	24.3	29.4	28.6	27.9	25.7	26.8	31.4	23.6	93	94	76	76	79	91	84.8	.....
19..	57.83	58.29	58.55	56.73	56.89	58.52	57.80	24.4	23.6	28.6	28.2	27	24.9	26.1	30.8	22.6	92	93	78	77	87	92	86.5	1.1
20..	57.75	58.04	58.70	57.11	56.60	58.09	57.72	24.1	23.3	30.5	27.7	26.9	24.6	26.2	31.5	22.6	94	96	64	77	82	92	84.2	21.1
21..	57.24	57.41	58.50	56.53	56.66	58.58	57.49	23.1	22.1	29.9	30.7	28	24.8	26.4	31.7	21.4	94	96	60	65	76	92	80.5	.....
22..	57.84	58.14	58.95	57.41	57.02	58.65	58	23.4	23.5	29	30.7	28.2	25.6	26.7	32	22.5	93	92	72	67	74	89	81.2	.....
23..	57.88	58.14	58.99	56.98	56.39	58.09	57.74	23.9	24	29.5	31.5	28.4	25.1	27.1	31.9	23.1	92	91	69	60	70	91	78.8	.....
24..	57.81	57.86	58.44	56.31	56.32	57.85	57.43	24.3	24.3	31.1	31	27.7	25.7	27.4	31.4	23.3	91	91	69	69	82	91	82.2	.....
25..	57.53	57.56	58.63	57.18	57.27	59.14	57.88	24.2	24.3	30.8	31.2	28.6	27.3	27.7	32	23	96	96	67	69	80	83	81.8	.....
26..	58.69	58.95	60.03	57.57	57.63	59.28	58.69	25.2	26.6	31	30.2	28.1	26.1	27.9	32.6	24.3	90	85	62	68	74	87	77.7	.....
27..	58.60	59.21	60.03	57.56	58.23	59.74	58.90	25.4	23.9	28.9	31	28.5	26	27.3	32.5	23.1	88	94	75	71	83	91	83.7	.....
28..	58.62	59.17	59.33	57.39	57.62	59.10	58.54	24.7	24.5	30.3	30.7	27.9	25.7	27.3	31.4	23.7	93	94	73	69	79	91	83.2	.....
29..	58.32	58.88	58.83	57.46	57.94	59.68	58.52	24.7	24.2	31	29.1	28.9	27.3	27.5	31.4	23.3	92	94	70	77	75	88	82.7	.....
30..	58.97	59.88	59.74	57.38	58.27	59.74	59	25.7	24.5	30.3	31.4	28	25.2	27.5	31.6	23.3	93	94	71	66	79	92	82.5	.....
31..	58.78	59.39	59.19	57.42	58.09	59.33	58.70	24.1	23.6	30.3	30	26.2	24.6	26.5	32.1	22.4	93	94	64	70	93	93	84.5	.5
Mean	57.77	58.10	58.82	56.89	57.17	58.66	57.90	24.2	24	29.6	29.5	27.4	25.3	26.7	31.2	22.9	93	93.5	71.2	72.9	82.2	91.3	84	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.5

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*			
1..	N	1	NE	2	SE	3	NNW	1	Calm	....	N	2	1.5	6	Ci.-S. SW	Cu.		9	.....	N. E	
2..	Calm	....	NNW	1	SSE	3	N	2	SSE	1	NNW	1	1.3	3	Ci. WNW	.....		9	Ci.	Cu. ENE	
3..	N	1	NNW	1	SE	3	NW	2	Calm	....	Calm	....	1.2	4	Ci.-S.	.....		7	.....	cu.-N.ENE	
4..	Calm	....	NW	1	SE	2	NW	2	Calm	....	NW	1	1	9	A.-Cu. E	Cu.		8	Ci.	N. ENE	
5..	NNW	1	NW	1	SE	3	SE	3	Calm	....	Calm	....	1.3	1	Ci.-Cu. E	Cu.		4	.....	Cu. ENE	
6..	Calm	....	NNW	2	SE	2	SE	3	NW	1	NW	2	1.7	3	Ci.-S.	Cu. E		7	.....	Cu. ENE	
7..	Calm	....	NNW	1	SE	1	NW	2	E	1	Calm	..	.8	9	A.-Cu. E	Cu.		7	Ci.-S. NW	Cu. ESE	
8..	NNW	1	Calm	....	SE	2	NW	2	Calm	....	Calm	....	.8	6	Ci.-S. SE	Cu.		9	Ci.-S.	Cu.	
9..	Calm	....	Calm	....	SE	3	SE	3	ESE	1	Calm	....	1.2	7	A.-Cu.	Cu.		8	Ci.-S.	Cu.	
10..	Calm	....	NNW	1	Calm	....	NW	3	NNW	1	Calm	....	.8	9	A.-Cu.	Cu.-N.ENE		8	A.-Cu. SE	Cu. E	
11..	Calm	....	Calm	....	NW	1	NW	3	NW	2	Calm	....	1	9	Ci.-S.	Cu.-N.		8	.....	Cu. ENE	
12..	NW	1	Calm	....	Calm	....	NW	1	Calm	....	Calm	....	.3	10	A.-Cu.	Cu.-N.ENE		10	.....	N.	
13..	NW	2	NNW	1	SE	4	NW	1	Calm	....	NW	1	1.5	4	Ci.	Cu. E		8	Ci	Cu.-N. E	
14..	Calm	....	Calm	....	SE	3	Calm	....	Calm	....	Calm	....	.5	9	Ci.-S.	Cu.		7	.....	N. ENE	
15..	Calm	....	NW	1	SE	3	SSE	2	Calm	....	Calm	....	1	6	Ci.-S. NW	Fr.-Cu.		6	.....	Cu. NE	
16..	NW	1	Calm	....	WNW	3	SE	3	SE	2	Calm	....	1.5	1	.....	Cu.		1	.....	Cu. NE	
17..	Calm	....	Calm	....	NW	3	Calm	....	Calm	....	Calm	....	.5	1	Ci.	Cu.		6	Ci.	Cu. ENE	
18..	Calm	....	Calm	....	SE	3	WNW	2	Calm	....	Calm	....	.8	5	Ci. E	Cu.		8	Ci. E	Cu. ESE	
19..	NW	1	Calm	....	SE	1	WNW	2	Calm	....	Calm	....	.7	1	Ci.	Cu.		8	.....	N. E	
20..	Calm	....	Calm	....	SE	3	SSE	1	SE	2	NW	1	1.2	0	.....	Cu.		5	Ci.	Cu. NNE	
21..	Calm	....	NW	1	NW	3	SE	4	Calm	....	Calm	....	1.3	0	Ci.	.....		1	Ci.	Cu. NNE	
22..	Calm	....	Calm	....	NW	2	SE	3	SE	1	Calm	....	1	6	A.-Cu.	Cu.-N.NNE		1	Ci.-S.	Cu.	
23..	NW	1	NW	1	SE	1	ESE	2	SE	1	Calm	....	1	3	Ci.-S.	Cu.		1	Ci.	Cu.	
24..	NW	1	NW	1	SE	3	SE	3	SE	1	Calm	....	1.5	6	Ci. SE	Cu.		5	Ci. NE	Cu.	
25..	Calm	....	Calm	....	SE	3	SE	4	SE	2	WSW	2	1.8	2	Ci.-S.	Cu. S		8	Ci.-S. SE	Cu.	
26..	SW	2	SSW	3	S	3	SE	4	SE	1	Calm	....	2.2	9	A.-Cu.	Cu. NE		3	Ci. SE	Cu.	
27..	ESE	1	Calm	....	SE	2	SE	4	Calm	....	Calm	....	1.2	1	Ci.	Cu.		6	Ci. NE	Cu. S	
28..	Calm	....	ESE	1	SE	4	SE	3	SE	1	NW	1	1.7	6	Ci.	Cu.		1	Ci.-Cu.	Cu.	
29..	NW	1	NNW	2	SE	4	ESE	2	SE	3	Calm	....	2	8	Ci. SE	Cu. NE		8	Ci. SE	Cu.-N.ENE	
30..	NW	1	NNW	1	SE	4	SE	4	SE	1	NNW	1	2	6	A.-Cu. ESE	Cu.		4	Ci.-S.	Cu. NE	
31..	N	1	ENE	2	NW	3	SE	4	Calm	....	NW	2	2	7	Ci. E	Cu.		9	Ci.-S. SE	Cu.-N.ENE	
Mean	.....	0.5	.....	0.8	.....	2.5	.....	2.4	.....	0.7	.....	0.5	1.2	5.1	.....	.....		6.1	.....	.....	

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.94	59.41	59.68	57.97	58.33	59.29	58.94	23.8	23.5	30.4	30.5	27.5	25.3	26.8	31.5	22.8	93	94	60	65	81	88	80.2	.....
2..	58.21	59.05	59.54	57.21	57.74	59.29	58.51	24.2	25.5	26.2	30	25.9	24.9	26.1	30.6	23	91	88	88	72	95	96	88.3	16.1
3..	58.18	58.40	58.50	56.24	57.18	58.58	57.85	24.3	24	28.9	29.7	24.6	23.8	25.9	30.6	22.6	95	95	71	72	92	94	86.5	.3
4..	57.50	57.90	58.54	56.81	57.13	58.23	57.68	25.1	24	26.1	25.4	25.5	24.9	25.2	28.8	23	91	94	91	93	97	96	93.7	64.1
5..	57.36	57.38	58.39	56.59	56.55	58.36	57.44	24.1	23.9	25.5	28.1	24	25	25.1	29.4	22.8	96	97	92	77	91	91	90.7	23.4
6..	57.25	56.56	57.45	56.05	56.44	58.28	57	25.2	23.8	29.1	29.9	26.2	26.3	26.8	30	23.2	90	96	70	69	86	85	82.7	.3
7..	57.98	57.64	58.47	56.82	57.79	59.91	58.10	25.9	26	29.4	30.1	27.2	25.2	27.3	30.6	23.7	88	87	71	68	78	90	80.3	.6
8..	59.53	58.84	60.27	58.86	59.57	60.74	59.64	23.7	23	29.6	29.8	25	23.3	25.7	31.4	22	93	97	75	68	86	91	85	1.8
9..	59.64	59.19	60.46	59.36	59.44	59.17	59.54	23	23.4	27	26.9	25	23.9	24.9	27.2	22	96	95	86	85	90	94	91	1.6
10..	58.85	58.46	59.09	57.08	57.30	59.47	58.38	24.1	23.8	28.7	28.7	27.3	23.2	26	30	22.4	93	96	73	73	78	96	84.8	21.9
11..	58.40	58.25	59.01	57.32	57.54	59.68	58.37	22.6	22.3	28.9	30.1	27.4	25.5	26.1	30.5	21.6	....	97	75	66	80	89	81.4	.....
12..	58.85	59.25	59.64	57.84	58.19	59.98	58.96	25.1	24.8	29.8	30.2	27.5	26	27.2	30.4	23.9	....	92	68	68	78	84	78	.....
13..	58.85	59.33	60.07	58.16	58.94	60.31	59.28	25	24.6	30	28.6	26.1	24.8	26.5	31.2	23.7	92	95	71	75	87	90	85	26.4
14..	59.53	59.70	59.58	58.08	58.22	59.63	59.12	25.1	23.2	29.4	30	26.7	24.6	26.5	30.4	22.4	88	97	70	69	85	94	83.8	.....
15..	58.70	58.58	58.89	57.54	57.94	59.53	58.53	24.1	24	30	29.5	28.6	26.1	27	31.4	22.7	92	92	69	75	79	94	83.5	.....
16..	58.85	59	59.58	58.23	58.15	59.44	58.88	25.5	24.2	29.5	27.8	26.6	24	26.3	30.6	23.4	94	97	76	77	87	95	87.7	3
17..	58.95	58.95	59.62	57.34	57.90	59.47	58.70	24.6	23.8	30.5	28.5	27.9	26.6	27	30.7	22.9	92	96	69	76	84	83	83.3	1
18..	59	57.84	58.79	57.87	58.63	60.30	58.74	24.6	23.4	29.5	23.4	24.7	24.3	25	29.8	22	93	96	75	95	92	93	90.7	23.6
19..	58.95	58.94	59.46	57.80	58.42	59.41	58.83	23	22.8	29.8	28.4	26.9	24.4	25.9	30.1	22.1	95	97	68	77	88	95	86.7	.....
20..	58.48	58.81	59.34	57.87	57.82	58.96	58.55	23.7	23.5	29.9	27.7	26.3	24.5	25.9	30.2	22.6	95	95	69	81	86	94	86.7	.....
21..	58.35	57.99	58.96	56.90	57.04	58.84	58.01	24.1	23.9	28.5	28.3	26.7	25.2	26.1	30.2	23	95	95	73	79	91	95	88	18.3
22..	57.85	57.54	58.37	57.05	57	58.88	57.78	24.2	24	30.1	25.8	26.1	24	25.7	30.8	23.1	93	94	71	88	89	96	88.5	.4
23..	57.74	57.89	58.55	56.42	56.78	58.75	57.69	23.7	24.4	29.4	31	28	26.1	27.1	31.6	22.8	96	94	73	67	77	92	83.2	.4
24..	57.68	57.70	58.34	56.28	56.63	57.97	57.43	23.8	23.7	30.1	29.1	27.1	26.6	26.7	30.9	22.9	96	96	69	72	82	83	83	.....
25..	56.80	56.95	57.18	56.43	56.33	57	56.78	24.9	24.6	30.3	26.7	26.7	27.4	26.8	31.7	23.8	88	90	63	76	87	76	80	.....
26..	55.41	54.91	55.93	54.54	54.55	55.66	55.17	26.3	26.5	28	28.1	25.6	25.7	26.7	28.6	24.9	73	71	69	75	88	86	77	.3
27..	54.72	53.73	54.62	53.78	54.03	54.96	54.31	25.2	25.5	24.6	25	24.7	25.2	25	26.7	23.5	82	80	93	88	92	92	87.8	20.9
28..	53.77	53.92	54.72	53.30	53.13	54.01	53.81	24.9	24.5	25.3	27	27	26.1	25.8	27.7	23.6	89	88	88	82	75	85	84.5	6.4
29..	54.22	54.09	54.56	53.75	54.34	55.89	54.48	25.5	26.1	29.3	29.5	27.8	27.2	27.6	30.3	23.8	93	82	72	68	83	85	80.5	.....
30..	55.98	56.26	56.82	55.36	56.58	58.21	56.54	25.6	24.9	30	31.1	27.3	24.1	27.2	31.7	23	85	86	67	61	73	91	77.2	.....
Mean	57.82	57.75	58.41	56.83	57.19	58.61	57.77	24.5	24.2	28.8	28.5	26.5	25.1	26.3	30.2	23	91.3	92.3	74.2	75.2	85.2	90.4	84.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	230.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NW	1	NW	1	NW	3	SE	3	Calm	....	Calm	....	1.3	7	Ci.-S. ESE	Cu.	9	Ci.-S.	Cu.-N. NE
2..	SE	1	SE	3	Calm	....	NW	2	Calm	....	NNW	1	1.2	10	A.-Cu.	cu.-N. NNE	7	Ci.-Cu. E	Cu. ENE
3..	SE	2	Calm	....	NW	2	S	3	NW	1	NNW	1	1.5	5	Ci. SE	Cu.	8	Ci.-S.	Cu. NNE
4..	SE	1	ESE	1	SE	1	Calm	....	Calm	....	E	1	.7	9	Ci.-S.	Cu.-N.	10	.....	N. W
5..	S	2	S	2	Calm	....	SSW	3	W	2	S	2	1.8	10	.....	N. S	9	A.-Cu.	cu.-N. SSW
6..	SSW	2	Calm	....	SE	3	SE	2	SSW	4	S	3	2.3	9	A.-Cu.	Cu.-N. S	9	.....	cu.-N. SSW
7.	SSE	1	S	2	SSE	3	SE	3	S	2	NW	1	2	7	A.-Cu. SE	Cu.-N. S	4	Ci. NNW	Cu.
8..	Calm	....	Calm	....	SSE	2	S	2	N	5	Calm	....	1.5	6	Ci.-S.	Cu.	9	Ci.-S. S	cu.-N.WNW
9..	Calm	....	Calm	....	Calm	....	SE	1	Calm	....	NW	1	.3	10	Ci.-S.	Cu.-N.	10	.....	N. NNW
10..	NNW	1	Calm	....	SE	2	SE	3	W	3	NW	1	1.7	10	Ci.-S.	Cu. NW	9	Ci.-S.	cu.-N.WNW
11..	.....	....	NNW	1	SSE	3	SE	3	W	2	Calm	....	1.8	6	A.-Cu. SE	Cu.-N.	7	Ci. NE	Cu. W
12..	.....	....	ESE	1	SE	3	SSE	3	SE	1	SE	1	1.8	5	Ci.-Cu. SE	Cu.	1	.....	Cu.
13..	Calm	....	N	1	SE	3	SE	2	N	1	NW	2	1.5	3	Ci.	Cu.	5	Ci.	Cu.-N.
14..	SE	3	NNW	1	SE	2	SE	2	Calm	....	ESE	1	1.5	6	Ci. E	Cu.	7	Ci.-S. E	cu.-N. NNE
15..	NW	1	NW	1	SE	3	WNW	2	SE	1	Calm	....	1.3	9	Ci. ESE	Cu.	9	Ci.	Cu.-N. E
16..	NW	2	Calm	....	NW	2	NE	1	Calm	....	NNW	1	1	7	Ci. ESE	Cu.	6	Ci.	Cu.-N. E
17..	SE	2	E	1	SSE	3	SE	1	Calm	....	SE	4	1.8	7	Ci.-S.	Cu.	6	Ci.-S.	Cu. E
18..	SE	1	Calm	....	NW	3	NW	2	Calm	....	SE	3	1.5	5	Ci. ESE	Cu.	9	.....	N. ESE
19..	ESE	1	Calm	....	NW	2	NW	1	Calm	....	NW	1	.8	5	A.-Cu.	Cu.-N. E	8	Ci.	cu.-N. ENE
20..	NW	1	Calm	....	SE	3	NW	2	N	2	NNW	2	1.7	1	Ci. SE	Cu.	6	Ci. NE	Cu. NE
21..	NW	1	N	1	NNE	1	NW	3	ESE	1	Calm	....	1.2	9	Ci.-S.	Cu. E	10	.....	N. NNW
22..	Calm	....	Calm	....	SE	2	N	1	Calm	....	NW	1	.7	9	Ci. ENE	Cu.	9	Ci.	cu.-N. NNE
23..	Calm	....	Calm	....	SE	3	SE	3	SE	2	SE	2	1.7	7	Ci.	Cu. E	3	.....	Cu.
24..	Calm	....	ENE	1	SE	3	SE	3	SW	2	WSW	4	2.2	3	.....	Cu.	8	Ci.-S.	Cu.
25..	W	1	Calm	....	W	3	NW	1	Calm	....	W	3	1.3	9	Ci. E	Cu.	10	.....	N.
26..	W	2	WSW	3	WSW	4	WSW	4	SSW	1	WSW	4	3	10	A.-S	Fr.-N. W	10	A.-S.	cu.-N. NW
27..	WSW	3	SW	4	WSW	2	SW	6	SSW	3	SW	5	3.8	10	.....	N.	10	.....	N. WSW
28..	SSW	3	Calm	....	SSW	3	SSW	6	SSW	6	SSW	6	4	10	.....	N.	10	A.-S.	N. SW
29..	SSW	4	SSW	4	SbyW	5	SbyW	6	SbyW	4	SSW	2	4.2	10	Ci.-S.	N. SW	10	Ci.-S.	Fr.-Cu. SW
30..	S	1	S	2	S	3	S	4	NW	3	Calm	....	2.2	10	A.-Cu. ENE	.....	2	Ci.-S.	Fr.-Cu.
Mean	.....	1.2	.....	1	.....	2.4	.....	2.6	.....	1.5	.....	1.8	1.8	7.5	.....	.....	7.7	.....	.....

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.48	57.86	58.76	57.58	57.42	59.19	58.05	23.6	24	29.9	30.7	29.2	26.3	27.3	30.9	22.8	97	96	75	72	72	90	83.7	.....
2..	58.31	58.64	58.70	57.07	57.83	58.94	58.25	24.9	24.4	29.7	30.5	28.3	25.5	27.2	32	23.5	90	91	60	63	77	93	79	1.8
3..	57.96	58.06	58.35	56.77	57.14	58.60	57.81	24.5	24.1	28.6	29.9	26.9	23.8	26.3	31.3	22.9	95	97	76	73	80	86	84.5	.....
4..	57.88	57.24	57.63	56.28	56.08	57.50	57.10	24	25.9	30.6	29.4	27	26	27.2	31.6	22.8	87	87	68	67	81	84	79	.....
5..	56.61	55.74	56.59	55.55	55.45	56.39	56.06	25.1	25.4	28.9	28.7	25.5	24.1	26.3	30	23	85	83	69	67	84	90	79.7	15.4
6..	56.10	56.21	57.03	55.94	56.31	58.03	56.60	24.2	24.1	27.1	27	25.9	25.5	25.6	28.8	22.9	90	92	85	75	82	86	85	3.8
7..	57.51	58.20	58.65	57.69	57.84	59.75	58.27	25.4	23.9	27.8	27.8	25.1	24.3	25.7	29.5	23	87	90	76	81	93	87	85.7	6.2
8..	58.94	58.73	59.29	57.36	57.49	58.05	58.31	24.9	25.1	30	31.5	27.5	26.8	27.6	31.7	23.6	79	79	68	66	78	77	74.5	.....
9..	57.24	57.53	57.87	56.32	55.97	57.34	57.04	26.4	26.2	29.7	29.5	27.6	26.9	27.7	30.7	24.8	82	86	71	69	75	82	77.5	.....
10..	56.74	56.80	57.47	56.17	56.42	57.81	56.90	26.3	26	30.5	31.4	28.8	27	28.3	31.9	25.3	86	88	63	53	68	83	73.5	.....
11..	57.35	57.60	58.17	56.97	56.82	58.39	57.55	26.5	25.5	30.6	30.5	28.5	27.3	28.2	31.4	23.8	....	86	66	68	75	78	74.6	.....
12..	58.40	58.48	59.08	57.72	57.56	59.07	58.38	25.1	23.8	29.7	30.8	28.9	25.6	27.3	31.5	23.1	....	94	71	68	74	90	79.4	.....
13..	58.70	58.99	59.08	57.72	57.93	59.43	58.64	26.1	24.5	31.5	32.6	30	25.6	28.4	33.5	24	....	95	62	52	70	82	72.2	.....
14..	58.45	58.45	58.72	57.43	57.48	58.82	58.22	26.5	25.6	31.4	33.1	29.4	26.6	28.8	33.6	24.2	....	89	62	53	64	78	69.2	.....
15..	57.85	57.79	58.97	57.15	56.81	58.42	57.83	25.8	26.4	30.7	32	29.1	27.5	28.6	32.5	24.3	....	84	66	59	64	75	69.6	.....
16..	57.78	58.04	59.13	57.62	58.21	59.33	58.35	26.7	26.3	30.5	30.5	29.6	26	28.3	31	24.2	86	87	70	70	66	85	77.3	.....
17..	58.49	59.24	59.67	57.66	57.71	59.78	58.76	24.3	26.3	30.5	31.7	29.3	26.1	28	31.9	23.6	93	86	65	64	68	77	75.5	.....
18..	59.15	59.29	58.86	57.31	57.11	58.68	58.40	23.7	23.7	31.2	30.9	29.5	26.2	27.5	32.1	22.6	91	92	66	65	64	82	76.7	.....
19..	58.28	58.80	59.44	57.90	57.41	59.16	58.50	24.1	23.6	31.4	30.9	29	26.6	27.6	32.1	22.6	91	93	63	65	70	78	76.7	.....
20..	58.32	58.53	59.27	57.61	57.72	59.58	58.50	24.3	23.1	32	31.3	28.7	27.2	27.8	32	22.3	92	95	58	64	73	76	76.3	.....
21..	58.67	58.64	59.33	56.35	57.18	59.01	58.36	24	24.3	31.6	31.3	29.9	27.3	28.1	33.3	23.3	95	93	62	66	67	71	75.7	.....
22..	57.98	58.02	57.96	55.73	55.60	57.79	57.18	23.9	24.7	31.3	33.6	29.4	27.9	28.5	33.8	22.9	92	87	62	50	66	73	71.7	.....
23..	56.80	56.89	57.58	55.64	55.73	57.67	56.72	26.2	26	31.6	33.4	29.4	27.2	29	33.6	25	85	86	58	52	67	78	71	.....
24..	56.70	56.37	57.08	56	56.41	57.74	56.72	26.4	26.6	31	31.5	28	27	28.4	32.9	25.5	86	86	64	60	69	82	74.5	.....
25..	56.53	56.90	57.47	56.27	56.48	57.84	56.92	26.9	26.4	30.7	30.6	27.7	25.5	28	31	24.4	82	83	63	61	69	84	73.7	.....
26..	57.15	57.34	57.63	55.55	56.42	57.67	56.96	26.5	26.1	31	31.5	29.1	27.5	28.6	32.7	24.9	82	85	61	62	73	72	72.5	.....
27..	57.21	57.83	58.19	56.37	56.69	58.19	57.41	27	26.7	31	29.9	28.9	27.5	28.5	32.7	25.3	78	86	61	69	67	76	72.8	.....
28..	57.28	57.30	57.91	56.51	56.99	58.72	57.45	26.5	25.8	31.5	31.4	28.9	28.1	28.7	32.3	25	83	88	65	63	74	74	74.5	.....
29..	58.41	58.58	58.37	57.17	57.62	59.10	58.21	26.9	26.8	29.3	30	28	26.7	28	32.2	25.1	82	83	75	67	76	....	76.6	.....
30..	58.80	58.70	59.70	58.20	58	60	58.90	25.5	25	30.4	29.7	28.4	25.8	27.5	32	24.5	....	.....	.....	.....	.....	.....	.....	.....
31..	59.90	60.20	60.66	59.09	58.83	60.74	59.90	25	24.6	31	30.6	28.6	25.4	27.5	32.6	23.2	....	.....	62	67	78	88	73.8	.....
Mean	57.84	57.97	58.47	56.96	57.05	58.60	57.81	25.4	25.2	30.4	30.8	28.4	26.3	27.8	31.9	23.8	87.3	88.5	66.4	64.4	72.8	81.3	76.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.2

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NW	1	Calm	....	SSE	3	SE	3	SE	1	Calm	....	1.3	8	A.-Cu. NE	.....	9	Ci. E	Cu. W
2..	Calm	....	Calm	....	W	2	Calm	....	SE	1	Calm	....	.5	1	A.-Cu.	.....	9	Ci. ENE	Cu.
3..	NW	1	Calm	....	NW	2	W	4	Calm	....	NNW	3	1.7	9	A.-Cu. WNW	Cu.	9	Ci. E	Cu. W
4..	SSE	4	SSE	3	S	3	W	4	SW	1	SSW	3	3	10	Ci.-S.	Cu. WSW	9	.....	Cu. WNW
5..	S	3	S	3	S	3	WSW	4	S	2	SSW	2	2.8	10	Ci.-S.	Cu. W	10	A.-S.	Cu. W
6..	S	3	S	4	S	5	SW	4	SSW	1	S	3	3.3	10	.....	N.	10	A.-S.	N. WSW
7..	S	3	WSW	2	SW	1	SW	2	Calm	....	Calm	....	1.3	10	A.-S.	N. WSW	10	A.-S.	N. WSW
8..	W	4	W	1	SW	4	SW	3	S	2	SSE	1	2.5	10	A.-S.	.....	9	A.-Cu. NW	Cu. W
9..	SSW	2	W	2	SSW	4	SW	4	SSW	2	SSW	3	2.8	10	A.-Cu.	.....	10	A.-S.	Cu.-N. W
10..	S	2	S	2	SW	4	SW	5	SSW	3	S	2	3	2	.....	Cu. WSW	1	Ci.	.....
11..	.....	....	SSE	2	SSE	3	SE	3	SE	1	SE	1	2	9	Ci. NE	.....	9	Ci.	Cu. SW
12..	.....	....	Calm	....	SE	3	SE	3	SE	1	Calm	....	1.4	5	Ci. ENE	Cu.	6	Ci.-S.	Cu.
13..	.....	....	Calm	....	S	3	S	4	SW	2	Calm	....	1.8	7	A.-Cu. ENE	Cu. W	1	Ci. ESE	Fr.-Cu.
14..	.....	....	Calm	....	S	4	SW	3	WSW	3	Calm	....	2	0	.....	Cu.	1	Ci.	Fr.-Cu. W
15..	.....	....	S	3	S	3	S	4	S	1	W	1	2.4	6	A.-Cu. NE	Cu.	7	Ci.-S.	Cu. W
16..	SSW	1	S	1	SSE	3	SE	3	Calm	....	Calm	....	1.3	10	A.-Cu.	Cu.-N. sw	7	Ci. NE	Cu. SW
17..	Calm	....	S	2	SE	3	SE	3	SE	2	Calm	....	1.7	7	Ci.-S.	Cu. W	1	.....	Cu.
18..	Calm	....	Calm	....	SSE	3	SE	3	SE	2	Calm	....	1.3	2	Ci.-S.	.....	0	.....	Cu.
19..	Calm	....	Calm	....	S	3	SE	3	Calm	....	Calm	....	1	7	Ci.-S.	.....	9	Ci.-S. ENE	Cu.
20..	Calm	....	Calm	....	S	3	SE	3	SE	2	Calm	....	1.3	2	Ci. E	.....	1	Ci. ENE	Cu. SW
21..	Calm	....	Calm	....	S	4	SE	3	S	1	W	1	1.5	6	Ci.-S.	Cu. SW	1	.....	Cu.
22..	SW	1	Calm	....	S	4	S	3	S	3	SSW	2	2.2	0	.....	Cu.	1	.....	Cu.
23..	WSW	1	W	1	SW	3	SW	4	W	3	Calm	....	2	5	Ci. ENE	Cu.	1	Ci.-Cu.	Cu. WNW
24..	WSW	1	S	1	S	3	SW	4	W	4	S	1	2.3	9	Ci.-S. ENE	Cu.	9	.....	Cu. WSW
25..	S	2	SSW	2	SSW	3	W	3	Calm	....	Calm	....	1.7	10	Ci.-S.	Cu. W	10	Ci.-S.	Cu.
26..	WSW	2	Calm	....	SSE	2	SE	3	Calm	....	SE	1	1.3	9	Ci.-S. NE	Cu.	6	ci.-cu. WNW	Cu. SW
27..	SSW	1	Calm	....	S	3	SSE	2	S	2	W	2	1.7	10	A.-Cu.	Cu.-N. sw	9	Ci. NW	Cu.
28..	Calm	....	Calm	....	SE	3	SE	3	Calm	....	SSE	2	1.3	9	A.-Cu. NE	.....	2	Ci.	Cu.
29..	S	1	Calm	....	SE	3	SE	3	Calm	....	.....	....	1.4	10	Ci.-S.	cu.-N. SSW	9	Ci.-S.	Cu.
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	SE	2	W	1	Calm	....	Calm	....	.8	....	.....	.....	5	Ci.	Cu. NE
Mean	.....	1.4	.....	1	.....	3.1	.....	3.1	.....	1.3	.....	1	1.8	7	.....	.....	6	.....	.....

NOTE.—The pressure and temperature for July 11 to 15, 2 a. m., and from the 29th, 10 p. m., to the 31st, 6 a. m., are taken from a self-registering apparatus.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.81	59.90	60.42	58.74	58.58	60.29	59.62	24.5	23.9	28.6	29.4	27.8	25.7	26.6	31.1	22.9	90	92	73	68	71	88	80.3	.....
2..	59.31	59.04	60.28	58.54	58.64	59.65	59.24	24.1	23.5	30.5	28.5	27.7	24.8	26.5	32	22.5	91	93	69	73	78	91	82.5	.....
3..	58.80	59.33	60.53	58.40	59.18	60.93	59.53	23.5	23.2	26.5	27.6	27.1	25.7	25.6	30	22.2	92	94	86	87	89	93	90.2	7.4
4..	59.91	59.99	61.01	58.38	59.08	60.58	59.82	24	23.6	31	30.9	28	25.8	27.2	31.5	22.6	95	97	64	65	77	91	81.5	.....
5..	59.58	59.19	59.69	57.97	58.66	59.90	59.16	24.1	23.5	30.9	29.9	28.1	25	26.9	33.3	22.5	93	96	65	72	70	90	81	.....
6..	58.99	59.03	59.82	57.71	57.76	59.78	58.85	24	23.4	30.1	30.7	28.8	25.7	27.1	32.7	22.6	93	95	63	66	74	85	79.3	.....
7..	58.43	58.34	59.22	57.87	58.27	59.78	58.65	24.6	24	29.7	30.5	28.4	26.3	27.2	32.4	23.4	88	91	67	66	75	86	78.8	1.7
8..	58.38	58.50	59.23	57.67	58.27	59.34	58.56	25.2	26.1	29.4	29.6	26.7	24.5	26.9	31.6	23.7	88	85	67	69	86	94	81.5	5.3
9..	58.46	58.16	58.99	56.97	58.23	59.19	58.33	23.8	23.5	30	31.1	23.8	23.2	25.9	32.6	22.4	95	96	65	61	92	95	84	10.7
10..	58.06	57.64	58.28	57.14	57.15	58.43	57.78	22.8	25.9	30.6	28.1	26.8	26.5	26.8	31.8	21.9	97	81	64	69	81	73	77.5	.....
11..	57.71	57.76	58.67	57.07	57.83	59.18	58.04	25.3	25	28.4	30	28	27	27.3	31.2	24.4	84	87	70	64	72	79	76	.....
12..	57.74	57.63	58.64	56.89	57.54	59.45	57.98	26	25.9	29.1	31	27.3	27.1	27.7	31.2	24.9	78	79	70	60	73	81	73.5	.....
13..	58.47	57.50	58.73	57.01	57.41	59.06	58.03	26.2	26.6	30	31.4	28.5	27	28.3	31.7	22.7	83	81	65	58	72	80	73.2	1.3
14..	58.33	58.86	59.49	57.56	58.58	59.90	58.79	23.1	23.3	30.1	30.8	24.5	23	25.8	31.8	22	96	95	69	62	90	90	83.7	20.9
15..	58.96	58.94	59.74	57.82	59.13	60.45	59.17	23.2	23.8	26.6	27	24.5	23	24.7	28.2	22.2	96	96	86	82	87	97	90.7	8.2
16..	59.46	59.25	59.71	57.59	58.70	59.98	59.12	22.9	22.8	27.5	29.2	27.3	25.3	25.8	30.1	22	96	96	77	69	84	91	85.5	15.4
17..	59.28	59.43	59.95	57.82	57.64	58.87	58.83	24	24.3	29.6	28.6	27.1	25.2	26.5	30.2	23	97	96	72	69	84	94	85.3	.8
18..	58.03	58.11	58.54	56.53	56.98	58.91	57.85	25.2	25.1	30.7	30.4	28.1	24.9	27.4	31.6	23.7	93	88	67	63	70	86	77.8	.....
19..	57.51	58.06	58.78	57.03	57.62	59.28	58.05	25.6	25.3	30.5	29.6	28.1	24.7	27.3	32.7	24.2	81	82	61	69	76	91	76.7	.3
20..	58.20	58.53	59.74	57.97	57.80	58.88	58.52	25	25.8	27.8	28.1	27.5	25.5	26.6	28.9	24.3	88	79	75	73	72	84	78.5	.....
21..	58.14	58.53	59.48	58.16	58.44	59.84	58.76	25.8	25.5	29	28.5	24.2	23.1	26	30.8	22.5	85	88	73	72	91	97	84.3	1.8
22..	58.79	58.48	59.64	57.91	58.22	59.18	58.70	23.1	24	30.7	26.5	26.5	24.6	25.9	31	22.4	97	92	65	85	80	85	84	.8
23..	58.55	58.66	59.23	57.48	57.18	58.44	58.26	24.3	25	29	30.4	28.3	26.8	27.3	31	23	87	86	69	60	67	77	74.3	.....
24..	57.91	57.36	57.58	56.13	56.44	57.86	57.21	25	25.4	30.6	32.1	28.6	27.4	28.2	32.4	23.5	91	89	66	61	75	81	77.2	.....
25..	57.33	57.27	57.88	56.45	56.71	58.53	57.36	26.7	25.8	30.2	31.6	29.1	27.4	28.5	32.8	25.1	84	88	69	59	69	77	74.3	.....
26..	57.83	57.78	58.83	57.23	57.44	58.73	57.97	25.2	24	30.1	30.7	29.3	27.2	27.8	31.3	23.3	88	92	68	69	71	74	77	.....
27..	57.55	57.87	58.67	57.03	57.13	58.18	57.74	26	26.5	30.3	31.5	27.9	27.2	28.2	32.4	25.4	78	76	67	62	74	80	72.8	.....
28..	57.67	57.70	58.56	56.67	57.23	59.05	57.81	27.2	25.8	30.5	31.1	27.2	26.5	28	32.3	25.1	78	78	64	66	70	80	72.7	.....
29..	58.43	58.53	59.63	58.04	58.64	59.94	58.87	25.9	25.1	28.3	30.5	27.4	26.6	27.3	30.9	24	76	78	74	67	80	85	76.7	.....
30..	59.17	59.45	59.98	58.12	58.43	60.25	59.23	25.5	26.2	29.7	30.4	27.4	24.4	27.3	31.5	23.7	89	85	69	70	70	88	78.5	.....
31..	59.38	58.95	59.47	57.20	58.21	60.22	58.90	26.4	26	30.2	33	28.9	25.1	28.3	33.5	23.6	72	74	66	54	69	85	70	.....
Mean	58.52	58.51	59.30	57.52	57.97	59.42	58.54	24.8	24.8	29.6	30	27.4	25.6	27	31.5	23.3	88.4	87.9	69.2	67.4	77.1	86.1	79.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	W	2	SSE	1	Calm	....	Calm	....	0.5	3	.....	Cu.	5	A.-Cu. NE	Cu.-N.
2..	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.2	6	A.-Cu. NE	Cu.	8	.....	Cu.-N.
3..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.	Cu.	7	.....	N.
4..	Calm	....	Calm	....	S	3	SE	3	Calm	....	Calm	....	1	5	A.-Cu. ESE	Cu.	7	Ci.	Cu. WNW
5..	Calm	....	Calm	....	SSE	3	ESE	1	W	3	Calm	....	1.2	9	Ci. E	Cu.	9	Ci.	Cu.-N. WNW
6..	Calm	....	Calm	....	NW	2	SE	2	SE	2	Calm	....	1	9	A.-Cu. E	Cu.	9	Ci.-S.	Cu.-N. WNW
7..	Calm	....	Calm	....	SSW	3	SE	3	Calm	....	Calm	....	1	8	Ci. E	.....	8	Ci.-S.	Cu.WNW
8..	Calm	....	Calm	....	SSW	1	SSE	2	Calm	....	Calm	....	.5	10	A.-Cu.	Cu.-N.	9	Ci.-S.	Cu.-N. W
9..	Calm	....	Calm	....	NW	2	SW	3	Calm	....	Calm	....	.8	10	Ci.-S.	.....	10	Ci.-S.	Cu.-N.
10..	Calm	....	SW	1	SW	2	WSW	3	SSW	3	SW	2	1.8	10	A.-Cu.	Cu.-N. W	10	Ci.-S.	N.
11..	SW	1	Calm	....	SSW	4	SSW	3	Calm	....	SSW	2	1.7	10	Ci.-S. NE	Cu.	9	A.-Cu.WSW	Cu.
12..	SSW	2	SSW	2	S	3	S	3	S	2	SSE	3	2.5	10	Ci.-S.	Cu.	5	Ci.	Cu. SW
13..	Calm	....	S	1	SE	3	SE	3	Calm	....	SSE	1	1.3	10	A.-Cu. SW	.....	5	Ci. N	Cu.
14..	SE	1	Calm	....	SE	2	SE	1	NW	2	NW	1	1.2	10	Ci.-S.	Cu.	9	A.-Cu.	Cu.
15..	Calm	....	Calm	....	Calm	....	SE	1	SE	2	Calm	....	.5	10	Ci.-S.	.....	10	Ci.-S.	N.
16..	Calm	....	Calm	....	NW	1	NW	2	Calm	....	Calm	....	.5	9	Ci.-S.	.....	3	A.-Cu.	Cu.
17..	Calm	....	Calm	....	SSE	2	Calm	....	Calm	....	Calm	....	.3	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. W
18..	SE	1	SSE	1	WSW	3	WNW	3	W	3	Calm	....	1.8	10	Ci.-S. E	Cu.	9	A.-Cu. W	Cu.
19..	W	1	Calm	....	WSW	3	WSW	3	S	3	Calm	....	1.7	4	A.-Cu.	Cu. WSW	9	Ci.-S.	Cu.-N.
20..	Calm	....	WSW	2	WSW	3	WSW	2	Calm	....	Calm	....	1.2	10	A.-Cu. WNW	.....	10	Ci.-S.	Cu.
21..	S	1	Calm	....	W	3	SW	2	Calm	....	Calm	....	1	10	A.-Cu. N	Cu.	9	Ci.-S.	Cu.-N. WSW
22..	Calm	....	Calm	....	S	3	S	2	W	2	Calm	....	1.2	5	A.-Cu. NW	Cu.	10	Ci.-S.	N. WSW
23..	Calm	....	SW	2	WSW	3	W	3	WSW	2	W	1	1.8	7	A.-Cu.	Cu. SW	9	A.-Cu.	Cu. W
24..	Calm	....	Calm	....	WSW	3	WSW	3	WSW	3	SW	3	2	9	A.-Cu. NW	Cu.	10	A.-Cu. NW	Cu.
25..	SW	1	SSW	1	S	4	S	3	SSW	2	SSW	1	2	1	Ci.-Cu.	Cu.	7	A.-Cu. W	Cu.
26..	Calm	....	Calm	....	SE	2	SE	3	Calm	....	W	2	1.2	2	A.-Cu.	.....	9	.....	Cu. WSW
27..	SW	1	WSW	1	S	2	WSW	4	SW	3	W	1	2	9	A.-Cu. NW	.....	9	.....	Cu.-N. WNW
28..	WSW	2	Calm	....	W	1	S	3	W	1	W	3	1.7	10	Ci.-S. NW	Cu.	9	Ci.	Cu. W
29..	WSW	1	WSW	1	S	2	S	2	S	3	SSW	1	1.7	10	Ci.-S.	N.	10	A.-Cu.	Cu.
30..	Calm	....	S	1	S	2	SE	1	Calm	....	Calm	....	.7	10	A.-Cu.	Cu. W	10	A.-Cu.	Cu. SW
31..	WSW	2	WSW	1	S	3	WNW	2	S	1	Calm	....	1.5	9	A.-Cu. NW	.....	3	Ci.	Cu. W
Mean	.....	0.5	.....	0.6	.....	2.3	.....	2.2	.....	1.2	.....	0.7	1.2	8	.....	.....	8.2	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.75	58.79	60.13	57.80	58.51	60.37	59.06	24.8	25.7	29.7	32.9	28.7	27	28.1	33.2	23.7	92	90	69	51	81	79	77	.....
2..	59.49	59.33	60.23	57.88	58.31	59.92	59.19	26.4	25	30.9	32.4	27.7	27.6	28.3	33.3	24.1	83	90	56	57	76	76	73	.....
3..	58.63	58.59	59.37	57.27	57.23	58.89	58.33	25.9	26.5	29.5	30	25.5	26.4	27.3	32.7	23.9	83	81	70	64	93	86	79.5	8.9
4..	57.35	57.39	58.13	56.10	56.12	57.57	57.11	25.9	26.5	29.9	31.1	28.5	27.6	28.2	31.9	24.6	91	87	69	61	71	79	76.3	.....
5..	56.19	56.24	57.36	55.66	56.11	57.41	56.50	27.2	27.1	31.3	31	28.7	27.7	28.8	31.8	26.3	82	83	60	62	71	85	73.8	.....
6..	56.12	56.68	57.71	56.30	56.85	57.83	56.92	27.6	27.7	29.2	31	28.9	27.2	28.6	32.7	26.3	79	77	72	64	73	83	74.7	2
7..	57.38	57.49	57.57	55.96	56.26	57.83	57.08	26.4	27	31.1	32.8	28.2	28	28.9	33.3	25.8	87	84	64	58	68	72	72.2	.....
8..	57.06	57.29	58.05	56.46	56.61	58.47	57.32	25.5	25.7	31.5	32.8	28.5	27.6	28.6	33.4	24.6	92	90	63	57	79	83	77.3	.....
9..	57.92	58.40	59.07	57.79	58.08	59.44	58.45	27.1	26.3	31.1	28.5	27.8	26.6	27.9	31.4	25.4	76	76	63	73	74	83	74.2	1.3
10..	58.92	58.80	59.43	57.22	57.85	59.42	58.61	26.4	26	31	32.7	29.2	26.7	28.7	33.6	25.5	85	86	64	55	68	82	73.3	.....
11..	58.98	59.20	60.06	58.14	58.27	59.82	59.08	26.8	26.5	32.1	32.6	29.5	25.5	28.8	33.4	24.3	82	84	59	49	63	83	70	.....
12..	59.19	59.89	60.47	58.47	58.65	60.38	59.51	24.1	24.5	32.2	31.6	29.6	27.5	28.2	32.9	23.5	93	92	54	68	66	76	74.8	.....
13..	59.91	59.92	60.41	58.13	58.96	60.87	59.70	24.6	23.7	31.6	30.8	28.6	26.5	27.6	32.8	22.9	91	95	64	65	74	82	78.5	.....
14..	60.03	60	60.85	58.63	59.52	61.01	60.01	24.7	24	31.5	31.8	28.9	27.4	28	33.5	23.1	91	94	65	56	76	87	78.2	.....
15..	59.98	60.03	60.97	58.70	59.81	61.11	60.10	27	25.8	29.3	30.2	28.4	26	27.8	32.6	25.1	87	88	72	71	77	90	80.8	.....
16..	59.71	59.74	60.63	57.90	59.21	61.18	59.73	25.9	24.5	30.5	31.7	28	25.8	27.7	33.7	23.4	90	94	67	65	80	90	81	.....
17..	60.19	60.46	61.13	58.65	59.12	60.54	60.02	24.8	24.5	32	29.5	27.5	25.3	27.3	32.3	23.9	92	94	62	69	80	88	80.8	.....
18..	59.55	60.49	61.20	58.65	59.57	61.08	60.09	24.9	24	30	31	28.1	27.5	27.6	32.3	22.6	91	96	67	65	79	81	79.8	.....
19..	60.34	60.58	61.20	58.82	59.64	60.92	60.25	26.1	24.9	28.8	30.4	28.8	25.6	27.4	32.1	24.2	85	91	73	64	69	91	78.8	1
20..	59.80	59.14	59.94	57.03	57.62	59.27	58.80	24.5	23.8	30.5	32	25.4	24.4	26.8	32.8	22.5	91	91	62	58	89	95	81	25.5
21..	58.25	58.01	58.68	56.32	57.02	58.78	57.84	24	23.4	30.5	31.9	27.8	26.9	27.4	32.6	22.6	96	97	60	61	76	80	78.3	.....
22..	57.98	58.18	59.24	57.10	57.57	58.95	58.17	25.8	26	30	31.5	27.5	26.5	27.9	31.8	24.3	83	81	66	64	79	82	75.8	.....
23..	58.65	58.38	59.09	56.92	57.99	59.74	58.46	26.4	25.4	31	31.9	28.1	27	28.3	32.7	24.6	83	87	64	59	75	79	74.5	.....
24..	58.80	59.24	60.26	58.10	59.12	60.03	59.26	25.8	25	30.7	30.8	27.3	26.8	27.7	31.6	24.4	84	88	69	67	81	84	78.8	.....
25..	59.87	60.29	60.91	58.59	59.01	60.71	59.90	24.7	24	31	26	26.6	24.6	26.2	31.9	23.2	92	94	65	82	86	92	85.2	.....
26..	59.64	60.45	61.02	58.52	58.96	60.15	59.79	24.3	24.6	29.5	29.5	27.9	25.2	26.8	31.5	23.4	92	91	70	70	79	92	82.3	.....
27..	59.24	59.70	60.13	57.84	58.45	60.14	59.25	23.8	23.7	27.8	27.3	25.9	25	25.6	29.7	23	92	92	82	82	94	97	89.8	16.9
28..	58.61	58.66	59.14	56.16	57.11	57.76	57.91	24.2	24.4	28.7	30.5	28.4	25.4	26.9	31.5	23.3	97	95	78	68	80	93	85.2	.....
29..	56.85	57.29	57.78	54.89	56.10	57.75	56.78	24.3	24.9	29.2	30.9	24.1	24	26.2	33.1	23.3	95	94	74	68	95	94	86.7	23.5
30..	56.39	56.81	57.78	55.82	56.83	58.76	57.06	25.4	25.9	31	29	27.4	26.2	27.5	31.6	24.4	79	76	67	73	81	85	76.8	.3
Mean	58.66	58.85	59.60	57.39	58.02	59.54	58.68	25.5	25.2	30.4	30.9	27.8	26.4	27.7	32.5	24.1	87.9	88.6	66.3	64.2	77.8	85	78.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.4

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0-12		*0-12*		*0-12*		*0-12*		*0-12*		*0-12*	*0-12*	*0-10*			*0-10*		
1..	Calm	....	Calm	....	Calm	....	S	3	Calm	....	S	1	0.7	7	A.-Cu.	NW Cu.	2	Ci.	Cu.
2..	Calm	....	Calm	....	W	3	S	3	WNW	1	W	1	1.3	1	Ci.	.....	2	Ci.	Cu. W
3..	Calm	....	Calm	....	S	3	SW	3	Calm	....	Calm	....	1	10	.....	cu.-N. WSW	10	.....	Cu.-N. W
4..	SSW	1	SSW	2	SSW	4	SSW	4	SSW	3	SSW	2	2.7	10	Ci.-S.	Cu. SW	10	Ci.-S.	.....
5..	S	3	S	2	S	4	SSW	4	SSW	3	SSW	3	3.2	10	Ci.-S.	.....	9	Ci.-S.	.....
6..	SSW	3	S	3	SW	3	SW	3	SW	1	SSW	2	2.5	10	A.-Cu.	W	9	A.-Cu.	Cu. WSW
7..	SSW	1	SW	1	SSW	3	SSW	4	W	3	W	3	2.5	9	A.-Cu.	W Cu.	3	Ci.	Cu. WSW
8..	Calm	....	Calm	....	SSW	4	SW	4	SW	4	SW	3	2.5	7	Ci.	Cu.	7	Ci.-Cu.	Cu. W
9..	SW	2	SW	2	SSW	4	W	2	W	2	SW	2	2.3	9	.....	cu.-N. WSW	10	.....	N.
10..	SSW	2	S	2	S	4	SW	3	SW	1	S	1	2.2	10	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu. WSW
11..	S	1	S	1	S	2	SSE	3	W	1	Calm	....	1.3	10	Ci.-S.	.....	10	Ci.-S.	Cu.
12..	Calm	....	Calm	....	S	2	SE	2	SSE	2	SE	1	1.2	10	Ci.-S.	.....	9	Ci.-S.	Cu.
13..	Calm	....	Calm	....	SE	2	SE	2	Calm	....	Calm	....	.7	7	Ci.-S.	ENE	5	.....	Cu.-N.
14..	Calm	....	Calm	....	S	1	S	2	Calm	....	Calm	....	.5	9	Ci.-S.	.....	9	Ci.-S.	NE Cu.
15..	Calm	....	Calm	....	SE	1	SE	2	SE	1	Calm	....	.7	10	Ci.-S.	N.	8	A.-Cu.	Cu.
16..	SE	1	Calm	....	Calm	....	SE	3	Calm	....	Calm	....	.7	9	Ci.	NE Cu.	7	Ci.	E Cu.
17..	Calm	....	Calm	....	SSE	3	SE	1	Calm	....	Calm	....	.7	3	Ci.	.....	9	Ci.	Cu.-N. W
18..	Calm	....	Calm	....	NW	1	SE	2	Calm	....	SE	1	.7	9	A.-Cu.	SW	8	Ci.	ENE Cu. W
19..	Calm	....	Calm	....	NW	1	SE	1	SW	1	NW	1	.7	2	Ci.	E Cu.	7	.....	Cu. W
20..	Calm	....	Calm	....	W	1	SSW	3	ENE	1	Calm	....	.8	9	Ci.-S.	ENE	9	Ci.	Cu. NW
21..	Calm	....	Calm	....	NW	2	SSW	3	WSW	2	S	2	1.5	10	A.-Cu.	NW Cu.	6	Ci.	Cu. W
22..	WSW	1	WSW	2	SSW	4	SSW	3	S	3	Calm	....	2.2	7	Ci.-S.	Cu.	2	Ci.	Cu. SW
23..	S	1	Calm	....	SSW	3	SSW	3	SSW	1	S	1	1.5	2	A.-Cu.	Cu	4	Ci.	Cu. WSW
24..	Calm	....	Calm	....	S	3	SE	3	Calm	....	Calm	....	1	5	Ci.	SE Cu.	7	Ci.	Cu. WSW
25..	Calm	....	Calm	....	SE	2	NNE	1	Calm	....	Calm	....	.5	7	A.-Cu.	Cu.	9	.....	Cu.-N.
26..	Calm	....	NW	1	NW	1	SSE	3	Calm	....	Calm	....	.8	10	A.-Cu.	NE Cu.	9	.....	Cu. NNE
27..	Calm	....	Calm	....	Calm	....	SE	1	Calm	....	Calm	....	.2	1	.....	Cu	9	Ci.	Cu.-N.
28..	Calm	....	Calm	....	NW	1	WNW	2	Calm	....	Calm	....	.5	10	Ci.-S.	Cu.-N. NE	6	Ci.	E Cu. NE
29..	Calm	....	Calm	....	S	2	S	3	NW	2	Calm	....	1.2	10	Ci.-S.	Cu.-N.	9	A.-Cu.	NW cu.swbyw
30..	WNW	1	Calm	....	S by W	3	SW	4	sw bys	3	SSW	4	2.5	10	Ci.-S.	.....	9	A.-Cu.	SW Cu. WSW
Mean	.....	0.6	.....	0.5	.....	2.2	.....	2.7	.....	1.2	.....	0.9	1.4	7.8	.....	.....	7.4	.....	.....

TAGBILARAN.

[$\phi = 9°\ 38'$ N; $\lambda = 123°\ 51'$ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P. ct.*	*mm.*
1..	57	57.64	59.40	57.33	57.13	58.94	57.91	26.4	26.5	25.8	27	25.4	25.5	26.1	28.3	23.9	84	83	87	79	85	87	84.2	3.8
2..	57.40	58.05	58.93	56.65	56.84	58.23	57.68	25	25	26.4	28	26	26	26.1	29.5	22.9	89	90	80	68	76	85	81.3	2.7
3..	57.05	57.06	58.09	56.07	56.51	58.13	57.15	24	26	29.1	31	28.1	27.3	27.6	31.2	23.3	93	86	72	64	68	77	76.7	1.1
4..	57.85	58.45	59.74	58.03	58.46	60.09	58.77	26.1	26.1	31.5	31.6	28.5	25.7	28.2	32.7	24.3	85	86	55	56	73	88	73.8	.....
5..	59.30	60.15	61.27	58.97	59.52	61.11	60.05	24.3	23.9	30.2	30.3	27	24.7	26.7	31.2	23	92	95	71	69	87	93	84.5	.....
6..	60.05	60.63	60.97	58.36	58.66	60.08	59.79	24.3	24	29.6	31.5	27.9	26.1	27.2	31.8	23.3	92	94	74	66	88	89	83.8	.....
7	58.95	58.60	59.33	57.25	58.17	59.57	58.64	24.6	24.5	29.7	30.1	27.1	25.4	26.9	32.5	23.2	92	92	79	69	89	91	85.3	.....
8..	58.69	59.31	59.78	57.52	58.46	59.67	58.90	24	24.2	30.5	31.5	28.1	25.6	27.3	31.7	23.2	92	91	70	65	78	90	81	.....
9..	58.87	59.26	60.02	58.03	58.54	59.40	59.02	24.7	24.7	29.3	28.5	27.1	24.5	26.5	31	23.4	92	92	75	78	84	94	85.8	.....
10..	58.01	58.63	59.87	57.49	58.02	59.48	58.58	24.4	24.5	29	27.1	25.6	25	25.9	29.5	23.6	95	94	76	78	89	95	87.8	.4
11..	58.78	59.11	59.54	57.32	58.78	59.59	58.85	24.6	24.1	30.3	29	23.6	23.4	25.8	30.3	22.5	96	97	72	77	97	96	89.2	55.7
12..	58.49	58.54	59.55	57.28	58.03	59.63	58.59	23.8	23.6	28.8	29.5	27.4	25.6	26.4	31.5	23	96	97	74	69	82	93	85.2	5.9
13..	58.18	58.68	59.08	57.27	57.78	58.83	58.30	24.3	24.5	29.6	30	25	24.4	26.3	31.6	23.3	96	95	69	71	90	93	85.7	39.2
14..	57.73	58	58.64	56.29	56.14	57.25	57.34	23.8	23.5	30.4	29.1	27.4	26.6	26.8	30.4	22.5	97	97	66	74	75	79	81.3	.....
15..	55.89	56.73	56.96	55.24	55.85	56.63	56.22	25.8	25	25.6	27.7	26	26.3	26.1	29.7	24.2	86	92	88	82	87	87	87	3
16..	55.56	56.53	58.36	55.85	56.53	57.79	56.77	25.6	25.1	26.3	27.9	26.7	26.7	26.4	29.9	24	88	90	86	81	86	89	86.7	3.9
17..	57.25	57.85	58.93	56.23	57.78	59.42	57.91	26.5	26.5	30.8	31	26.9	25.9	27.9	31.5	25	86	85	71	67	80	85	79	.....
18..	58.33	58.21	58.89	56.70	57.37	58.55	58.01	26	24.5	30.5	32.5	28	25	27.8	32.7	24	83	93	70	60	77	89	78.7	.....
19..	57.59	58.53	59.42	56.81	57.57	58.48	58.07	25	23.2	31.1	31.2	28.8	27.3	27.8	31.9	22.3	90	96	67	70	77	84	80.7	.....
20..	57.75	57.82	58.62	56.51	57.01	58.19	57.65	26.1	26.3	30	31.9	28.2	25.7	28	32.1	24.8	85	85	73	62	76	89	78.3	.....
21..	57.20	57.38	57.98	56.29	56.49	57.59	57.16	25.8	25.3	31.2	25.9	25.7	26.1	26.7	32.4	24.7	88	89	64	84	91	83	83.2	.3
22..	56.85	57.75	58.74	56.40	57.23	58.73	57.62	26.3	26.6	29.9	30.6	27.9	26.9	28	32	25.5	82	82	69	66	78	80	76.2	.....
23..	58.20	59.15	60.11	57.72	58.18	60.24	58.93	26	24.5	30.1	29.7	27.2	26.1	27.3	31.7	23.6	85	94	70	72	84	89	82.3	.....
24..	59.04	59.46	60.23	57.96	58.29	59.30	59.05	24.8	24.2	29.1	29.7	25.4	24.6	26.3	32	23.2	91	92	76	72	86	89	84.3	.....
25..	59.21	59.33	59.64	57.79	58.47	60.15	59.10	23.2	23.5	30	26.4	26	24.4	25.6	31.4	22.3	97	96	72	84	90	95	89	5.2
26..	59.33	59.91	60.51	58.54	59.26	60.53	59.68	24.3	24.3	30.9	28.3	26.6	24.1	26.4	32.7	23.1	95	94	65	81	82	93	85	7.2
27..	60.08	60.53	61.02	58.73	59.62	60.82	60.13	24.5	24.4	31.7	33.5	28	25.9	28	33.8	23.1	90	91	59	43	75	82	73.3	.....
28..	60.10	60.62	60.93	58.51	59.13	60.20	59.92	25	24.6	30	29.7	27.6	26	27.2	31.9	23.5	88	90	67	75	75	....	79	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]28.7
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32.3?
Mean	58.17	58.64	59.45	57.26	57.85	59.16	58.42	25	24.8	29.6	29.6	26.9	25.6	26.9	31.4	23.5	90.2	91.4	72	70.8	82.3	88.3	82.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	189.4?

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	SSW	4	SSW	4	WSW	3	SW	3	SSE	1	SSW	4	3.2	10	Ci.-S.	N. SW	10	Ci.-S.	N. WSW
2..	SW	4	SW	5	SW	5	SSW	4	SW	2	SSW	3	3.8	10	.....	N.	10	Ci.-S.	Fr.-N.
3..	SSW	3	SSW	3	SW	4	SSW	4	SW	2	S by W	2	3	10	Ci.-S.	N.SWbyS	7	A.-Cu. W	.....
4..	SW	3	Calm	....	SSW	4	S	4	Calm	....	Calm	....	1.8	10	A.-Cu.	cu.-N.WSW	10	Ci.-S.	.....
5..	Calm	....	Calm	....	SE	2	SE	2	Calm	....	Calm	....	.7	10	Ci. NE	.....	8	Ci.-S. NE	Cu.
6..	Calm	....	Calm	....	NW	1	SE	1	Calm	....	Calm	....	.3	6	A.-Cu. NE	Cu.	2	Ci.	Cu. NE
7..	Calm	....	Calm	....	NW	2	Calm	....	Calm	....	NE	1	.5	8	Ci. NE	Cu.	9	.....	N.
8..	Calm	....	Calm	....	SE	2	SE	3	Calm	....	Calm	....	.8	5	Ci.-S.	.....	5	.....	Cu. W
9..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. W
10..	Calm	....	Calm	....	NW	1	S	1	Calm	....	Calm	....	.3	10	Ci.-S.	N.	10	Ci.-S.	Cu.
11..	Calm	....	Calm	....	SE	3	S	1	Calm	....	Calm	....	.7	10	Ci.-S.	Cu.	9	A.-Cu.	Cu. W
12..	Calm	....	Calm	....	NW	1	NW	1	W	1	Calm	....	.5	9	A.-Cu. NE	Cu.-N.	9	Ci.	Cu. W
13..	Calm	....	Calm	....	NW	2	SSE	1	NW	2	Calm	....	.8	10	Ci.-S.	Cu.	9	A.-Cu.	Cu. WNW
14..	Calm	....	Calm	....	SW	2	SW	3	WSW	2	W	1	1.3	10	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu. WNW
15..	SSW	2	SSW	3	SSW	3	SW	3	SSW	4	swbyS	4	3.2	10	Ci.-S.	N.	10	Ci.-S.	Cu.
16..	SSW	3	S by W	3	S	4	SSW	3	S	3	S	1	2.8	10	Ci.-S.	N. SW	10	Ci.-S.	Fr.-Cu.SW
17..	S	1	Calm	....	SE	3	SE	3	SW	4	Calm	....	1.8	10	Ci.-S.	.....	7	Ci. NE	Cu.
18..	SSE	1	Calm	....	SE	3	SW	2	Calm	....	Calm	....	1	3	Ci.	.....	8	A.-Cu. ENE	Cu. W
19..	S	1	Calm	....	S	3	SSE	3	Calm	....	Calm	....	1.2	7	Ci.	Cu. WSW	4	A.-Cu.	Cu. W
20..	Calm	....	Calm	....	S	3	SSE	1	Calm	....	Calm	....	.7	9	A.-Cu.	.....	9	Ci.-S.	Cu. W
21..	SSE	1	Calm	....	SSW	3	Calm	....	Calm	....	Calm	....	.7	10	Ci.-S.	.....	10	Ci.-S.	N.
22..	SSW	2	SSW	2	SSW	3	S	3	SSW	1	S	1	2	10	Ci.-S.	Fr.-Cu.	10	Ci.-S.	.....
23..	S	1	Calm	....	SE	2	SE	1	Calm	....	Calm	....	.7	9	Ci.-S.	.....	7	Ci.-S.	Cu.
24..	Calm	....	Calm	....	NW	1	ESE	2	NW	1	Calm	....	.7	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
25..	Calm	....	Calm	....	WNW	3	WNW	1	N	1	Calm	....	.8	2	Ci.-S.	.....	10	.....	N.
26..	Calm	....	Calm	....	SE	3	Calm	....	Calm	....	Calm	....	.5	8	Ci.-S.	Cu.	5	Ci.-S.	Cu.
27..	ENE	1	Calm	....	ENE	3	E	2	NW	1	N	3	1.7	1	Ci.	Cu.	2	Ci.	Cu. E
28..	N	1	Calm	....	SE	3	SE	2	NNW	1	.....	....	1.4	9	Ci.	Cu.	9	.....	Cu.-N. NE
29..	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	1	.....	0.7	.....	2.6	.....	1.9	.....	0.9	.....	0.7	1.3	8.3	.....	.....	8.1	.....	.....

[a] Amount of rainfall corresponding to the 29th and 30th.

TAGBILARAN.[a]

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1918.

Day	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	58.30	58.80	58.99	56.97	57.70	59.20	58.33	23.3	24.5	31.1	26.5	24.9	24.5	25.8	32.3	22.4	.....	.....	61	90	89	93	83.2	8.7
3	58.46	58.64	59.48	56.72	57.45	58.71	58.24	23.9	24.3	30.4	31.7	25.8	24.5	26.8	31.7	23	92	89	64	56	83	92	79.3	1.4
4	57.84	58.30	59.79	57.58	57.71	59.01	58.37	23.8	23.8	25.5	25.2	24.5	23.7	24.4	25.8	22.5	92	91	87	90	90	93	90.5	.5
5	58.10	58.60	59.34	57.42	58.03	59.53	58.50	23.6	23.7	29.6	30	26.1	24.8	26.3	31.4	22.7	95	95	70	77	93	96	87.7	7.3
6	58.50	59	59.70	57.32	57.99	59.80	58.72	23.7	23.2	30.8	32.4	27.7	25	27.1	32.6	22.5	96	97	56	50	70	87	76	.....
7	58.81	59.15	59.85	57.83	58.27	59.48	58.90	23.9	23.8	29.7	29.8	26.4	24.5	26.4	31.7	23	90	91	67	74	90	93	84.2	11.4
8	59	59.03	59.79	58.28	58.93	59.70	59.12	23.7	23.5	31.7	28.7	26.4	24.2	26.4	33.3	22.5	94	95	59	75	83	91	82.8	.....
9	59.29	59.31	60.27	58.15	59.17	60.01	59.37	23	23.9	29.3	29	26.4	24.1	26	31.7	22.3	92	90	72	70	84	95	83.8	1.8
10	59.15	59.79	60.29	57.93	58.90	60.21	59.38	23.5	24	31.5	27.9	26.4	23.9	26.2	31.8	22.8	96	93	61	83	80	91	84	8.2
11	59.15	59.43	60.21	58.13	59.12	60.01	59.34	24.1	24	30	27.7	25.9	24.9	26.1	31.3	22.8	92	94	67	82	78	86	83.2	3.8
12	59.13	59.45	59.79	57.38	58.55	59.75	59.01	24.3	24.1	31.1	29.4	25.8	24.4	26.5	31.2	23.1	90	92	64	75	93	93	84.5	11.2
13	58.86	59.68	60.89	58.52	58.88	60.30	59.52	24	23.8	28	26.4	24.6	23.5	25	29.1	22.5	95	95	74	87	93	90	89	7.7
14	59.38	59.60	60.67	58.85	59.03	60.79	59.72	23.3	23.4	28	26.9	25.9	23.4	25.2	30.2	22.3	93	94	70	81	86	95	86.5	6.2
15	59.71	60.01	60.63	57.79	58.32	60.03	59.42	23.5	22.6	30.4	29.2	26.5	24.5	26.1	31.7	21.6	92	96	64	76	82	89	83.2	.8
16	58.91	59.23	59.84	58.03	58.15	59.39	58.92	24	23.3	28.8	28.8	26.5	25.2	26.1	32.5	22.5	90	91	71	74	86	88	83.3	.....
17	58.34	58.79	59.47	57.59	58.38	59.48	58.68	24.2	23.1	29.5	31.1	26.3	24	26.4	31.4	22.4	91	94	68	64	86	87	81.7	.....
18	58.69	59.10	59.90	57.87	58.93	59.86	59.06	22.8	22.5	30.5	31.5	24.6	23.9	26	31.7	20.7	89	91	61	62	92	87	80.3	7.9
19	58.95	59.51	60.06	58.52	58.77	60.01	59.30	22.5	22.2	29.4	29	25.9	23.8	25.5	30.9	21.1	87	88	60	62	83	88	78	.....
20	59.40	60.25	60.89	58.84	59.16	60.10	59.77	22.2	21.6	28.9	29.4	24.3	23.6	25	30.2	21	91	96	70	67	93	95	85.3	6.4
21	59.09	59.56	60.28	58.19	58.67	59.96	59.29	22.9	21.6	30.2	29.1	27.1	24	25.9	31.1	20.7	96	97	62	71	83	88	82.8	.....
22	58.89	59.33	60.13	57.93	58.73	59.93	59.16	23.7	23.3	29.1	30.9	26.8	24.2	26.3	31.2	22	91	95	71	63	84	92	82.7	.....
23	59.19	59.58	60.02	58.07	58.83	60.29	59.33	23.9	23.8	28.6	29.7	26.7	25	26.3	30.8	22.8	93	93	79	72	90	94	86.8	1
24	58.98	59.59	59.99	58.31	58.58	59.79	59.21	23.8	23.2	30.1	29.5	26.9	25.7	26.5	32.4	22.4	95	96	67	73	87	89	84.5	.3
25	59.15	59.70	59.87	57.99	58.53	59.91	59.19	24.4	24.4	31.1	29.7	27.4	24.2	26.9	31.4	22.9	88	87	59	65	83	94	79.3	.....
26	58.90	59.49	60.14	58.15	58.65	59.92	59.21	23.1	22.9	31	27.1	26 4	25	25.9	31.3	21.9	94	95	62	87	88	91	86.2	.....
27	59.15	59.93	60.63	58.38	58.59	59.56	59.37	23.8	23.9	30.1	26.8	26.5	24.3	25.9	32.3	23.1	96	95	69	91	90	96	89.5	4.6
28	58.92	59.30	59.70	57.72	57.88	59.10	58.77	22.9	22.4	30.5	31	27.4	25.5	26.6	31.7	21	96	96	60	64	84	90	81.7	.....
29	58.54	59.06	59.75	57.58	58.34	59.65	58.82	24.6	24.1	30	29.6	26.9	25	26.7	31.8	23.4	92	92	67	73	89	92	84.2	2.3
30	58.85	58.93	59.64	57.74	58.98	60	59.02	24.1	24	30.8	28.7	25	23.9	26.1	30.9	22.8	92	93	65	79	93	93	85.8	18.1
Mean	58.88	59.32	60	57.92	58.52	59.78	59.07	23.6	23.4	29.9	29.1	26.1	24.4	26.1	31.3	22.3	92.5	93.2	66.4	73.6	86.4	91.3	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]109.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	NNE	3	Calm	.....	NNW	1	Calm	.....	1	.....	.....	.....	9	.....	N. NE
3	NNE	1	NNE	1	NNE	4	NE	2	N	1	Calm	.....	1.5	7	Ci.	.....	8	.....	Cu. NE
4	Calm	.....	N	1	Calm	.....	N	1	N	1	NNW	1	.7	10	Ci.-S.	N.	10	Ci.-S.	N.
5	Calm	.....	Calm	.....	Calm	.....	Calm	.....	Calm	.....	NNW	1	.2	3	A.-Cu.	Cu.	9	.....	Cu.-N. ENE
6	Calm	.....	Calm	.....	NNW	3	E	2	NW	1	NW	1	1.2	6	Ci.-S.	.....	5	.....	Cu. ENE
7	NNW	1	Calm	.....	N	2	SE	2	Calm	.....	Calm	.....	.8	8	Ci. WNW	.....	9	Ci.	Cu. ENE
8	Calm	.....	Calm	.....	E	2	NNE	3	Calm	.....	Calm	.....	.8	7	Ci.-S.	.....	9	Ci.	Cu. ENE
9	Calm	.....	Calm	.....	NW	2	E	2	Calm	.....	Calm	.....	.7	9	A.-Cu. E	Cu.	4	Ci.-S.	Cu.
10	Calm	.....	Calm	.....	NNW	1	Calm	.....	Calm	.....	Calm	.....	.2	9	Ci.	Cu. NE	9	.....	Cu.-N.NE
11	NNW	1	NNW	1	E	2	N	1	NNW	2	N	2	1.5	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. E
12	Calm	.....	Calm	.....	N	2	W	2	Calm	.....	Calm	.....	.7	9	A.-Cu.	Cu. E	8	Ci.	Cu. NE
13	N	1	NNW	1	N	2	NW	1	Calm	.....	NW	1	1	10	Ci.-S.	Cu.-N.NE	10	.....	N. E
14	N	1	Calm	.....	ESE	2	Calm	.....	Calm	.....	Calm	.....	.5	8	A.-Cu. E	Cu.	9	Ci.-S.	N. ENE
15	N	2	Calm	.....	NE	3	SE	3	NW	1	N	1	1.7	1	.....	Cu.	7	.....	Cu. ENE
16	Calm	.....	Calm	.....	Calm	.....	SE	2	Calm	.....	Calm	.....	.3	3	A.-Cu.	Cu.	9	.....	Cu. NE
17	N	1	Calm	.....	Calm	.....	W	1	Calm	.....	Calm	.....	.3	3	A.-Cu.ENE	Cu.	5	.....	Cu. NE
18	ENE	1	Calm	.....	NNW	1	SE	3	Calm	.....	N	2	1.2	8	A.-Cu.ENE	Cu.	8	.....	Cu. NE
19	N	1	NNW	1	NW	2	SE	1	Calm	.....	Calm	.....	.8	1	A.-Cu.	Cu.	7	.....	Cu. NE
20	Calm	.....	Calm	.....	NW	2	SE	1	Calm	.....	Calm	.....	.5	1	.....	Cu.	7	.....	Cu.-N. NE
21	Calm	.....	Calm	.....	NE	2	SE	1	Calm	.....	Calm	.....	.5	0	.....	.....	6	.....	Cu. ENE
22	Calm	.....	Calm	.....	NW	1	SE	1	Calm	.....	Calm	.....	.3	0	.....	Cu.	2	Ci.-S.	Cu.
23	Calm	.....	Calm	.....	WNW	1	SE	2	Calm	.....	Calm	.....	.5	9	A.-Cu.NE	Cu.	9	.....	Cu. NE
24	Calm	.....	Calm	.....	NW	2	SE	3	Calm	.....	Calm	.....	.8	1	Ci.	Cu.	5	.....	Cu. NE
25	NNE	1	NNE	1	NNE	2	Calm	.....	Calm	.....	Clam	.....	.7	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
26	Calm	.....	Calm	.....	S	2	Calm	.....	Calm	.....	NW	1	.5	9	Ci.	Cu.	8	Ci.	Cu. E
27	Calm	.....	Calm	.....	SE	3	Calm	.....	Calm	.....	Calm	.....	.5	1	.....	Cu.	7	Ci.	N.
28	Calm	.....	Calm	.....	NE	2	SE	2	Calm	.....	Calm	.....	.7	1	Ci.	Cu.	5	.....	Cu. E
29	Calm	.....	Calm	.....	NE	2	SE	2	Calm	.....	Calm	.....	.7	7	A.-Cu.NE	Cu.-N.	9	.....	Cu.-N.NE
30	Calm	.....	Calm	.....	NE	2	WNW	2	NW	2	NW	1	1.2	7	A.-Cu.ENE	Cu.	9	.....	Cu.-N.NE
Mean	.....	0.4	.....	0.2	.....	1.8	.....	1.4	.....	0.3	.....	0.4	0.8	5.6	.....	.....	7.6	.....	.....

[a] 29 days of observation.

TAGBILARAN.

[ϕ=9° 38′ N; λ=123° 51′ E; barometer above sea, 21.3 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59	59.49	59.88	57.84	58.30	59.73	59.04	23.3	23.4	29.5	29.3	26.3	24	26	31.7	22.4	94	93	66	72	76	88	81.5	.....
2..	59.03	58.80	59.70	57.79	57 72	59.69	58.79	23.4	23	29.3	29.3	26.6	25.5	26.2	31	22.1	89	90	61	62	76	87	77.5	.....
3..	58.51	58.63	59.68	57.34	58.20	59.13	58.58	24.4	24.2	26.9	24.8	23.9	24	24.7	28.7	22	91	92	83	92	94	91	90.5	16.9
4..	58.40	58.77	59.40	57.74	58.15	59.31	58.63	22.9	23	27.8	28	26.1	25	25.5	29.9	22	94	94	77	77	87	93	87	.....
5..	58.26	58.74	59.84	58.43	59.21	60.31	59.13	24	24.1	26.8	28	25.1	24.5	25.4	29.2	22.9	95	94	87	82	93	90	90.2	12.7
6..	59.43	59.90	60.97	58.65	59.51	60.77	59.87	23.8	23.6	25.8	28.3	26.5	23.5	25.2	29.4	22.5	91	93	80	69	80	85	83	.....
7..	60	60.49	60.54	58.54	59.17	59.83	59.76	22.7	23.3	29.7	29.9	26.1	24	26	30.4	21.9	91	87	65	63	78	78	77	.....
8..	59.30	60.15	60.76	58.95	60.03	60.70	59.98	23.1	22.5	28	30	25.5	23.4	25.4	30.5	20.9	83	85	63	54	74	86	74.2	.....
9..	59.72	59.70	59.93	57.90	59.03	59.51	59.30	23	23	28.9	29.2	26.6	25.1	26	30.2	22.1	87	88	65	61	73	84	76.3	.....
10..	58.81	59.31	60.01	58.13	58.78	59.24	59.05	24.3	24.3	27.4	26.5	23.9	23.6	25	28.3	22.4	89	90	69	82	94	94	86.3	4.9
11..	58.05	59.11	59.49	57.05	58.70	59.34	58.62	22.7	23.1	26.4	28.5	24.1	23.8	24.8	29.9	21.5	96	94	82	73	93	95	88.8	22.4
12..	57.81	58.10	59.05	57.24	58.23	58.85	58.21	23.2	23.2	27.1	26.7	23.5	22.3	24.3	27.7	21.3	97	96	79	81	90	93	89.3	1.3
13..	58.05	57.85	58.59	57.06	58.14	59.15	58.14	22.4	22.5	28.5	27.5	24.9	24	25	28.5	21.2	91	90	74	79	92	96	87	7.1
14..	58.64	58.94	59.25	57.49	58.13	59.26	58.62	23.3	24	29	28.3	25.9	25.1	25.9	30.6	22.5	97	94	74	81	87	90	87.2	1.3
15..	59.09	59.24	60.26	58.74	59.51	60.30	59.52	24	23.6	27.9	29.5	24.1	23.2	25.4	30.3	21.4	91	93	77	72	90	91	85.7	25.7
16..	59.65	59.82	60.34	58.70	59.94	60.69	59.86	22.6	22	29.2	27.9	24.9	23.6	25	30.6	21.3	93	95	64	71	87	94	84	18.1
17..	60.24	60.10	60.84	58.74	59.41	60.54	59.98	23.1	22.6	27.1	27.5	25.3	23.5	24.8	29.9	22	95	96	79	80	92	95	89.5	1.6
18..	60.11	60.77	61.36	58.97	59.93	60.92	60.34	23.1	21.7	28.9	28.7	25.5	23.3	25.2	30.9	21.1	96	96	67	72	82	91	84	.3
19..	60.14	60.66	61.06	59.40	60.99	61.63	60.65	23.6	22.3	27	27.6	23.7	23.5	24.6	28.5	21.6	89	95	77	79	92	95	87.8	4.4
20..	61.09	61.10	60.55	58.43	59.83	60.14	60.19	22.9	22.5	28.6	28.3	25.1	24.4	25.3	29.2	22	97	98	72	72	84	91	85.7	.....
21..	59.51	59.82	60.28	58.28	58.88	59.26	59.34	24.3	23.4	27.1	26.5	24.5	23.6	24.9	27.1	22.2	92	95	83	82	91	94	89.5	2
22..	58.74	58.85	60.01	58.06	58.06	58.85	58.76	23	22	27.9	28.5	25.5	22.8	25	29.9	21.4	96	97	72	67	82	95	84.8	.....
23..	58.06	58.51	59.59	57.75	58.45	59.04	58.57	21.7	23.1	27	29.2	26.1	23.4	25.1	29.4	20.9	97	95	74	66	82	94	84.7	.....
24..	58.45	58.56	59.05	56.98	57.22	57.80	58.01	22	23	28.5	30	25.9	26.5	26	30.3	21	96	94	63	60	83	75	78.5	.....
25..	56.66	56.78	56.90	55.14	55.79	56.65	56.32	25.6	25.7	28	25.5	25.9	25.9	26.1	28.4	24.6	80	77	74	83	77	79	78.3	1.3
26..	56.45	57.31	58.44	56.72	57.44	58.61	57.50	26	24.9	29.2	31	26.2	25	27	31	23.8	78	92	74	56	82	83	77.5	.....
27..	58.03	58.81	59.93	58.04	59.09	60.23	59.02	23.9	22.7	28.5	28.3	26.3	24.3	25.7	30.8	22.2	83	92	70	76	85	91	82.8	.....
28..	59.55	60.05	60.98	58.44	58.70	60.16	59.65	22.6	22	28.5	28.3	25.5	23	25	30.2	21.4	92	94	66	71	84	94	83.5	.....
29..	60.00	60.07	60.68	58.86	59.17	60.65	59.90	22	21.6	29	28.9	25	22.8	24.9	30.2	20.7	96	97	65	69	89	89	84.2	.....
30..	59.99	60.11	60.72	58.69	59.34	60.64	59.92	23.1	23.7	30	30.2	25.5	23.8	26	30.8	21.9	90	89	57	63	87	91	79.5	.....
31..	60.24	61	61.49	59.47	59.85	60.83	60.48	21.8	20.4	29.1	28.3	26.3	23.5	24.9	30.3	19.7	94	98	59	74	77	93	82.5	.....
Mean	59	59.34	59.99	58.05	58.80	59.73	59.15	23.3	23	28.1	28.3	25.4	24	25.4	29.8	21.8	91.6	92.7	71.5	72.3	84.9	89.8	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1..	NNW	1	Calm	....	N	3	Calm	....	NNE	1	N	1	1	10	Ci.-S.	.....	8	.....	Cu. ENE
2..	Calm	....	Calm	....	NNE	1	NNE	1	N	2	Calm	....	.7	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3..	Calm	....	Calm	....	NNW	1	N	1	N	1	N	1	.7	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	N.
4..	N	1	N	1	NNE	3	N	3	N	1	Calm	....	1.5	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. E
5..	Calm	....	Calm	....	Calm	....	N	1	Calm	....	Calm	....	.2	9	Ci.-S.	Cu.	9	.....	N.
6..	Calm	....	Calm	....	NNE	3	N	3	N	2	Calm	....	1.3	10	.....	N.	9	Ci.-S.	cu.-N. ENE
7..	Calm	....	Calm	....	NNE	3	NNE	3	N	1	N	2	1.5	10	Ci.-S.	.....	4	.....	Cu. ENE
8..	N	1	Calm	....	N	4	NE	3	NNE	2	Calm	....	1.7	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
9..	NNE	2	NNE	2	NNE	4	NNE	3	NNE	2	Calm	....	2.2	7	Ci.-S.	.....	5	Ci.-Cu.	Cu. ENE
10..	Calm	....	Calm	....	N	1	N	1	N	1	N	1	.7	10	.....	Cu.-N.	10	Ci.-S.	Cu.-N. NE
11..	Calm	....	Calm	....	N	1	NE	2	Calm	....	Calm	....	.5	10	.....	N.	10	Ci.-S.	Cu.-N. NE
12..	Calm	....	Calm	....	NNE	2	NNE	1	N	1	N	1	.8	10	Ci.-S.	N. ENE	10	Ci.-S.	N. NE
13..	N	1	N	1	Calm	....	SE	1	Calm	....	Calm	....	.5	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	N.
14..	Calm	....	Calm	....	NE	2	S	1	Calm	....	NE	1	.7	10	.....	cu.-N. ENE	9	A.-Cu.	Cu.-N. E
15..	Calm	....	Calm	....	SE	2	Calm	....	Calm	....	Calm	....	.3	9	Ci.-S.	.....	8	.....	Cu.- NE
16..	NE	1	Calm	....	NW	1	Calm	....	NNW	1	Calm	....	.5	1	Ci.	.....	10	.....	Cu.-N. NE
17..	Calm	....	Calm	....	NNW	1	SE	3	Calm	....	Calm	....	.7	10	Ci.-S.	Cu.-N.	9	Ci. E	Cu. ENE
18..	E	1	Calm	....	NE	3	N	1	Calm	....	Calm	....	.8	9	Ci. E	.....	10	Ci.-S.	Cu.
19..	NE	1	Calm	....	N	3	N	1	Calm	....	Calm	....	.8	10	A.-Cu.	Cu.-N. ENE	10	Ci.-S.	cu.-N. ENE
20..	Calm	....	Calm	....	N	3	N	2	NNE	1	Calm	....	1	9	A.-Cu. E	N.	10	Ci.-S.	Cu. ENE
21..	Calm	....	Calm	....	WNW	2	N	1	Calm	....	Calm	....	.5	7	Ci. E	Cu.	10	.....	Cu.-N. NE
22..	Calm	....	Calm	....	N	1	NW	2	Calm	....	Calm	....	.5	10	A.-Cu. ESE	.....	10	Ci.-S.	Cu. NE
23..	Calm	....	Calm	....	NW	2	NW	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu.-N. N	8	Ci.-S.	Cu.
24..	Calm	....	Calm	....	NW	2	NW	1	Calm	....	NW	1	.7	10	.....	Cu.-N. NW	9	Ci.-S.	Cu.
25..	WSW	1	WSW	2	SSW	3	SW	3	SSW	3	S	3	2.5	10	Ci.-S.	Cu.	10	Ci.-S.	N. W
26..	S	2	Calm	....	SE	2	S	3	Calm	....	Calm	....	1.2	10	A.-Cu.	Cu.-N. S	1	A.-Cu.	.....
27..	Calm	....	Calm	....	SSE	1	ESE	2	Calm	....	Calm	....	.5	1	A.-Cu.	.....	8	.....	Cu. NNW
28..	Calm	....	Calm	....	NW	1	SE	2	Calm	....	Calm	....	.5	2	Ci.-S.	Cu.	7	.....	Cu. NE
29..	Calm	....	Calm	....	SE	2	SE	3	Calm	....	Calm	....	.8	0	.....	Cu.	8	.....	Cu. NE
30..	Calm	....	Calm	....	NNW	2	SE	3	Calm	....	NW	1	1	9	A.-Cu.	Cu. NE	5	.....	Cu. NE
31..	Calm	....	Calm	....	NNW	1	SE	2	Calm	....	Calm	....	.5	1	Ci.	Cu.	9	.....	Cu.-N.NE
Mean	.....	0.4	.....	0.2	.....	1.9	.....	1.8	.....	0.6	.....	0.4	0.9	8.1	.....	.....	8.5	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.24	58.31	59.54	57.53	58.25	59.71	58.60	23.1	22.5	26.7	27.5	26.5	24.5	25.1	28.3	22.3	93	96	90	81	87	90	89.5	8.9
2..	58.77	59.04	59.62	58.10	58.81	60.21	59.09	23.6	22.9	27.6	28.6	26.8	24.9	25.7	29.8	22.6	93	97	84	81	90	92	89.5	3.3
3..	59.04	58.89	59.69	57.62	58.49	59.33	58.84	24.8	23.9	26.3	26.4	26	24.6	25.3	27.8	23.7	94	97	94	90	92	93	93.3	21.6
4..	58.55	58.93	59.95	57.78	58.66	60.23	59.02	24.1	23.9	25	27	25.5	24.5	25	28.1	23.6	95	97	95	84	88	91	91.7	15
5..	59.37	59.29	59.85	58.04	58.09	59.17	58.97	23.7	23.4	26.5	24.4	24.6	23.6	24.4	27.4	22.8	94	97	84	96	99	97	94.5	87.6
6..	58.33	58.28	59.02	57.67	58.18	59.03	58.42	23.6	24.4	25	24.5	24.5	24.4	24.4	26.3	23.1	93	90	92	95	92	94	92.7	3.1
7..	57.91	58.01	58.91	56.97	58.20	59.41	58.24	23	22.5	26.5	25.4	25.1	24.9	24.6	27.5	22.2	96	97	83	88	91	93	91.3	153.9
8..	59.50	59.68	60.42	58.18	58.97	60.13	59.48	23.4	23.9	23.6	25.2	25.5	24.1	24.3	25.9	22.3	96	97	98	83	79	80	88.8	81.8
9..	59.07	59.30	60.02	58.53	59.09	59.61	59.27	24.1	24	24.5	23.6	23.4	24	23.9	25.3	22.8	82	83	83	90	94	93	87.5	52.4
10..	58.75	59.10	60.74	58.74	59.44	60.07	59.47	23.4	24.5	22.6	23.1	23.9	24.2	23.6	24.9	22.2	92	92	98	96	97	95	95	36.8
11..	59.26	59.45	60.07	58.75	60.24	60.28	59.68	23.7	24.5	24.6	23.8	22	22	23.4	25.7	21.3	93	92	94	97	95	95	94.3	95.6
12..	59.02	59.06	59.51	57.82	58.13	58.95	58.75	22.1	23.3	26	25.9	25	24.6	24.5	26.7	21.4	95	95	87	85	91	93	91	23.8
13..	57.99	57.93	59.62	57.63	57.93	58.77	58.31	23.7	23.3	23.5	25.4	24.8	23.5	24	25.9	23.2	96	97	97	81	89	91	91.8	14.7
14..	58.18	58.58	59.96	58.17	58.66	59.72	58.88	22.6	22.5	26	26	24.5	23.9	24.2	26.9	22	94	96	90	89	96	97	93.7	47.2
15..	59.12	59.42	60.56	58.78	59.20	60	59.51	23.5	23.1	24.9	25	25	24.9	24.4	25.8	22.9	97	98	88	91	92	94	93.3	14.2
16..	59.09	59.52	59.38	57.87	58.13	59.20	58.86	24	23.2	25.3	24	24.1	23.5	24	27.4	23.1	97	98	92	96	91	92	94.3	90.9
17..	58.98	58.65	58.68	57.28	57.98	58.65	58.37	23.6	23.6	25.6	23.4	24	23.5	24	26.9	22.8	91	95	87	95	96	97	93.5	18.2
18..	57.93	58.41	59.35	57.26	57.91	59.10	58.33	22.6	22.4	26.9	26.5	26	24.2	24.8	27.9	22	97	97	86	84	88	91	90.5	1.6
19..	58.04	57.88	58.69	57	58.13	59.02	58.13	22.6	22	27.9	28	26.6	23.8	25.2	28.9	21	94	96	79	80	83	86	86.3	.....
20..	58.13	58.63	59.67	57.11	57.76	59.16	58.41	23	23.8	24.5	26	25.5	25.1	24.6	26.7	22.8	90	96	96	88	88	90	91.3	25.6
21..	58.08	58.18	58.83	57.48	57.27	58.18	58	23.1	24	25.4	23.7	23	25	24	26	22.5	92	94	85	94	96	96	92.8	59.7
22..	56.53	57.43	58.81	56.93	58.02	59.02	57.79	24.9	23.5	23.4	24	24.1	24.2	24	25.2	21.9	96	96	97	96	95	94	95.7	118.6
23..	57.92	58.02	58.64	56.63	57.34	57.78	57.72	24.5	24	24	24	24.5	24	24.2	25	23.2	93	93	97	96	92	93	94	20.8
24..	56.93	57.04	57.34	55.57	56.96	57.55	56.90	23.8	23.4	25.4	25.5	23	23.1	24	26.3	22.8	95	97	93	91	97	97	95	120.3
25..	56.80	57.05	57.52	55.52	56.43	57.47	56.80	23.1	23.2	25.9	27	26.1	25.4	25.1	28.4	22.8	97	98	93	85	87	90	91.7	14.1
26..	56.68	56.89	58.48	56.57	57.01	57.97	57.27	24.3	23.5	25	25.9	25.8	24.8	24.9	26.8	23.3	93	97	92	88	89	92	91.8	8.7
27..	56.95	56.94	57.56	55.36	56	57.39	56.70	23.6	23.5	26.5	26.3	25	23.6	24.8	27.8	23.2	94	97	85	86	88	91	90.2	5.4
28..	56.62	56.79	57.93	55.59	56.58	57.23	56.79	23.4	23.6	25	25.5	25.2	24.4	24.5	26.4	23.3	96	99	94	88	90	91	93	8.1
29..	56.75	57.28	58.40	56.74	57.15	58.64	57.49	23.6	23.9	24.1	24.5	24.5	24	24.1	24.9	23.3	91	92	92	92	92	93	92	9.2
30..	57.60	57.15	58.04	56.26	56.78	58.64	57.41	23.4	23.4	25	26.4	24.5	23.5	24.4	27.3	23	95	97	92	84	92	92	92	22.3
31..	58.20	57.85	59.81	57.42	58.24	58.89	58.40	23.5	24	25.5	26.7	26	24.5	25	28.4	23.4	91	91	86	83	88	89	88	.5
Mean	58.14	58.29	59.18	57.32	58	58.98	58.32	23.5	23.5	25.3	25.5	24.9	24.2	24.5	26.9	22.7	93.7	95.3	90.4	88.8	91.1	92.3	91.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,183.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	NW	Calm	S	22.7	14.5	16.7	14.3	68.2	5	Ci.-S. E	S.-Cu.	9	Ci.-S. E	Cu.
2..	S	S	NW	NNW	NNW	NE	17.5	30.9	33.6	29.3	111.3	10	Ci.-S. E	S.-Cu.	6	Ci.-S.	Cu. NWbyN
3..	SE	SE	Calm	NNW	NNW	ENE	18.2	14.2	26.8	14.8	74	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. ENE
4..	ENE	Calm	Calm	NNW	N	ESE	11.9	14.8	60.2	22	108.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNW
5..	Calm	ESE	Calm	NNW	N	N	9.7	12.7	47	54.7	124.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Fr.-N. NNW
6..	N	NNW	NNW	NNE	N	Calm	80.2	167.3	74.6	18.5	340.6	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	S.-Cu. NNE
7..	ESE	ESE	NbyW	N	N	N	8.3	27.2	97.7	90.9	224.1	8	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. N
8..	NNW	NNW	ENE	NE	NE	NE	196	111	104	72.4	483.4	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	S.-Cu. NE
9..	N	NNE	NbyE	NE	NbyE	NE	74.6	75.6	58.7	53.4	262.3	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NE
10..	ENE	ENE	Calm	NbyE	ENE	NE	82.6	33.8	41.8	28.2	186.4	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NNE
11..	NE	ENE	ENE	N	ENE	ENE	30.8	61.8	69.2	40.2	202	10	Ci.-S.	Fr.-N. NE	10	.....	Fr.-N. N
12..	ENE	ENE	E	ENE	ENE	N	31.4	57.1	46.9	27.9	163.3	10	.....	Fr.-N. ENE	10	Ci.-S.	S.-Cu. ENE
13..	Calm	ESE	ESE	ESE	ENE	SE	21.1	74.8	28.2	21.7	145.8	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Fr.-S. ESE
14..	SW	SW	NNW	E	SE	Calm	14.5	30.3	34.6	19.3	98.7	10	Ci.-S.	Fr.-N. NE	10	A.-Cu.	S.-Cu. ENE
15..	NE	NE	ENE	ESE	ENE	N	14	59.5	52.5	38	164	10	Ci.-S.	S.-Cu. EbyS	10	Ci.-S.	S.-Cu. E
16..	NE	Calm	ESE	NE	NbyE	N	35.2	9.5	69.2	96.6	210.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Fr.-N. NE
17..	NE	ENE	Calm	SE	Calm	S	43.1	26	35.7	13.5	118.3	8	A.-Cu.	S.-Cu. NE	10	Ci.-S.	Fr.-N. E
18..	SW	SW	NE	NNW	N	Calm	10.3	19.3	72.4	19.6	121.6	7	A.-Cu.	S.-Cu. E	8	Ci.-S.	S.-Cu. NNW
19..	S	S	ESE	NNW	ENE	ENE	15.1	16.1	48.9	16.6	96.7	4	Ci.-S. SE	Cu.	6	Ci.-S.	Cu. E
20..	ESE	ESE	SbyW	NbyW	Calm	NbyE	20.6	21.9	17.7	23.9	84.1	10	Ci.-S.	S.-Cu. ENE	9	Ci.-S. SE	S.-Cu. NE
21..	N	Calm	NbyE	NE	ENE	NE	31.6	31.6	57.7	47.7	168.6	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Fr.-N. NE
22..	N	N	SW	NNW	N	N	51	46.7	55.7	68.9	222.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NNE
23..	N	N	N	Calm	ENE	Calm	93.9	106.5	21.7	12.7	234.8	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. NE
24..	ESE	SE	Calm	Calm	SSW	SbyW	16.7	16.4	26.4	16.4	75.9	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. ENE
25..	SSW	Calm	Calm	NE	ENE	ENE	23.5	23	90.3	54.5	191.3	10	Ci.-S.	S.-Cu. EbyN	10	Ci.-S.	S.-Cu. ENE
26..	WSW	WSW	Calm	NbyW	ENE	Calm	18.3	17.2	77.2	36.7	149.4	10	Ci.-S.	S.-Cu. ENE	9	A.-Cu. E	S.-Cu.
27..	SW	SW	W	NW	NW	W	12.3	11.6	42	26.2	92.1	10	Ci.-S.	S.-Cu. NNE	9	A.-Cu. E	S.-Cu. NWbyW
28..	WSW	WSW	N	N	N	NbyW	17.7	93.9	162.5	180.2	454.3	10	Ci.-S.	Fr.-N. WSW	10	Ci.-S.	S.-Cu. N
29..	NNW	NNW	NNW	NNW	NNW	NNW	180.2	122.3	154.5	61.8	518.8	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	S.-Cu. N
30..	WSW	W	NbyW	NW	WNW	SW	23.5	40.5	48.8	57.6	170.4	10	Ci.-S.	Fr.-N. NW	9	A.-Cu.	S.-Cu. NWbyW
31..	SW	Calm	NNW	NbyW	ENE	NW	41	48.6	56.8	16.1	162.5	10	Ci.-S.	S.-Cu. W	10	A.-Cu.	S.-Cu. NNE
Mean	.....	.....	.....	.....	.....	.....	40.9	46.3	59	41.8	188	9.4	.....	.....	9.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,828.7	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.29	58.98	59.88	58.44	58.99	60.02	59.10	24.4	24.4	23.7	25	24.5	24	24.3	25.9	22.9	91	91	92	82	87	90	88.8	66.6
2..	58.89	59 15	59.60	57.77	58.51	59.50	58.90	23.4	24	27.5	25	25.9	24.3	25	29.3	22.8	92	94	81	92	88	91	89.7	8.9
3..	58.37	58.83	59.98	57.43	58.36	59.57	58.76	23.2	22.9	26.1	27.7	26.4	24.6	25.2	28.5	22.8	93	97	90	82	89	92	90.5	3.3
4..	58.80	59.23	59.50	57.19	57.46	58.77	58.49	23.6	23	28.2	29.4	27	24.9	26	30.4	22.4	95	97	74	72	80	85	83.8	.....
5..	57.64	58.78	59.35	56.89	57.57	58.33	58.09	23	22.4	28.5	29.9	27	23.9	25.8	30.4	22	90	96	70	67	78	83	80.7	2
6..	57.43	58.30	58.70	56.47	56.77	57.89	57.59	23	22.8	28	28.5	27	24.2	25.6	28.9	22.5	90	97	81	73	82	86	84.8	.....
7..	57.07	57.45	58.57	56.46	57.37	58.61	57.59	23.1	22.5	29.1	28.5	26	25.1	25.7	31.2	22.1	90	96	72	73	84	82	82.8	.....
8..	58.08	58.35	59.57	57.94	58.83	59.93	58.78	24.9	24.9	25.8	25.4	25	24.8	25.1	26.8	23.9	80	79	77	74	80	84	79	2.5
9..	59.12	59.62	60.10	59	58.96	60.16	59.49	24.7	22.1	23.1	23.1	23.1	23.2	23.2	25.3	21.8	89	95	90	94	90	91	91.5	43.9
10..	58.55	58.49	59.53	57.29	58.18	58.28	58.39	23.9	24.2	24.5	24	24.8	24.8	24.4	25.3	22.2	91	92	94	96	93	93	93.2	103.6
11..	57.40	58.54	59.30	56.83	57.74	58.19	58	24.7	23.5	25.5	26	26	25.8	25.2	26.8	22.8	94	94	88	86	89	92	90.5	19
12..	57.53	58.17	59.12	57.20	58.15	59.32	58.25	24.9	24	28.6	27	25.8	25	25.9	29.4	23.8	94	96	80	84	89	90	88.8	3.9
13..	59.15	59.29	59.44	57.44	57.88	58.94	58.69	24.6	25	27.9	28.8	26.4	25.3	26.3	29.9	23.2	91	92	85	76	84	88	86	3
14..	58.79	58.34	58.89	57.18	57.87	58.98	58.34	24.7	23.5	26.5	27.2	25.5	24.3	25.3	28.4	22.8	92	96	88	81	94	95	91	.....
15..	58.26	58.34	59.36	57.15	58.18	59.80	58.52	23.7	23	27.2	27	26.1	25.1	25.4	27.9	22.7	96	96	86	84	91	92	90.8	15.2
16..	59.33	59.47	60.71	58.50	59.11	60.24	59.56	24.3	23.5	26.8	27.2	26.5	25.4	25.6	28.7	23.3	94	95	78	86	84	86	87.2	7.9
17..	59.24	59.50	60.91	58.28	59.07	60.65	59.61	25.3	24.7	28	26.6	26.1	24	25.8	29.4	23.6	88	92	79	87	91	91	88	5.1
18..	59.01	59.42	60.20	58.32	59.28	60.30	59.42	24.5	24.9	26.5	24	24	24	24.6	27.9	23.4	90	90	85	91	88	88	88.7	7.7
19..	59.38	59.76	61.45	59.82	60.38	61.18	60.33	23.5	24.5	23.1	23	22.8	24.2	23.5	24.9	22.3	88	88	95	91	93	93	91.3	53.4
20..	59.71	60.23	61.57	59.87	59.97	61.48	60.47	24.2	23.4	24.3	23.6	24.9	24.5	24.2	25.5	22.9	92	92	89	87	80	81	86.8	13.8
21..	60.80	61.02	62.35	60.11	60.77	61.37	61.07	24.3	24	25.3	24.5	24.5	23.4	24.3	26.1	22.2	82	82	80	87	78	82	81.8	.....
22..	60.76	61.15	62.27	59.97	60.90	62.21	61.21	22.5	23.5	25.5	26.5	25.4	24.1	24.6	28.5	22	87	91	80	73	70	72	78.8	.....
23..	60.85	61.33	62.06	60.44	61.10	62.27	61.34	23.8	23.5	26.8	26	25	21.3	24.4	27.7	20.9	74	76	70	72	68	68	71.3	.....
24..	61.72	61.37	62.66	60.71	61.70	61.96	61.69	24	24	25.5	25	24.1	22.2	24.1	26.6	22.1	74	77	74	80	86	90	80.2	31.2
25..	60.70	60.93	62.06	59.94	60.87	61.56	61.01	22.4	22.5	24.7	26.2	25.6	23.5	24.2	27	22	95	98	92	85	87	86	90.5	20.1
26..	60.17	60.22	60.99	59.29	59.95	60.76	60.23	23.1	25.4	27.4	28	26.5	25.6	26	29.6	22.8	86	86	76	74	83	89	82.3	.3
27..	60.37	60.79	61.51	59.86	60.21	61.34	60.68	25.9	25.2	27.6	27	26.5	25.5	26.3	28.7	25	88	86	80	83	80	83	83.3	.....
28..	60.62	60.72	61.52	59.77	59.92	60.86	60.57	25	25	25	24.9	25	23.3	24.7	26.2	22.8	86	90	85	92	88	89	88.3	4.1
Mean	59.14	59.49	60.40	58.41	59.07	60.09	59.43	24	23.8	26.3	26.2	25.5	24.3	25	27.9	22.7	89	91.1	82.5	82.3	84.8	86.9	86.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	415.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNW	NNW	N	NbyW	ESE	SE	57.4	196.3	74.8	58.7	387.2	10	A.-Cu.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. N
2..	SE	ENE	ENE	ESE	ENE	Calm	43.8	83.1	71.1	33.2	231.2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
3..	SW	SW	Calm	N	ENE	ESE	14.7	10.8	54.4	30.3	110.2	10	A.-Cu.	S.-Cu. NE	9	A.-Cu. NE	Cu.
4..	Calm	Calm	ESE	E	ESE	Calm	17.4	58.2	88.2	15.8	179.6	4	Ci.-S.	S.-Cu. ESE	3	A.-Cu. SE	Cu.
5..	SE	S	ENE.	EbyN	ENE	Calm	10.3	45.1	60.6	19.6	135.6	3	Ci.-S.	Cu. SE	4	Ci.-S.	Cu. SE
6..	Calm	SW	SW	NbyW	Calm	Calm	12.1	23	40	14	89.1	9	Ci.-S.	S.-Cu. E	4	A.-Cu. NW	Cu.
7..	SSW	SSW	EbyS	NbyW	NNE	N	19.6	26.8	69.5	57.3	173.2	9	Ci.-S. SE	S.-Cu.	8	Ci.-S. SE	Cu.
8..	N	N	N	N	N	NNE	89.5	86.3	87.5	43.8	307.1	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. N
9..	SSW	SSW	ENE	NE	NNW	NE	40.8	34.9	45.9	102	223.6	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	Fr.-N. N
10..	NNW	NNW	NbyW.	Calm	N	N	35.2	111.8	42.8	91.5	281.3	10	Ci.-S.	Fr.-N.NNW	10	Ci.-S.	S.-Cu. E
11..	WNW	WbyN	N	NbyW	ENE	NE	119.1	108.6	116.2	62.8	406.7	10	Ci.-S.	S.-Cu. NW	8	A.-Cu. SE	S.-Cu. NNE
12..	Calm	Calm	Calm	NbyW	E	ESE	30	37.3	102.7	48.1	218.1	10	Ci.-S.	S.-Cu. E	6	A.-Cu.	Cu. EbyS
13..	NbyW	NbyW	Calm	ENE	ENE	NE	21.4	53.1	94.3	54.1	222.9	9	Ci.-S. ESE	S.-Cu. E	9	A.-Cu. SE	S.-Cu.
14..	SE	SSW	NbyW	NbyW	N	ESE	11.9	35.2	74.8	15.3	137.2	9	Ci.-S.	S.-Cu. E	6	A.-Cu. E	Cu.
15..	Calm	SSW	NbyW	N	N	NE	12.1	51.5	70.8	9.2	143.6	10	A.-Cu.	S.-Cu. ENE	6	A.-Cu.	Cu. ENE
16..	NE	ENE	ESE	NW	NE	WNW	30.8	31.7	54.5	21.9	138.9	10	A.-Cu.	S.-Cu. SE	8	A.-Cu.	S.-Cu. NNW
17..	ENE	EbyN	Calm	N	N	NbyW	45.1	28.5	69.2	44.5	187.3	9	A.-Cu. ENE	S.-Cu.	6	A.-Cu. NE	Cu.
18..	N	N	NNE	N	N	N	73.8	72.1	68.4	36.2	250.5	10	Ci.-S.	Fr.-S. N	10	Ci.-S.	S.-Cu. N
19..	NNW	NNW	NbyW	NE	NNE	NE	63.8	73	56.6	37.6	231	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	Fr.-S. NE
20..	NE	NbyE	NE	ENE	NE	NE	93.1	78.1	86.1	62.6	319.9	10	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
21..	NNE	NNE	NbyW	N	N	ENE	46.1	82.1	104	29.2	261.4	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNE
22..	N	NbyE	NNW	NbyW	NE	NNE	47.2	51.5	71.9	46.7	217.3	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. NNE
23..	N	NbyE	N	NbyW	NE	SW	36.2	70	85.1	36.7	228	5	Ci.-S. SE	Cu.	9	A.-Cu.	Cu. N
24..	N	N	NbyW	NbyW	W	WSW	68.6	120.7	98.8	33.5	321.6	9	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. N
25..	WSW	WSW	Calm	Calm	E	Calm	20.6	21.5	26.8	12.9	81.8	10	Ci.-S.	S.-Cu. NW	9	Ci.-S.	Cu. E
26..	S	EbyN	ENE	ENE	ENE	NE	32.2	95	103	62.8	293	7	A.-Cu.	S.-Cu. ENE	7	Ci.-S. SE	Cu. ENE
27..	NE	ENE	NE	NNW	ENE	N	80.5	49.9	116.5	54.1	301	7	.....	S.-Cu. ENE	6	Ci.-S.	Cu. NE
28..	WNW	N	N	EbyS	Calm	Calm	31.4	72.6	18.3	11.3	133.6	10	Ci.-S.	S.-Cu.NbyE	10	Ci.-S.	S.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	43	64.6	73.3	40.9	221.9	8.9	.....	.....	8.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,211.9	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.90	60.02	60.93	59.32	59.77	60.91	60.14	23.1	24.1	24.3	23.8	24.5	22.6	23.7	25.6	22	90	91	94	92	92	91	91.7	5.4
2..	60.31	60.33	61.61	59.63	60.08	61.38	60.56	23.8	24	23.9	23.9	22	22.7	23.4	25	20.9	91	91	90	96	99	96	93.8	161.9
3..	60.79	61.52	62.08	60.02	61.11	62.02	61.26	23.1	24.5	25	24.6	23	23.2	23.9	25.4	22.4	93	91	88	87	96	97	92	82
4..	61.15	61.28	61.58	59.41	60.20	61.05	60.78	22.8	22.5	27	27.5	24.5	22.8	24.5	29.9	22.3	97	97	83	77	91	93	89.7	23.4
5..	59.93	60.23	60.89	58.77	59.36	61.22	60.07	22.8	23.2	26.5	27.6	23.4	23.2	24.4	28.8	22.4	96	98	87	79	95	96	91.8	52.8
6..	60.15	60.18	60.75	58.84	59.56	60.51	60	22.6	22.4	27.9	28.3	26.5	24.8	25.4	29.4	21.9	96	96	79	74	84	87	86	55
7..	59.57	59.63	60.01	58.02	58.12	58.78	59.02	22.7	23.5	24.5	24	24	24.1	23.8	25.4	22.5	91	97	92	94	96	95	94.2	87.3
8..	57.69	58.10	58.97	56.66	57.95	58.94	58.05	23.4	23.5	25.9	28.1	26.5	24.8	25.4	29.7	22.8	94	93	88	73	84	87	86.5	4.6
9..	58.28	58.73	59.45	56.70	58.02	58.94	58.35	23.4	23	28.7	29.9	27	24.9	26.2	30.3	22.8	91	96	78	70	84	87	84.3	.3
10..	58.38	58.73	59.49	56.95	58.07	59.75	58.56	23.8	23.5	28.6	28	26.5	24.9	25.9	29.9	23	91	95	78	74	80	85	83.8	.3
11..	58.39	58.94	60.30	57.81	58.38	59.23	58.84	24.3	23.6	25.6	28.6	26	23.5	25.3	29.4	22.6	91	96	90	71	84	86	86.3	10.7
12..	58	58.28	59.25	56.85	57.48	58.88	58.12	22.6	23.5	28.5	29	25.5	25	25.7	29.9	22.3	89	94	67	65	83	87	80.8	.....
13..	57.89	58.10	59.45	57.20	57.77	59.25	58.28	23.4	22.6	30	29.4	26.6	25	26.2	31.3	22.4	90	95	75	72	80	84	82.7	.....
14..	58.36	59.25	60.27	57.89	57.82	59.47	58.84	24	23.5	27.6	30.1	26.6	23.6	25.9	30.8	23	90	96	81	62	83	86	83	.....
15..	58.77	59.28	60.23	58.14	58.62	60.12	59.19	23	23.1	29.4	29.1	26.5	23.4	25.8	31.3	22.3	90	96	67	64	80	83	80	.....
16..	59.41	60.06	61.07	59.24	59.65	60.97	60.07	22.1	23.4	27.5	28	26.8	25.4	25.5	29.2	22.1	87	92	73	74	78	82	81	.....
17..	57.97	61.02	62.09	60.31	60.89	62.05	61.06	23.7	24.5	26	28.5	25.5	24	25.4	29.8	22.9	86	91	84	66	81	86	82.3	9.4
18..	60.54	62.02	62.88	60.94	61.51	62.49	61.73	23.5	22.7	24.1	27.4	26	25.2	24.8	28.8	22.2	92	97	92	68	76	81	84.3	9.1
19..	61.17	61.53	61.90	60.21	60.56	61.45	61.14	22.2	22	27.5	27	26.5	24.1	24.9	29	21.2	86	92	73	77	79	83	81.7	.....
20..	59.96	60.14	61.13	59.21	58.73	60.01	59.86	22.2	21.6	26.5	27	26.1	22.5	24.3	28.3	21.3	88	95	74	75	76	81	81.5	.....
21..	59.13	59.41	60.04	58.27	58.12	58.95	58.99	21.9	21.4	27.3	28	26.5	25.5	25.5	25.1	29.9	21.2	88	96	70	77	87	90	84.7	.....
22..	57.88	59.04	60.34	58.05	58.82	60.27	59.07	23.9	23.9	26.9	29.5	26.1	25.3	25.9	29.9	23.5	93	96	77	76	89	89	86.7	.....
23..	59.01	59.52	59.91	57.61	58.08	59.39	58.92	24.8	24.5	29.5	27	26.5	25	26.2	29.9	24.1	89	90	75	84	88	91	86.2	23.1
24..	57.84	58.58	59.24	57.21	58.15	59.16	58.36	23.8	23.4	28.1	26.5	26	24	25.3	29.4	23	94	97	83	83	88	91	89.3	13.8
25..	58.11	58.65	60.14	57.92	58.65	59.82	58.88	23.8	24	25.5	29.5	26.5	25.8	25.8	30	23.4	94	97	91	78	88	90	89.7	4.6
26..	58.55	58.68	59.87	58.49	58.84	59.73	59.03	24.1	24	27.5	26	25.5	24.8	25.3	29.1	23.4	92	96	81	84	91	92	89.3	11.9
27..	58.93	59.76	60.85	58.80	59.19	60.46	59.66	24.7	23.3	25.4	26.5	24	23.7	24.6	26.9	22.9	94	96	88	82	95	96	91.8	71.7
28..	59.18	60.37	60.89	59.07	58.77	59.83	59.68	23.2	21.4	22.5	24.5	24.5	23	23.2	24.9	20.9	96	96	96	92	88	90	93	21.6
29..	58.86	59.19	59	99	58	58.63	59.88	59.09	22.7	23.5	26.1	28	24	23.7	24.7	28.5	22.2	93	97	87	77	93	94	90.2	11.8
30..	58.68	58.94	59.70	57.60	58.32	59.84	58.85	23	23.4	28	28.5	26.1	23.9	25.5	29.9	22.8	95	96	79	73	92	93	88	16
31..	58.64	59.60	59.60	57.82	58.51	59.82	59	23.5	23	27.3	28.3	27.4	24.4	25.6	29.7	22.3	94	96	80	72	78	82	83.7	3.3
Mean	59.14	59.65	60.48	58.42	58.96	60.15	59.47	23.3	23.2	26.7	27.5	25.6	24.2	25.1	28.9	22.4	91.6	94.9	81.9	77	86.4	88.7	86.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	680

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NbyW	N	ENE	Calm	Calm	14.5	76.1	20.4	13.2	124.2	9	Ci.-S.	S.-Cu. N	10	Ci.-S.	Fr.-N.ENE
2..	NW	WbyS	NNW	WNW	SW	SSW	67.1	67.8	50.7	17.2	202.8	10	Ci.-S.	N. NW	10	Ci.-S.	Fr.-N. NNW
3..	SW	NE	NNW	N	WbyS	NE	46.9	92.8	104	27.2	270.9	10	Ci.-S.	S.-Cu.NE	10	Ci.-S.	S.-Cu. N
4..	Calm	Calm	ENE	N	Calm	ESE	6.6	19.9	46.1	17.7	90.3	9	A.-Cu.	S.-Cu.ENE	10	A.-Cu.	S.-Cu. NNE
5..	Calm	Calm	EbyN	Calm	S	SSW	13.5	51	43.3	26.4	134.2	10	Ci.-S.	N. ENE	9	A.-Cu.	S.-Cu. E
6..	SSW	Calm	ENE	ENE	ENE	NE	15.1	31.6	106.2	56.3	209.2	8	Ci.-S.	Cu. ENE	9	A.-Cu.	Cu.-N. ENE
7..	ENE	ENE	N	N	ESE	NE	33	39.4	75.6	85.1	233.1	10	Ci.-S.	Fr.-N.ENE	10	Ci.-S.	Fr.-N. N
8..	WSW	SW	NE	W	SSE	Calm	31.6	24.9	47.5	15.1	119.1	10	Ci.-S.	S.-Cu.SW	7	Ci.-S.	Cu. SSW
9..	SW	SW	ENE	NW	ESE	Calm	17.1	21.4	41.3	14.5	94.3	9	Ci.-S.	S.-Cu.SSW	6	Ci.-S.	Cu. SW
10..	SW	SW	ENE	NW	W	Calm	18.8	31.1	60	8.2	118.1	5	A.-Cu. SW	Cu.	6	Ci.-S. SE	Cu. SW
11..	SSW	Calm	WSW	WSW	WNW	Calm	10.7	35.4	54.7	20.3	121.1	9	A.-Cu. SW	S.-Cu.	7	A.Cu.	Cu. WSW
12..	WSW	WSW	W	WNW	WSW	SW	21.7	44.1	55.8	21.5	143.1	9	A.-Cu.WNW	S.-Cu.	4	A.-Cu.	Cu. W
13..	WSW	WSW	E	EbyN	ESE	Calm	18.8	26	84.8	11.5	141.1	4	Ci.-S. NE	Cu.	7	A.-Cu. SE	Cu.
14..	ESE	S	NbyW	NW	W	Calm	13.2	30.6	34.1	15	92.9	10	A.Cu.	S.-Cu. SW	4	Ci.-S.	Cu. W
15..	Calm	SW	N	NW	WSW	SSW	12.9	34.6	62.2	17.5	127.2	7	A.-Cu. SW	Cu.-N. SW	3	Ci.-S. S	Cu.
16..	SSW	NW	N	NbyW	ENE	ENE	21.1	45.1	72.7	42.9	181.8	7	A.-Cu. W	S.-Cu.	6	Ci.-S. S	Cu.
17..	SE	EbyN	ENE	EbyN	ESE	Calm	26.9	75.3	67.6	16.7	186.5	10	A.-Cu.	S.-Cu. NNE	9	A.-Cu.	Cu. NNE
18..	S	Calm	Calm	ENE	ENE	NE	33.8	13.9	115.9	63.1	226.7	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	S.-Cu. NE
19..	SSE	S	NNE	NNW	ENE	ENE	19.6	28.8	90.1	61.8	200.3	8	A.-Cu.	S.-Cu.ENE	6	A.-Cu.	Cu. ENE
20..	SSW	SSW	NW	NNW	NbyW	S	21.2	48.5	101.4	25.1	196.2	4	A.-Cu. E	S.-Cu.	7	A.-Cu.	Cu. ENE
21..	SSW	SSW	NE	N	N	NE	21.9	36.7	59.5	42.4	160.5	5	A.-Cu.	S.-Cu. S	7	A.-Cu.	Cu. ENE
22..	Calm	Calm	NbyW	NE	N	N	13.2	39.6	54.7	82.7	190.2	9	A.-Cu.	S.-Cu.ENE	5	A.-Cu. S	Cu.
23..	NNE	Calm	NNE	NNW	N	Calm	48	47.7	79.4	23.6	198.7	10	A.-Cu. E	S.-Cu. NNE	6	A.-Cu.	S.-Cu. ENE
24..	Calm	Calm	E	ENE	ESE	SSE	14	37.5	61.2	21.5	134.2	10	A.-Cu.	S.-Cu. ENE	10	A.-Cu.	cu.-N. EbyN
25..	SSE	S	EbyN	E	EbyN	Calm	10.3	26	51.5	25.1	112.9	10	A.-Cu.	S.-Cu. E	7	A.-Cu. SE	Cu. E
26..	SSE	Calm	Calm	ESE	EbyS	NE	13.1	28.4	34.6	79.4	155.5	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
27..	NbyE	SE	EbyN	ENE	S	SSW	39.7	67.9	71.9	22	201.5	10	Ci.-S.	Fr.-N. E	10	A.-Cu.	S.-Cu. ENE
28..	SW	S	SSW	NW	NbyW	Calm	30	23.3	12.4	13.5	79.2	10	Ci.-S.	Fr.-N. SE	10	Ci.-S.	S.-Cu. E
29..	SW	SSE	SSE	ENE	S	Calm	18.8	56.6	68.9	35.4	179.7	10	Ci.-S.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
30..	S	Calm	E	NE	ESE	S	14.8	39.4	75.6	27.4	157.2	9	Ci.-S.	S.-Cu.ENE	7	A.-Cu.	Cu.-N. E
31..	SSW	Calm	E	EbyN	ENE	Calm	40.8	46.1	95.6	25.9	208.4	7	A.-Cu.	S.-Cu.EbyN	6	Ci.-S.	Cu. EbyN
Mean	.....	.....	.....	.....	.....	.....	23.5	41.5	64.5	31.5	161	8.6	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,991.1	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.75	59.29	59.31	57.19	57.91	59.20	58.61	23.4	23.6	28.4	28.6	27	24.1	25.8	29.3	23.1	89	96	77	73	80	85	83.3	7.1
2..	57.77	58.09	58.90	56.72	57.56	58.59	57.94	23.5	23.5	27	27.6	26.6	24.5	25.4	28.8	22.8	90	96	80	81	87	90	87.3	2.3
3..	57.16	57.77	58.18	56.20	57.28	58.39	57.50	23.5	23.5	26.8	26.1	25.1	25	25	28.8	23.1	93	96	82	79	85	90	87.5	21.4
4..	57.80	58.10	58.87	57	57.80	58.91	58.08	23	22.5	28.5	27.6	26.9	25.3	25.6	29.4	22.1	94	98	78	79	80	84	85.5	6.1
5..	57.79	57.96	59.04	57.52	57.76	58.94	58.17	24.8	25.1	25.5	25.5	25	23.9	25	26.9	23.3	89	93	90	92	92	94	91.7	20.4
6..	57.67	57.58	58.53	56.20	56.98	58.67	57.60	23.3	23.5	26.5	28.1	26.6	24	25.3	28.9	22.8	95	96	88	77	84	87	87.8	.3
7..	57.71	57.74	58.22	56.31	56.65	58.64	57.54	22.7	22.4	27.5	26.2	27.1	23.9	25	30.4	21.8	91	96	78	87	83	90	87.5	8.9
8..	57.17	57.75	58.32	56.50	57.06	59	57.63	23.8	23.2	27.5	28.5	26.5	24.7	25.7	30.4	22.8	93	97	81	75	80	85	85.2	7.3
9..	57.06	57.79	58.99	56.88	57.36	59.22	57.88	23.8	23.7	25.9	27	25.4	23.6	24.9	27.7	23.3	91	97	88	77	88	91	88.7	18.6
10..	58.04	57.86	59	56.72	57.08	58.19	57.82	22.8	22.5	27.5	28	26.1	23.9	25.1	28.7	22.2	95	98	84	78	86	83	87.3	.....
11..	57.19	57.09	57.57	55.51	55.68	56.34	56.56	24.7	26.5	27	28.3	26	25.9	26.4	28.4	23.5	81	80	80	77	89	88	82.5	1.3
12..	54.74	54.89	55.13	53.32	54.02	55.69	54.63	25.8	26	27.2	27	26.7	25.9	26.4	27.8	24	88	88	80	77	82	78	82.2	3.5
13..	54.86	55.12	56.66	55.81	56.60	57.54	56.10	26.6	26.5	27.6	28	27	26.4	27	28.9	25.8	80	77	79	76	80	82	79	.....
14..	56.58	57.12	58.25	56.38	56.85	58.78	57.33	26.1	26	28.9	29.9	26.5	23.6	26.8	30.4	22.6	83	85	75	71	84	87	80.8	.....
15..	57.76	58.20	58.59	56.50	56.81	58.66	57.75	22.3	22.1	28.5	29.5	26.8	23.8	25.5	30.3	21.3	91	95	71	69	82	91	83.2	.....
16..	58.18	58.60	59.31	57.65	57.76	59.26	58.46	23.1	22.9	27.5	27.8	27.5	24.9	25.6	29.4	22.5	90	95	81	82	81	84	85.5	.....
17..	58.62	59.27	60.15	58.21	59.03	60.39	59.28	24.3	23.8	27.4	27.5	27.1	24.2	25.7	29.9	23.3	89	95	78	84	81	86	85.5	.....
18..	59.78	60.26	60.86	59.18	59.73	60.40	60.20	23.3	23.1	29	28.9	27.5	24	26	30.3	22.8	90	96	71	76	77	81	81.8	.....
19..	60.42	60.48	61.09	59.11	59.60	60.99	60.29	22.7	22	28.5	29.9	27.5	24	25.8	30.7	21.7	88	96	74	70	77	81	81	5.6
20..	60.13	60.16	60.45	58.59	59.62	60.71	59.94	23.4	23.5	27.8	29	24.9	24.5	25.5	29.8	22.8	88	96	81	74	92	94	87.5	13.5
21..	59.50	59.62	60.13	58.07	58.83	60.01	59.36	25.1	24	25.3	26.9	26.9	25.1	25.6	27.1	23.3	95	96	93	85	85	89	90.5	44.5
22..	59.30	59.33	60.11	57.92	58.17	59.60	59.07	22.2	22.2	25.5	26	25.5	23.6	24.2	26.9	21.8	94	98	85	84	84	87	88.7	2.8
23..	58.82	58.75	60.19	58.74	59.09	60.85	59.41	22.6	22	28.4	29.5	26.5	24.8	25.6	30	21.7	91	96	75	71	84	87	84	2
24..	59.88	59.60	60.41	58.81	59.42	60.90	59.84	24.4	24	26.5	27.9	25.5	25.4	25.6	29.4	23.7	91	96	91	82	92	93	90.8	14
25..	59.60	59.97	60.69	58.64	59.09	60.31	59.72	24.7	24.4	28	29	26.5	25.2	26.3	29.3	23.8	95	97	83	78	87	89	88.2	4.3
26..	58.81	58.98	59.83	57.90	57.95	59.54	58.84	23.6	23.1	28.7	29.5	27.4	24.9	26.2	29.9	22.5	93	97	78	75	84	87	85.7	.....
27..	58.11	58.07	59	56.73	57.50	59.19	58.10	23.9	23.5	29	31	27.9	25.3	26.8	31.8	23	91	96	74	69	79	84	82.2	8.1
28..	57.93	57.99	58.89	56.68	57.64	59.21	58.06	24.1	23.5	29.4	30	27	24.6	26.4	31	23.3	90	97	71	75	81	86	83.3	.5
29..	58.32	58.74	59.71	58.06	58.64	59.84	58.88	23.7	23.6	29.1	28.6	27.5	25.3	26.3	31.4	23	91	97	76	80	80	84	84.7	.8
30..	58.25	59.07	59.40	57.79	58.14	59.11	58.63	23.9	24	30	27.9	27.3	25.6	26.4	30.9	23.4	90	96	68	84	85	88	85.2	22.4
Mean	58.13	58.37	59.13	57.23	57.79	59.20	58.31	23.8	23.7	27.7	28.2	26.6	24.7	25.8	29.4	22.9	90.3	94.4	79.7	77.9	83.7	86.8	85.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	ESE	EbyN	ENE	ENE	Calm	21.7	43.5	117.5	27.4	210.1	9	A.-Cu.	Cu.-N. ENE	4	Ci.-S.	Cu. E
2..	S	S	NbyW	NbyW	N	Calm	17.7	28.5	46.4	26.2	118.8	4	Ci.-S.	Cu. E	7	Ci.-S.	Cu. ENE
3..	SW	SW	N	ENE	E	NE	15.1	12.9	61.8	44.9	134.7	8	A.-Cu.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
4..	SW	SW	Calm	NbyW	ENE	Calm	19.6	17.9	79.5	22.8	139.8	9	A.-Cu.	Cu. ENE	5	Ci.-S.	Cu. NE
5..	NE	NbyW	N	E	SbyE	SE	41.3	48.1	19.5	22.5	131.4	10	A.-Cu.	S.-Cu. NbyW	10	Ci.-S.	N. NE
6..	SSW	Calm	Calm	ENE	NE	ESE	24.6	17.7	42.3	19.3	103.9	10	Ci.-S.	S.-Cu. E	9	Ci.-S.	S.-Cu. E
7..	SW	SW	NW	NW	ENE	Calm	19.9	20.1	23.5	37.8	101.3	5	Ci.-S.	Cu. NEbyN	8	Ci.-S.	S.-Cu. ENE
8..	E	SW	NE	NbyW	ENE	NE	19.3	21.4	53.1	30	123.8	6	Ci.-S.	S.-Cu. ESE	5	A.-Cu.	Cu. NE
9..	SW	SW	Calm	Calm	ESE	SE	19.9	25.1	21.2	16.1	82.3	10	Ci.-S.	N. NNW	10	Ci.-S.	S.-Cu. ENE
10..	SW	SW	NbyW	NbyW	WSW	SW	21.7	60.7	66.5	22.3	171.2	8	Ci.-S. SE	S.-Cu. NNW	7	Ci.-S.	Cu. N
11..	NbyW	NbyW	NW	NW	W	WSW	39.2	32.7	46.9	37	155.8	10	Ci.-S.	S.-Cu. N	10	Ci.-S.	S.-Cu. N
12..	WSW	W	WNW	W	WSW	SW	54.1	116.5	116.7	101.4	388.7	10	Ci.-S.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. WNW
13..	SW	WSW	SW	WSW	WSW	SW	110.7	107.3	90.1	43.5	351.6	10	A.-Cu.	S.-Cu. WNW	10	A.-Cu.	S.-Cu. WSW
14..	SW	W	W	W	WSW	S	50.2	88.2	69.5	16.3	224.2	7	A.-Cu.	S.-Cu. WSW	2	Ci.-S.	Cu. WSW
15..	SW	SW	WNW	WNW	W	S	16.3	32.2	50.1	19.6	118.2	2	Ci.-S.	Cu.	2	Ci.-S.	W Cu.
16..	S	Calm	NNE	NbyW	E	ESE	19.8	21.9	26.4	24.7	92.8	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
17..	S	Calm	N	NbyW	ENE	ESE	16.7	71.1	109.4	31.4	228.6	10	Ci.-S.	S.-Cu. N	9	A.-Cu.	S.-Cu. NE
18..	SE	S	ENE	N	EbyN	ENE	18.3	25.9	70.8	44.5	159.5	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. ENE
19..	S	SSW	SbyW	N	ENE	S	24.1	32.8	76.4	42.6	175.9	6	A.-Cu. NE	S.-Cu.	6	A.-Cu.	Cu. NE
20..	S	E	NbyW	NE	EbyN	Calm	19.9	23.5	58.7	45.1	147.2	6	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
21..	S	S	SSW	Calm	EbyN	S	33.6	11	26.2	30.8	101.6	9	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	S.-Cu. NE
22..	SW	SW	Calm	ENE	N	SE	37	16.4	39.7	26.6	119.7	10	Ci.-S.	Fr.-N. E	10	Ci.-S.	S.-Cu. NE
23..	Calm	SSW	ENE	ENE	ENE	Calm	13.4	23.6	70.8	32.4	140.2	4	Ci.-S.	S.-Cu. NE	6	A.-Cu. E	Cu.
24..	Calm	Calm	ESE	ESE	ESE	Calm	8.9	37.6	93	27.7	167.2	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. ENE
25..	Calm	ESE	ENE	ENE	ESE	ENE	21.9	26.4	49.9	49.4	147.6	8	Ci.-S.	S.-Cu. ESE	9	A.-Cu.	S.-Cu. E
26..	Calm	SSE	ENE	EbyN	E	NE	11.8	58.1	77.2	24.7	166.8	5	A.-Cu. ESE	Cu.	10	A.-Cu.	N. E
27..	SE	SSE	ENE	E	ENE	Calm	10.3	35.7	71.3	43.5	160.8	7	A.-Cu.	S.-Cu. EbyN	4	Ci.-S. NW	Cu.
28..	SE	Calm	ESE	E	E	S	8.2	42.8	74	21.7	146.7	5	A.-Cu. ESE	Cu.	3	.....	Cu. ENE
29..	SW	WSW	EbyN	N	EbyN	SE	11.8	31.9	83.5	33.3	160.5	7	Ci.-S.	Cu. WSW	5	A.-Cu.	Cu. ENE
30..	Calm	Calm	E	SE	ENE	Calm	11.6	38	66.8	26.6	143	4	.....	Cu. E	9	A.-Cu.	S.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	25.3	38.8	63.3	33.1	160.5	7.5	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,813.9	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.29	58.38	58.91	57.14	57.19	58.33	58.04	24.1	23.5	28.4	28.2	27	26.1	26.2	30.4	23.2	92	97	78	82	88	91	88	13.7
2..	57.62	57.42	58.32	57.41	57.62	58.38	57.80	24.3	24.1	28	25.5	24.5	23.7	25	28.7	23	94	97	78	91	95	96	91.8	19.4
3..	57.56	57.64	58.57	56.67	57.60	59.06	57.85	23.1	23.5	29.1	29	26.4	24	25.8	29.4	22.4	97	97	80	78	88	91	88.5	30.2
4..	58.13	58.88	59.92	58.01	58.91	59.66	58.92	23.5	23.9	28	29.5	26.7	24.7	26	30.4	23.2	93	96	77	78	83	87	85.7	1.3
5..	59	59.34	59.90	57.79	58.38	59.34	58.96	23.6	23.5	29	30	28	26	26.7	31.4	22.9	91	97	74	75	81	84	83.7	3.6
6..	57.99	58.03	58.11	56.34	57.28	58.70	57.74	25.3	26.5	29.9	26.9	25.5	25.1	26.5	30.7	24.5	88	91	75	86	91	92	87.2	5.1
7..	57.47	58.03	58.29	56.01	56.75	57.76	57.38	24.2	24	29.5	28.6	27.8	25.1	26.5	31.4	23.5	94	96	74	80	85	88	86.2	.....
8..	56.51	56.74	57.82	55.52	56.33	57.23	56.69	24.4	25	26.6	27.5	26.5	24.9	25.8	28.1	24.2	91	95	88	84	88	91	89.5	7.4
9..	56.32	57.12	57.79	55.76	56.75	58.68	57.07	24.8	24.9	28.6	30.5	27.6	25.7	27	30.9	24.3	94	97	81	75	84	88	86.5	1
10..	57.68	58.17	58.91	56.74	57.88	59.31	58.12	25.1	24.1	30	31.9	28	25.1	27.4	31.9	23.6	92	97	71	70	81	83	82.3	.....
11..	58.30	58.29	58.32	56.85	57.43	58.95	58.02	24.3	26	26.7	27.5	26	24	25.8	28.4	23.3	87	92	90	88	93	94	90.7	87.4
12..	57.83	57.85	58.69	56.89	57.29	58.13	57.78	24.1	24	24.9	25.8	26	25.1	25	26.1	23.8	96	97	96	89	92	94	94	6.6
13..	57.53	57.72	58.86	57.35	58.39	59.66	58.25	24.1	24	29	27.5	25.6	24.1	25.7	30.3	23.3	97	98	78	86	89	91	89.8	6.1
14..	59.22	59.32	59.61	57.86	58.88	60.17	59.18	23.1	23.5	28.6	29	27.6	24.7	26.1	31.1	22.8	94	97	78	74	84	87	85.7	5.1
15..	58.87	59.42	59.64	57.61	57.75	59.26	58.76	24	23.5	29.2	28.7	28	25	26.4	30.9	22.8	91	96	76	80	79	83	84.2	.....
16..	58.08	58.18	58.79	56.70	57.24	57.95	57.82	24	24	28	29	28	24.9	26.3	29.8	23.3	89	95	80	78	77	82	83.5	.....
17..	56.73	57.08	57.73	55.70	56.74	57.89	56.98	24.1	24	28	28.5	25.6	24.5	25.8	28.8	23.3	88	96	82	81	90	92	88.2	21.8
18..	57.25	57.52	58.15	56.39	57.65	58.94	57.65	24	23.5	28	28.2	27.5	24.4	25.9	29.8	23.3	95	97	79	80	83	87	86.8	.....
19..	57.79	58.44	58.71	56.71	57.15	58.57	57.90	23.5	23.1	28.7	30	28.3	24.7	26.4	31.8	22.6	91	96	79	71	77	83	82.8	.....
20..	57.88	58.09	58.98	56.97	57	58.17	57.85	23.9	23.7	24.4	28.7	28	24.8	25.6	29.9	22.9	90	97	91	79	77	82	86	16.3
21..	56.95	57.43	58.42	56.59	57.09	58.63	57.52	24.2	23.9	28.2	29	27.9	24.7	26.3	30.3	22.8	88	96	83	71	78	82	83	.....
22..	57.97	58.12	58.87	57.14	57.30	58.96	58.06	23.6	23.4	28.5	30	28.5	23.6	26.3	30.9	22.5	87	92	74	67	71	76	77.8	.....
23..	58.19	58.32	58.84	56.48	56.43	58.28	57.76	23.3	23.5	29	31	29.3	23.5	26.6	31.8	22.7	85	95	75	56	75	78	77.3	.....
24..	57.91	58.14	58.46	56.36	56.48	58.12	57.58	22.3	22.9	29.4	30.6	28.1	24.5	26.3	31.9	21.9	84	92	71	58	77	82	77.3	.....
25..	57.73	57.64	58.71	57.01	57.19	59.41	57.95	23.7	23.5	30	30.5	28	25.5	26.9	31.4	22.9	88	94	72	64	81	84	80.5	.....
26..	58.59	58.77	59.65	57.64	57.70	59.65	58.67	24.8	24.6	31.3	30.2	28.7	24.7	27.4	31.9	23.9	89	94	60	74	77	81	79.2	.....
27..	59.04	59.22	59.76	57.42	58.44	59.97	58.98	24.4	24.5	30.5	31.3	28.9	25.8	27.6	32.1	23.6	87	92	70	57	78	82	77.7	.....
28..	59.35	59.62	59.38	57.02	57.88	59.55	58.80	24.7	25	31	30.8	29.4	26.6	27.9	32	23.8	87	92	69	69	75	81	78.8	.....
29..	58.78	58.81	59.29	57.48	58.15	59.94	58.74	25.3	24.1	30.2	32	28.8	25.5	27.6	33.1	23.8	88	96	73	65	79	83	80.7	.....
30..	59.22	59.76	59.91	57.66	58.73	59.74	59.17	24.9	25	29.4	29.8	29.5	25.6	27.4	31.9	24.3	88	95	68	73	77	81	80.3	.....
31..	59.13	59.42	59.63	57.72	58.21	59.56	58.94	24.1	23.9	29.9	32	28	25	27.2	32.4	22.9	86	92	72	64	77	82	78.8	.....
Mean	58.03	58.29	58.87	56.93	57.54	58.90	58.09	24.1	24.1	28.7	29.3	27.5	24.9	26.4	30.6	23.3	90.4	95.2	77.2	74.9	82.3	85.7	84.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	225

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	S	E	N	NNE	NE	16.6	34.9	51	35.9	138.4	5	Ci.-S. SW	Cu. NE	8	Ci.-S.	Cu. ENE
2..	SE	S	SE	Calm	S	Calm	17.7	46.4	23.1	7.2	94.4	9	A.-Cu.	s.-cu. ENE	10	Ci.-S.	N. E
3..	SSE	S	EbyN	N	S	S	16.3	42.1	38.6	23	120	9	Ci.-S.	s.-Cu. EbyN	10	A.-Cu.	N. E
4..	S	S	ENE	EbyN	ESE	Calm	18.8	23.5	87.2	35.7	165.2	9	A.-Cu.	S.-Cu. E	8	A.-Cu.	Cu. E
5..	Calm	SE	E	N	EbyN	ESE	15.1	41.6	96.6	56.3	209.6	9	A.-Cu. SE	S.-Cu. E	7	Ci.-S.	Cu. ENE
6..	ESE	EbyN	E	ESE	SE	SSE	29	92.8	95.3	39.7	256.8	5	A.-Cu.	Cu. ENE	9	Ci.-S.	S.-Cu. E
7..	SSE	SSW	E	N	Calm	NNE	15.9	38.9	40.8	11.3	106.9	8	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu. E
8..	ENE	Calm	Calm	N	ESE	Calm	24.7	14.2	37.6	12.3	88.8	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
9..	SE	S	N	E	ESE	Calm	10.2	15.9	67.6	13.7	107.4	10	A.-Cu. E	S.-Cu.	6	A.-Cu. SE	Cu.
10..	SSE	S	E	EbyN	ENE	ESE	13.5	52	61.7	14	141.2	5	Ci.-S.	s.-cu. ENE	7	Ci.-S.	Cu. E
11..	Calm	E	Calm	ESE	Calm	ESE	15.5	24.7	24.7	20.3	85.2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. ENE
12..	N	N	Calm	ENE	ENE	Calm	49.9	35.4	63.8	15.8	164.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	S.-Cu. NE
13..	SSE	SSW	E	ENE	ESE	Calm	11.1	52.6	74.8	16.9	155.4	8	A.-Cu.	s.-cu. ENE	10	Ci.-S.	S.-Cu. E
14..	SE	SW	ENE	N	ENE	ENE	21.2	26.8	60.9	35.9	144.8	10	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu. ENE
15..	Calm	ENE	ENE	NbyW	NE	Calm	11.6	25.5	45.1	23.1	105.3	9	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu. ENE
16..	ENE	Calm	NbyW	NbyW	ENE	SE	18.2	42.3	62.8	16.9	140.2	3	Ci.-S.	Cu. NE	6	Ci.-S.	Cu. NE
17..	SE	S	Calm	ENE	Calm	Calm	15.5	8.9	11	10.7	46.1	7	Ci.-S.	S.-Cu. SE	10	Ci.-S.	S.-Cu. ENE
18..	Calm	ESE	ENE	E	E	Calm	12.3	45.4	54.1	19.1	130.9	5	Ci.-S.	Cu. ENE	9	Ci.-S.	S.-Cu. NE
19..	S	SSW	EbyN	ENE	ENE	Calm	23.6	17.7	84.8	21.1	147.2	4	A.-Cu. E	Cu.	2	Ci.-S.	Cu. ENE
20..	Calm	Calm	NE	NbyW	EbyN	ENE	9.2	19.3	44.3	26.4	99.2	1	.....	Cu.	4	A.-Cu.	Cu. N
21..	SE	S	NbyW	N	N	N	20.7	28.2	48.6	21.7	119.2	3	A.-Cu. ENE	Cu.	3	Ci.-S. SE	Cu.
22..	SW	SW	NNW	NbyW	WNW	WSW	20.9	29	28.5	14.8	93.2	2	Ci.-S.	Cu.	3	Ci.-S. SE	Cu.
23..	Calm	WSW	NNW	NW	W	SW	16.4	23.1	31.4	19.1	90	2	.....	Cu. NE	2	Ci.-S.	Cu.
24..	SW	SW	N	WNW	WNW	WSW	21.4	24.3	32.5	19	97.2	6	Ci.-S. ENE	Cu.	6	Ci.-S. E	Cu.
25..	SW	SSW	ENE	WNW	WSW	Calm	23.9	22.3	19.1	17.7	83	6	Ci.-S. E	Cu.	9	Ci.-S. E	Cu.
26..	SW	Calm	SW	WNW	W	SSW	19	52.6	52.1	17.7	141.4	2	Ci.-S.	Cu.	4	Ci.-S.	Cu. WSW
27..	SSW	SSW	ENE	NW	Calm	SW	22.8	32.8	51.3	16.3	123.2	3	Ci. E	Cu.	2	Ci.-S.	Cu.
28..	SW	Calm	ENE	N	Calm	Calm	20.3	34.9	13.7	20.3	89.2	3	A.-Cu. ENE	Cu.	4	Ci.-S. SE	Cu.
29..	ENE	Calm	NE	E	ENE	Calm	15.9	24.4	82.6	23.5	146.4	6	Ci.-S. SE	Cu.	4	Ci.-S. E	Cu.
30..	Calm	WSW	N	NNW	ENE	SE	14.3	30.1	37.6	13.9	95.9	7	Ci.-S.	S.-Cu. NW	3	Ci.-S.	Cu.
31..	SSW	SSW	N	EbyN	EbyN	ESE	21.7	25.4	77.9	24.1	149.1	6	Ci.-S. NE	Cu.	9	Ci.-S.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	18.8	33.2	51.6	21.4	125	6.2	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,875.7	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.91	59.67	59.96	58.49	58.96	59.21	59.20	23.8	23.1	27.6	28	26.5	24.5	25.6	30	22.8	88	95	69	77	88	91	84.7	15.2
2..	58.56	59.30	59.11	57.60	58.11	59.39	58.68	23.7	23.6	27.3	27.6	26.5	24.1	25.5	28.8	23	94	97	79	75	86	88	86.5	.3
3..	57.97	58.28	58.51	56.36	57.49	58.75	57.89	23.1	23	29	29.5	26.5	23.9	25.8	30.4	22.4	91	95	69	73	80	84	82	13.5
4..	57.22	57.88	58.42	56.65	57.22	58.50	57.65	22.9	23.6	27.9	27.3	26.5	24.8	25.5	28.5	22.8	89	95	77	78	86	89	85.7	.....
5..	57.33	57.26	58.20	56.40	57.02	58.76	57.50	24.4	24	27.6	29	26	24.5	25.9	30.4	23.5	92	96	77	72	88	89	85.7	.....
6..	57.58	56.89	57.75	56.86	57.02	58.57	57.44	23.9	24	29.6	23.8	24.5	23.6	24.9	30.8	22.8	91	92	72	91	94	95	89.2	57.9
7..	58.01	58.04	58.42	56.79	58.21	59.96	58.24	23.7	23.5	28.6	30	27.3	25	26.4	31.4	22.5	95	96	73	71	82	86	83.8	.....
8..	59.09	59.03	60.09	58.54	59.24	60.72	59.45	24	23.5	28.5	27.9	27.5	24.8	26	29.8	22.8	91	96	74	80	81	85	84.5	3.3
9..	59.47	59.34	60.88	59.55	59.03	59.75	59.67	24.5	24	24.4	25.6	25	24.8	24.7	26.4	23.8	91	96	96	81	88	90	90.3	6.4
10..	58.70	58.35	58.82	57.08	57.27	58.88	58.18	23.5	24	28.6	29.8	26.6	24.3	26.1	30.4	23.1	91	92	64	62	76	81	77.7	.3
11..	57.84	58.38	59.14	57.29	57.75	59.75	58.36	24.2	24.3	27.4	29.5	27.6	24.8	26.3	30.4	23.4	87	93	81	68	80	83	82	2.1
12..	59.27	59.80	59.81	57.91	58.70	60.09	59.26	23.9	24	29	30.5	26.8	25.4	26.6	32.1	23.2	88	93	74	66	86	88	82.5	.....
13..	59.40	59.60	60.01	58.39	59.24	60.60	59.54	23.9	23.8	28.9	30.5	28	24.1	26.5	31.2	22.8	91	96	76	72	81	85	83.5	.....
14..	59.45	59.60	59.53	58.19	58.63	60.04	59.24	23.4	23.5	29.5	30.3	28.8	25.8	26.9	31	22.8	90	96	70	70	78	82	81	.....
15..	58.97	59.09	59	57.64	58.10	59.77	58.76	24.9	24	31	31.3	28.8	26.2	27.7	31.9	23.6	88	96	69	67	82	85	81.2	.5
16..	58.87	59.56	59.85	57.84	58.55	59.60	59.04	24.4	23.5	29.5	32	29	24.8	27.2	33	22.9	89	94	75	67	78	82	80.8	.....
17..	58.98	59.27	59.66	57.78	58.24	59.64	58.93	24.1	24.1	31	28	27.4	25.4	26.7	31.8	23.1	87	94	69	73	76	89	81.3	.....
18..	58.43	58.42	59.39	57.64	58.76	59.90	58.76	24.7	24	27	28.2	27	25	26	30.5	23.8	89	96	84	76	80	85	85	8.4
19..	58.96	59.31	59.34	57.98	58.60	59.77	58.99	24.5	24.1	29	30.6	27	24.7	26.6	31.3	23.6	91	96	78	70	88	90	85.5	1.8
20..	58.73	58.78	59.30	57.83	58.45	59.71	58.80	24.6	24	28.8	29.5	27.5	24.7	26.5	32.2	23.3	92	96	73	76	81	85	83.8	.....
21..	58.27	58.44	58.84	56.90	57.54	59.19	58.20	24.4	24.3	29.4	28.7	26.4	25	26.4	31.4	23.9	91	96	74	79	92	93	87.5	7.3
22..	58.23	58.06	58.15	56.41	57.23	59.19	57.88	24.7	24.3	30	30.1	28	25.2	27	31.4	23.8	95	97	71	75	81	85	84	.....
23..	57.97	58.05	58.20	56.48	57.10	58.76	57.76	23.6	22.7	30	31.9	28.6	25.5	27	32.3	22.7	90	97	68	62	75	80	78.7	.....
24..	57.32	57.89	57.92	56.05	56.59	57.88	57.28	23.8	23.4	28	29.5	27.9	26	26.4	30.4	22.7	86	94	77	68	79	78	80.3	3.8
25..	56.99	56.50	56.56	55.88	55.41	56.15	56.25	26	27	28.6	27	24.5	26.6	26.6	29.3	24.3	79	80	77	84	87	87	82.3	8.1
26..	53.77	54.02	54.81	53.19	52.87	53.77	53.74	26.6	26.2	26	25.9	26.5	25.7	26.2	27.1	24.8	87	86	91	85	81	81	85.2	41.4
27..	52.34	52.10	52.15	51.89	52.84	53.67	52.50	26.2	26	26.2	26.5	26.6	26.1	26.3	27.8	24.8	80	80	75	73	80	76	77.3	9.6
28..	52.58	52.89	54.06	52.67	52.86	54.19	53.21	26.5	27	26.6	28.5	28.5	28.2	27.6	28.9	24.8	74	71	80	66	64	71	71	1.8
29..	53.36	54.22	54.14	53.47	54.54	56.56	54.38	26.8	25.5	30.4	31	27.8	25.4	27.8	32.3	24.2	77	84	56	53	79	81	71.7	.....
30..	55.81	56.46	56.73	55.25	56.59	58	56.47	25	24.2	30.1	31	28	27.4	27.6	32.1	23.2	84	87	56	56	77	81	73.5	.....
Mean	57.61	57.82	58.22	56.70	57.27	58.62	57.71	24.5	24.2	28.6	29		27.1	25.2	26.4	30.5	23.4	88.3	92.6	74.1	72.2	81.8	84.8	82.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW	Calm	NW	N	ENE	ESE	17.1	22.5	37.2	30.4	107.2	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
2..	SSW	SSW	NbyW	NbyW	Calm	SW	23.9	23	15.1	16.9	78.9	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	S.-Cu. E
3..	SW	WSW	NbyW	NbyW	ENE	E	23.1	19.6	41	33	116.7	6	A.-Cu. E	Cu.	8	A.-Cu. SE	Cu.
4..	WSW	SW	NNE	NW	Calm	SW	20.1	31.4	45.7	14	111.2	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. W
5..	WSW	WSW	NbyE	NNW	SE	SSW	13.5	18.5	33	26.9	91.9	10	A.-Cu.	s.-cu.WSW	9	A.-Cu.	Cu. SW
6..	WSW	SSW	E	WbyS	SW	SSW	13.5	45.7	30.9	19.6	109.7	9	A.-Cu. S	S.-Cu.	10	Ci.-S.	Fr.-N. SE
7..	SW	SW	NbyW	N	ESE	SE	16.3	23.8	37.8	30.6	108.5	6	A.-Cu. SE	Cu.	5	Ci.-S.	Cu. SE
8..	SW	SW	NW	NNW	Calm	Calm	15.6	19.5	41.6	25.5	102.2	2	Ci.-S.	Cu.	6	Ci.-S.	S.-Cu. ENE
9..	SW	SW	S	Calm	WbyS	SW	25.5	22.3	15.6	22.3	85.7	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	Fr.-S. NE
10..	W	WSW	NW	WbyN	WSW	SW	26	27.4	40.8	19.8	114	8	A.-Cu. NW	S.-Cu.	10	Ci.-S.	s.-cu. WSW
11..	SW	Calm	WNW	SW	Calm	S	23.9	25.7	33.8	14.8	98.2	10	Ci.-S.	N. SW	8	A.-Cu.	Cu. SW
12..	SSW	Calm	ENE	NNW	SSE	S	15.8	17.7	25.5	18.8	77.8	8	Ci.-S. SE	S.-Cu.	4	A.-Cu.	Cu. SE
13..	S	SSW	NbyW	NbyW	Calm	S	21.4	24.4	25.2	24.3	95.3	5	A.-Cu.	Cu. E	6	Ci.-S.	Cu. E
14..	S	SSW	N	NNW	E	SE	19.5	18.3	41.3	15.9	95	4	Ci.-S.	Cu. ENE	8	Ci.-S.	Cu. E
15..	SW	WSW	ENE	EbyN	ENE	S	10.3	30.6	45.6	26.6	113.1	9	Ci.-S. E	S.-Cu. NE	9	Ci.-S. E	S.-Cu.
16..	SW	SW	NW	EbyN	ENE	S	21.9	17.9	71.6	32.2	143.6	2	Ci.-S.	Cu. NNW	3	Ci.-S. SE	Cu.
17..	S	S	NNE	ENE	Calm	SE	21.9	24.4	44.3	31.7	122.3	2	Ci.-S.	Cu.	8	Ci.-S.	S.-Cu. E
18..	Calm	S	ENE	EbyN	Calm	S	11.1	32.4	58.7	12.6	114.8	8	Ci.-S.	S.-Cu. SE	9	A.-Cu.	S.-Cu. E
19..	S	SbyE	ENE	ESE	E	Calm	11.3	28.5	65.2	12.3	117.3	6	Ci.-S.	Cu. E	9	Ci.-S.	S.-Cu. ENE
20..	S	Calm	ENE	NE	ENE	S	16.1	19.5	65	24.4	125	4	Ci.-S. SE	Cu.	9	Ci.-S.	S.-Cu. E
21..	Calm	SSW	ENE	N	N	SSE	10.5	17.2	34.1	17.9	79.7	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. NE
22..	S	S	E	NbyW	N	S	14.2	29.5	23.5	35.4	102.6	7	A.-Cu. E	Cu.	7	Ci.-S.	Cu. E
23..	S	SW	EbyN	N	ENE	SE	17.7	35.4	40.2	34.6	127.9	4	Ci.-S. E	Cu.	4	Ci.-S. E	Cu.
24..	SbyW	SSW	NW	NW	W	WSW	23.9	28.8	24.7	24.9	102.3	3	Ci.-S. NE	Cu.	6	Ci.-S.	Cu. NE
25..	WSW	WSW	WNW	W	W	WSW	61.2	104.3	79.2	68.2	312.9	8	A.-Cu.	s.-cu.WSW	10	Ci.-S.	s.-cu. WSW
26..	W	WSW	W	WNW	WSW	SW	119.4	122.6	127.4	167.8	537.2	10	Ci.-S.	N. WSW	10	Ci.-S.	s.-cu. WSW
27..	SW	WSW	WSW	WSW	WSW	SW	189.1	194.7	182.6	150.5	716.9	10	Ci.-S.	s.-cu.WSW	10	Ci.-S.	s.-cu. WSW
28..	WSW	NW	SW	WSW	SSW	SSW	177.8	127.9	99.8	74.2	479.7	10	Ci.-S.	s.-cu.WSW	10	Ci.-S.	S.-Cu. SW
29..	SSW	SSW	SW	W	W	Calm	54.5	47.5	62.6	9.7	174.3	10	Ci.-S.	s.-cu.WSW	9	Ci.-S.	S.-Cu. SW
30..	SW	Calm	SSW	WSW	WbyN	WSW	16.1	67	70.8	27.4	181.3	10	Ci.-S.	s.-cu.WSW	3	Ci.-S.	Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	35.1	42.3	52	35.4	164.8	7.3	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,943.2	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.88	58.16	58.86	57.16	57.64	58.97	58.11	25.8	25.4	28.5	31.1	28.9	24.9	27.4	31.9	24.3	84	89	75	57	74	83	77	.....
2..	58.40	58.42	58.58	57.05	57.43	58.81	58.12	24.1	24.5	29.4	30.4	28.5	25.9	27.1	31	23.8	86	92	72	62	78	80	78.3	12.7
3..	57.78	57.64	58.06	56.45	57.26	58.63	57.64	25.3	24.5	28.5	30	26.5	24.3	26.5	30.7	23.4	84	88	76	69	80	82	79.8	3.3
4..	57.25	56.77	56.69	55.49	55.61	56.70	56.42	24.6	24.2	29.3	29.3	27.5	27.2	27	30.4	24.1	85	87	64	71	70	72	74.8	.....
5..	55.18	55.30	55.70	54.69	54.75	56.55	55.36	26.4	26.5	28.6	28.1	27	25.6	27	30.8	24.8	73	76	66	70	77	78	73.3	.....
6..	55.55	55.86	56.38	55.86	56.20	57.77	56.27	26	26	27	27.8	27.1	26.6	26.8	29.4	25	79	80	74	71	76	80	76.7	2.8
7..	57.14	58.11	58.23	56.85	57.96	59.12	57.90	26.5	24.9	27.3	28.1	25	25.9	26.3	29.4	23.7	83	87	76	72	92	87	82.8	6.8
8..	57.47	57.71	58.28	56.55	56.57	56.67	57.21	25.9	26.3	27	27.5	28	27.6	27	29.4	24.2	82	78	74	66	63	64	71.2	.....
9..	56.13	56.80	56.99	55.18	55.37	56.92	56.23	27.4	28	29.1	30	28	27.7	28.4	30.6	27.1	65	67	68	56	70	69	65.8	.....
10..	56.20	56.48	56.85	55.84	56.45	57.73	56.59	27.4	27.6	31.5	31.5	28.9	27.8	29.1	32.3	27	68	66	49	47	65	69	60.7	.....
11..	57.01	57.38	57.78	56.64	56.78	58.44	57.34	27.7	25.1	31.3	32	28.4	27.5	28.7	33.2	24.7	77	83	45	52	73	79	68.2	.....
12..	58.03	58.23	58.74	57.42	57.36	59.15	58.16	24.9	24.5	31.4	31.5	29.7	26.3	28	34.2	23.5	85	92	46	53	54	63	65.5	.....
13..	58.91	58.67	58.65	57.42	57.64	58.95	58.37	24	25	31.1	31.6	30	27.9	28.3	33.9	23.8	76	92	50	54	54	61	64.5	.....
14..	58.18	58.42	58.25	57.34	57.38	58.57	58.02	27.3	26.9	32	32	29.5	27.5	29.2	33.6	26.5	71	81	49	49	58	65	62.2	.....
15..	57.35	57.64	58.48	56.64	56.71	58.18	57.50	27	26.5	32.1	31.5	29	28	29	33	26.3	74	83	51	49	55	63	62.5	.....
16..	57.44	57.80	58.61	57.53	58.06	58.95	58.06	27.6	27.5	30.5	31.5	29	25.8	28.6	33	24.9	71	81	61	51	64	69	66.2	5.1
17..	58.46	59.08	59.13	57.41	57.94	59.55	58.60	26.7	26	31.5	32.1	29.8	26.6	28.8	33.4	24.8	78	85	61	49	60	71	67.3	.....
18..	58.85	58.96	58.51	56.79	57.47	59.03	58.27	25.9	25	31.4	32.5	30	24.6	28.2	33.3	24	79	88	60	52	58	63	66.7	.....
19..	58.19	58.57	58.88	57.33	57.56	59.02	58.26	23.8	24.5	31.5	31.9	29.2	25	27.6	32.9	23.3	74	87	57	57	68	73	69.3	.....
20..	58.25	58.18	58.98	57.19	57.98	59.41	58.33	24.5	25	30.9	32.9	30	25.3	28.1	33.2	23.9	82	92	60	50	65	70	69.8	.....
21..	58.39	58.18	58.89	56.82	57.07	58.74	58.02	24	24	31	32.5	29.1	27.1	28	33.1	23.6	78	87	60	52	60	65	67	.....
22..	57.70	57.56	57.31	55.37	55.58	57.48	56.83	27.7	27.5	31	32	29	28	29.2	32.9	26.9	71	78	58	53	61	65	64.3	.....
23..	56.42	56.47	56.95	55.34	55.52	57.23	56.32	27.3	27.5	31.1	32.1	26.5	27.4	28.6	32.9	26	68	73	58	54	82	79	69	3.8
24..	56.21	55.79	56.63	55.44	56.21	57.46	56.29	27.4	27.5	30	31	28.6	28.2	28.8	32.1	26.9	76	73	62	58	71	72	68.7	.....
25..	56.55	56.55	56.68	55.64	56.45	57.69	56.59	27.7	27.5	31.6	31.5	28.4	27.9	29.1	32.1	26.9	72	73	58	54	71	74	67	.....
26..	56.94	56.79	57.16	55.59	56.29	57.81	56.76	27.2	27	31.1	32	30.6	26	29	32.8	25.8	78	80	56	52	60	65	65.2	.....
27..	57.16	57.72	57.77	56.24	56.88	58.18	57.32	26.5	25.4	29.5	30.4	29.1	25.2	27.7	32.1	24.7	76	85	65	56	71	76	71.5	2.8
28..	57.39	57.30	57.73	56.56	57.31	58.85	57.52	24.2	24.3	29.4	30.1	28.4	25.7	27	30.9	23.8	85	93	73	68	75	81	79.2	.....
29..	58.67	58.58	58.20	57.16	58.04	59.71	58.39	24.9	23.5	29.5	30	28.6	26.3	27.1	31.1	23.5	87	93	72	68	73	79	78.7	.3
30..	58.95	58.78	59.64	58.16	58.33	60.32	59.03	25.2	24	29.5	31.1	28.4	25.3	27.2	31.9	23.7	87	95	73	59	75	80	78.2	.....
31..	59.74	60.15	60.63	58.80	58.95	60.60	59.81	24	23.6	29.5	30	28.9	25.5	26.9	31.5	23	87	95	64	68	74	79	77.8	.....
Mean	57.54	57.68	58.01	56.58	56.99	58.43	57.54	26	25.7	30.1	30.8	28.6	26.5	27.9	32	24.8	78.1	83.8	62.4	58	68.6	72.8	70.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	37.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	WSW	Calm	WNW	Calm	WSW	19.6	15.8	36.4	15.1	86.9	9	A.-Cu.	NNE S.-Cu.	7	A.-Cu. NE	Cu.
2..	WSW	WbyS	NW	NW	W	WSW	26.2	18.8	29.3	15.5	89.8	5	A.-Cu.	E Cu.	8	Ci.-S. E	Cu.
3..	WSW	WSW	W	WSW	NbyW	WSW	42.1	70.8	58.9	44.5	216.3	9	Ci.-S.	E S.-Cu.	9	A.-Cu.	S.-Cu. W
4..	WSW	WSW	WbyN	SSW	WSW	SW	52.3	97.1	117.5	98.8	365.7	10	Ci.-S.	S.-Cu. W	8	A.-Cu.	S.-Cu. WSW
5..	SW	SW	W	WSW	SW	SW	111.5	109.9	123.9	122.3	467.6	10	Ci.-S.	S.-Cu. WSW	10	A.-Cu.	S.-Cu. WSW
6..	WSW	W	W	WSW	WbyS	SW	93.9	92.7	108.9	69.8	365.3	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
7..	WSW	WbyS	WSW	WbyS	WbyS	SW	75.8	85	83.9	54.1	298.8	10	Ci.-S.	S.-Cu. WbyS	10	Ci.-S.	S.-Cu. WSW
8..	SW	SW	W	WSW	WbyN	SW	119.6	125.5	102.2	120.7	468	10	Ci.-S.	S.-Cu. WbyS	10	Ci.-S.	S.-Cu. WNW
9..	WSW	WSW	WSW	SW	WSW	SSW	111.8	106.2	125.2	102	445.2	10	Ci.-S.	S.-Cu. WbyS	10	Ci.-S.	S.-Cu. WSW
10..	WSW	WSW	SW	W	WSW	SSW	77.2	96.3	104	53.7	331.2	3	Ci.-S.	Cu. NE	2	Ci.-S.	Cu. WSW
11..	WSW	Calm	SW	WbyN	W	SbyW	32.8	58.9	71.8	43.1	206.6	9	Ci.-S.	NE S.-Cu.	3	Ci.-S. NE	Cu.
12..	Calm	SW	WSW	W	SSW	Calm	16.6	31.1	52	7	106.7	10	Ci.-S.	NE S.-Cu.	4	Ci.-S. NE	Cu.
13..	Calm	Calm	WSW	NW	W	SbyW	12.3	39.7	75.6	73.4	201	7	Ci.-S.	E Cu.	6	A.-Cu. E	Cu.
14..	SW	Calm	SSW	SW	WSW	SW	49.6	50.9	82.1	42.6	225.2	7	Ci.-S.	NE Cu. WSW	1	Ci.-S.	Cu. WSW
15..	WSW	Calm	SW	W	SW	S	48.1	42.8	71.6	58.1	220.6	6	Ci.-S.	Cu. SW	9	Ci.-S. E	S.-Cu. WSW
16..	SW	W	WSW	WSW	Calm	Calm	64.2	53.9	58.2	14.2	190.5	9	Ci.-S.	S.-Cu. SW	9	A.-Cu.	S.-Cu. SW
17..	WSW	Calm	W	SW	Calm	SW	24.9	23.9	43.1	18.8	110.7	6	A.-Cu.	Cu. SW	2	Ci.-S.	Cu.
18..	SW	Calm	WbyN	WSW	WSW	SW	24.3	43.5	56.9	23.5	148.2	3	Ci.-S.	Cu. SW	2	Ci.-S.	Cu. SW
19..	SW	Calm	SW	W	WbyN	SbyE	22.2	42.1	61	18.7	144	3	Ci.-S.	Cu. SW	6	Ci.-S. E	Cu.
20..	SW	Calm	SW	WNW	Calm	SSW	15.3	40.2	50.2	21.9	127.6	5	Ci.-S.	S.-Cu. SW	3	Ci. E	Cu.
21..	SW	WbyS	W	WSW	Calm	SW	18.3	52.8	69.2	27.4	167.7	2	.....	Cu. WSW	1	.....	Cu. WSW
22..	WSW	WSW	W	WbyS	SW	SW	62.8	74	81	47	264.8	4	.....	Cu. WSW	2	Ci.-S.	Cu. WSW
23..	WSW	WSW	WSW	SSW	SW	SSW	69.5	76.1	76.6	52.9	275.1	8	Ci.	Cu. WSW	2	Ci.-S.	Cu. SW
24..	SW	SW	WSW	W	WbyS	WSW	84.2	85.6	95	83.7	348.5	9	A.-Cu.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
25..	WSW	WSW	SW	SSW	SbyW	WNW	58.1	61	69.8	60.6	249.5	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S. NE	S.-Cu.
26..	WSW	WSW	WSW	SW	Calm	SSW	52.6	45.6	63.6	15.3	177.1	10	A.-Cu.	S.-Cu. WSW	8	Ci.-S. NE	S.-Cu.
27..	W	Calm	WSW	SW	Calm	SW	19.6	20.6	44.1	15.5	99.8	10	Ci.-S.	S.-Cu. SW	10	Ci.-S. NE	S.-Cu. SW
28..	SW	S	NbyW	NbyW	NbyW	SW	27.4	30.8	16.3	16.6	91.1	8	A.-Cu.	SSW S.-Cu.	9	Ci.-S.	S.-Cu. SW
29..	SW	SSE	ENE	NNW	Calm	SW	28.8	28.4	26.9	22.5	106.6	10	Ci.-S.	NE S.-Cu.	9	Ci.-S.	S.-Cu. S
30..	SW	SW	ENE	NNW	Calm	S	23.5	25.2	29.3	14.2	92.2	6	Ci.-S.	NE Cu.	7	A.-Cu.	Cu. SE
31..	SSW	SSW	NbyW	NW	Calm	WSW	15.5	34.4	36.4	11.1	97.4	6	Ci.-S.	NE Cu.	8	Ci.-S. E	Cu.
Mean	.....	.....	.....	.....	.....	.....	48.4	57.4	68.4	44.7	218.9	7.5	.....	.....	6.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,785.7	...	.....	.....	...	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.29	59.77	60.01	58.32	58.56	60.20	59.52	24.3	23.6	30.1	30.8	28	25.3	27	31.9	23.1	86	93	64	60	81	84	78	.....
2..	59.20	59.01	59.74	57.75	58.46	59.75	58.98	24	23.9	30.5	31.3	28.5	26.4	27.4	31.5	23.4	86	90	63	59	78	80	76	1.5
3..	58.66	59.07	60.31	58.39	58.90	60.82	59.36	24.3	25.1	31.1	30.5	29.4	26	27.7	31.4	23.9	83	88	62	61	74	79	74.5	1.8
4..	59.72	60.02	60.41	58.23	59.13	60.45	59.66	25	24.5	30.2	31.9	28	25.2	27.5	32.9	23.9	86	92	62	57	77	81	75.8	.....
5..	59.27	59.20	59.49	57.75	58.45	59.43	58.93	23.9	23.8	31	31	28.5	26.7	27.5	32.3	23.3	86	91	64	62	74	75	75.3	.....
6..	58.60	58.74	59.80	57.33	57.48	58.94	58.48	27.3	27.1	27.5	30.8	28.4	27.1	28	31.3	25.4	78	80	88	62	75	74	76.2	2.5
7..	57.80	58.06	58.54	57.63	58.14	59.66	58.30	27.4	27.2	29.1	29.7	27.8	26.5	28	30.4	23.4	73	73	70	60	71	76	70.5	.5
8..	58.22	58.47	59.07	57.36	58.79	59.57	58.58	25.8	25	26.6	28.7	23	23	25.4	29.4	22.8	82	89	87	69	97	97	86.8	19.3
9..	58.36	57.74	58.60	56.84	58.02	58.79	58.06	25	24	29.2	28.9	24.5	24.6	26	30.3	23.5	96	94	75	71	90	87	85.5	4.3
10..	57.21	57.11	58.06	56.38	56.97	57.92	57.28	25.3	26.1	29.5	30	28	27.1	27.7	30.8	23.7	85	82	64	62	71	71	72.5	.3
11..	57.45	57.18	58.26	56.70	57.56	59.18	57.72	26.5	26.8	27.6	31	27.8	27.3	27.8	31.4	25.3	71	72	73	59	71	78	70.7	.....
12..	57.92	58.16	58.64	56.74	57.85	59.28	58.10	25.2	24	30.1	32	29	24.9	27.5	33.3	23.4	83	91	67	52	71	76	73.3	2.1
13..	58.22	57.96	58.62	57.19	57.66	59.11	58.13	24.2	23.5	29.8	29.9	29	25.5	27	31.4	23.2	83	91	66	68	71	77	76	.....
14..	58.30	58.77	59.50	57.41	58.45	59.42	58.64	24.4	24	29.5	30.4	27.1	25.1	26.8	31.8	23.5	85	93	72	71	73	79	78.8	1.3
15..	58.66	59.09	60.11	57.90	59.63	59.87	59.04	25.5	23.4	23.3	28.2	26.5	23.6	25.1	28.8	22.9	85	91	94	78	80	81	84.8	11.9
16..	58.97	58.89	59.20	57.49	58.32	59.84	58.78	23.5	23.9	28.4	29.4	28	24.7	26.3	30.4	23.2	85	88	70	70	77	80	78.3	.5
17..	59.02	59.11	59.72	57.49	57.56	58.91	58.64	24.1	24.6	27.5	29.2	27.6	26.4	26.6	30.3	23.5	85	91	81	70	79	79	80.8	17
18..	57.80	57.68	57.90	56.25	56.69	58.61	57.49	26.3	26.9	29	29	27.5	27.4	27.7	30	25.2	79	80	71	71	78	80	76.5	.8
19..	57.11	57.30	58.50	56.68	57.25	59.15	57.66	27.1	26.5	29.6	29.4	27.6	26.2	27.7	30.3	24.9	81	82	70	67	77	76	75.5	6.6
20..	58	58.25	59.30	57.85	57.72	58.97	58.35	25.9	26.3	26.5	27.5	26.9	26.8	26.6	27.9	25.5	75	74	77	73	77	80	76	.....
21..	57.68	58.31	59.03	57.93	58.07	58.94	58.33	26.2	26	29.5	29.7	27.4	27.1	27.6	31.9	25.6	82	83	70	67	73	75	75	.....
22..	57.69	57.92	58.95	57.46	57.71	58.71	58.07	27.3	27	28.6	30.5	27.5	27.3	28	30.5	26.8	77	80	70	65	73	75	73.3	.....
23..	57.97	57.73	58.51	57.01	56.66	58.11	57.66	27.2	27	29.8	30.5	28.2	27.8	28.4	30.9	26.8	76	77	62	65	69	73	70.3	.....
24..	57.16	56.81	57.26	55.85	56.39	57.82	56.88	27.5	27.5	30	30	28.5	27.5	28.5	31.3	27.2	77	81	67	62	67	70	70.7	.....
25..	57.15	57.27	57.58	56.71	56.91	57.86	57.25	27.2	27	30.9	32.3	29.3	27.5	29	32.9	25.4	75	78	57	50	60	66	64.3	.....
26..	57.52	57.59	58.75	56.98	57.48	58.60	57.82	27.5	27	29.4	29.5	28.1	26.8	28	30.9	25.4	73	80	72	74	77	80	76	2.5
27..	57.69	57.68	58.39	56.58	56.91	57.89	57.52	24.9	25.5	29.5	31.2	28.5	27.6	27.9	31.6	24.1	83	87	68	58	71	79	74.3	61.2
28..	57.51	58.03	58.07	56.39	57	58.79	57.63	27.6	24.2	27	30.5	27.8	27.7	27.5	30.9	23.8	87	96	84	68	75	79	81.5	10.7
29..	58	58.32	59.16	57.71	58.32	59.61	58.52	27.1	26.4	29	29.5	27.9	27.4	27.9	30.9	25.8	82	85	68	67	78	79	76.5	.....
30..	58.89	59.17	59.56	58.09	58.07	59.89	58.94	27.3	26.6	29	29.5	27.6	26.2	27.7	30.4	26.1	81	82	70	64	76	78	75.2	.5
31..	58.78	58.38	58.96	57.58	58.11	59.71	58.59	26.4	26.6	28.8	29.5	28.8	26.9	27.8	31.6	25	81	83	69	68	71	75	74.5	5.6
Mean	58.22	58.28	58.97	57.29	57.81	59.15	58.29	25.8	25.5	29	30.1	27.8	26.3	27.4	31	24.5	81.5	85.1	70.9	64.8	75.2	78	75.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	NbyW	WNW	W	SW	21.4	24.4	47.8	22.3	115.9	2	Ci.-S.	Cu.	3	A.-Cu. NE	Cu.
2..	SW	SW	WSW	NW	NbyW	Calm	27.2	47.5	74	28	176.7	8	A.-Cu. S.-Cu. NNW		6	Ci.	Cu. N
3..	SW	WSW	SSW	NW	W	SW	24.3	46.2	60.2	13.5	144.2	7	A.-Cu. NE	Cu.	3	Ci.-S.	Cu. E
4..	SW	SW	WSW	W	W	Calm	25.4	53.4	69.2	12.6	160.6	8	A.-Cu. E	S.-Cu.	3	Ci.-S.	Cu. WSW
5..	SW	WbyS	W	WNW	WSW	Calm	10.7	31.6	57.6	15.3	115.2	8	A.-Cu.	S.-Cu. NW	6	Ci.-S. E	Cu. W
6..	WSW	WSW	WbyS	WSW	WSW	WSW	50.7	63.9	81.1	19.1	214.8	10	Ci.-S.	S.-Cu. WNW	6	Ci.-S.	Cu. WSW
7..	WSW	W	WbyS	WbyS	WSW	SW	72.4	88.8	62.6	29	252.8	10	A.-Cu. SE	S.-Cu.	10	Ci.-S. NE	S.-Cu.
8..	WSW	WbyS	WSW	WNW	W	SW	33.6	27.7	76.7	15	153	10	Ci.-S.	N. W	10	Ci.-S.	S.-Cu. wsw
9..	W	W	WNW	WNW	WbyS	SW	23.6	60	69	49.4	202	9	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. wsw
10..	SW	WSW	SbyW	WSW	WbyS	SSW	42.4	74	78.6	66.3	261.3	10	Ci.-S.	S.-Cu. WSW	10	A.-Cu.	S.-Cu. wsw
11..	SW	WSW	WSW	W	WSW	WSW	88.5	72.4	86.9	52	299.8	10	Ci.-S.	S.-Cu. sw	8	A.-Cu.	Cu. SW
12..	WSW	WSW	Calm	W	ESE	SW	11.9	32.7	51.5	19.3	115.4	8	Ci.-S.	S.-Cu. sw	6	Ci.-S.	Cu. SW
13..	Calm	SW	N	NW	Calm	S	16.4	25.4	32	15.9	89.7	9	A.-Cu. SE	Cu.	8	A.-Cu.	Cu. WSW
14..	S	SW	ESE	NbyE	SW	S	18.5	23.6	24.1	23	89.2	10	A.-Cu. N	S.-Cu.	6	Ci.-S.	Cu. SW
15..	WSW	WSW	SW	NW	WbyN	Calm	47.8	21.4	16.1	15.9	101.2	10	Ci.-S.	S.-Cu. WNW	7	A.-Cu. ENE	Cu.
16..	SW	Calm	WNW	WNW	Calm	Calm	25.5	40.5	51.3	11.1	128.4	10	Ci.-S.	S.-Cu. ENE	4	A.-Cu. SE	Cu.
17..	SSW	WSW	SW	W	Calm	WNW	27.9	39.6	70.3	23	160.8	10	Ci.-S.	S.-Cu. WSW	4	A.-Cu.	Cu. WbyS
18..	W	W	WSW	WSW	SW	SW	63.1	96.3	95	69.5	323.9	7	A.-Cu.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. wsw
19..	WSW	WSW	WSW	WbyS	W	SW	91.1	77.5	79.7	66.8	315.1	10	Ci.-S.	S.-Cu. WSW	8	Ci.-S. SE	S.-Cu. SW
20..	WSW	WSW	WSW	W	WSW	W	93.3	90.1	98.5	61.2	343.1	10	A.-Cu.	S.-Cu. sw	10	Ci.-S.	S.-Cu. wsw
21..	SSW	Calm	WSW	WbyN	W	SW	23.5	64.7	69.2	61.7	219.1	10	Ci.-S.	S.-Cu. WSW	9	A.-Cu.	Cu. WSW
22..	WSW	WSW	SW	WSW	W	SW	75.8	78.3	118.5	74.6	347.2	9	A.-Cu.	Cu.-N. WSW	9	Ci.-S.	Cu. WSW
23..	W	W	WNW	WSW	SSW	WSW	77.2	104.6	99.2	67.3	348.3	7	A.-Cu.	S.-Cu. WSW	9	A.-Cu.	S.-Cu. wsw
24..	W	WSW	SSW	SW	WSW	WSW	59.5	71.8	75.1	50.9	257.3	10	A.-Cu.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. SW
25..	WSW	WSW	WSW	SW	WSW	Calm	44.6	62.8	59.8	18.7	185.9	7	A.-Cu.	S.-Cu. WSW	8	Ci.-S. E	Cu.
26..	SW	WSW	NW	WNW	WNW	Calm	49.4	52.3	54.2	15.5	171.4	7	A.-Cu. NE	S.-Cu. WSW	10	Ci.-S.	S.-Cu. WSW
27..	WSW	WSW	WSW	WSW	W	WSW	31.2	55.2	77.2	55	218.6	9	A.-Cu. N	S.-Cu.	4	Ci.-S.	Cu. WSW
28..	W	W	SW	SW	WSW	SW	64.9	55.5	66	50.9	237.3	10	Ci.-S.	Fr.-N. WSW	9	A.-Cu.	S.-Cu. WSW
29..	WSW	WSW	WSW	WSW	SW	SSW	60.6	59.2	83.4	65	268.2	10	Ci.-S.	S.-Cu. WSW	9	A.-Cu.	S.-Cu. WSW
30..	WSW	WSW	SW	WSW	WbyS	SW	60.2	44.1	42.9	26.9	174.1	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. wsw
31..	WSW	W	WSW	W	Calm	SSW	38	64.4	62.5	30	194.9	10	A.-Cu.	S.-Cu. WSW	9	A.-Cu. NW	S.-Cu. wsw
Mean	.....	.....	.....	.....	.....	.....	45.2	56.4	67.4	36.9	206	8.9	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,385.4	....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.48	58.28	59.80	57.82	58.31	60.31	58.83	25.2	26	29.3	31	28.5	25.5	27.6	31.8	24.7	78	84	70	56	71	73	72	0.5
2..	59.21	58.95	59.91	57.70	57.98	59.36	58.85	26.7	26.4	30.5	31.5	28.5	28.8	28.6	32	25.3	80	81	63	54	74	75	71.2	.....
3..	58.29	58.01	58.66	56.44	56.73	58.67	57.80	27.9	27.5	30.5	31	28.5	27.1	28.8	31.8	26.4	77	78	62	55	70	68	68.3	.3
4..	56.79	56.66	57.46	55.49	55.46	56.69	56.42	27.8	27.9	30.4	30.5	29.1	28.5	29	31.9	26.9	69	68	65	59	60	63	64	.....
5..	55.55	55.57	56.74	54.99	55.53	57.06	55.91	28	28.2	31.6	31.1	29	27.9	29.3	32.4	27.8	66	69	51	50	64	62	60.3	.....
6..	56.23	56	56.78	55.55	56.06	56.96	56.26	28.5	29	30.4	31	29.5	28.7	29.5	31.9	27.9	61	60	55	58	65	69	61.3	.....
7..	56.65	56.84	56.80	55.49	55.93	57.53	56.54	28.1	27.6	31.8	32.2	29.2	28.3	29.5	32.9	27.2	74	79	55	54	69	70	66.8	.....
8..	56.28	56.86	57.14	55.81	56.30	57.98	56.73	28.1	28.1	31.5	31.5	28.9	28.2	29.4	32.4	27.7	72	74	56	53	68	67	65	.....
9..	57.54	57 70	58.25	56.73	57.74	58.95	57.82	27.7	28.5	30.5	30.6	28	28	28.9	32.4	27	66	66	64	61	74	70	66.8	.....
10..	58.67	58.30	58.84	57.18	57.76	59.55	58.38	27.5	28	31.8	31.6	29	28.7	29.4	33.1	26.9	66	64	50	54	68	73	32.5	.....
11..	58.48	58.93	59.73	57.88	58.14	59.89	58.84	27.7	26.7	32.1	32.5	29.2	26.1	29	32.8	24.6	78	83	53	52	66	73	67.5	.....
12..	59.42	59.87	60.20	58.13	58.53	60.72	59.48	23.7	23.8	30.1	31	29.4	25.4	27.2	32.9	23.2	81	91	68	65	62	80	74.5	.....
13..	60.06	59.90	60	57.77	59.22	60.79	59.62	24.4	23.9	30.1	31.9	29	26.5	27.6	32.9	23.5	85	91	68	55	74	86	76.5	.....
14..	59.72	59.89	60.55	58.67	59.36	61.26	59.91	26	24.4	31.2	31.4	28.2	25.4	27.8	32.7	24.2	78	94	62	65	76	87	77	.3
15..	59.99	60.31	60.93	58.68	59.58	61.27	60.13	24.9	24.7	30.9	31.7	28.4	24.9	27.6	32.8	24.1	90	85	61	56	71	83	74.3	.....
16..	59.32	59.58	60.38	58.09	59.24	61.41	59.67	23.7	24	31	31.8	28.4	24.6	27.2	32.7	23.3	91	92	59	54	70	84	75	.....
17..	59.77	60.57	61.10	58.18	58.86	60.48	59.83	23.9	23.9	30.4	30.2	28.4	25.9	27.1	31.8	22.8	87	90	66	65	77	88	78.8	.....
18..	59.30	60.27	61.18	58.75	59.58	61.25	60.06	24.5	24.9	30	30	28	24.4	27	31.3	24	93	88	63	64	77	88	78.8	.....
19..	60.05	60.78	60.76	58.80	59.78	60.80	60.16	23.9	24.2	30.7	31.5	28.2	25.6	27.4	32.3	23.5	91	93	64	59	76	84	77.8	.8
20..	59.11	58.61	59.24	57.03	57.25	58.97	58.37	25.5	26.3	27.4	27.4	26.1	26	26.4	30.3	23.7	88	86	83	81	85	84	84.5	22.4
21..	58.01	57.25	58.43	56.29	57.22	58.27	57.58	23.8	24.2	28.2	29	27.4	27.4	26.7	30	23.6	92	93	77	71	78	78	81.5	2.3
22..	57.81	57.90	59.15	57.01	57.54	58.99	58.07	26.6	26.4	27.5	30.2	27.5	27.5	27.6	31.3	26.2	83	84	75	65	76	78	76.8	.....
23..	57.94	58.41	59.01	57.24	58.39	59.73	58.45	26.9	27	31.1	31	28	25.5	28.2	32	25.4	81	78	65	61	71	85	73.5	1.5
24..	58.40	59.35	60.41	58.52	59.73	60.10	59.42	25.6	24.2	30	30	26.5	24.9	26.9	31.8	23.9	84	94	62	70	77	92	79.8	.5
25..	59.87	60.53	60.96	58.67	59.31	60.86	60.03	24	23.4	29.5	30.4	28.3	26	26.9	31.2	23.1	90	96	75	68	79	91	83.2	.....
26..	59.50	60.46	60.93	58.68	59.11	60.18	59.81	24.6	24.3	29.4	29	28.4	25.2	27	31	23.8	90	97	75	68	77	93	83.3	9.9
27..	59.05	59.90	60.17	58.14	58.79	59.96	59.34	24.4	24.5	27.2	25	25.4	24.1	25.1	28.3	23.4	91	96	84	96	96	97	93.3	36.1
28..	58.32	58.88	58.56	56.06	57.11	57.92	57.81	23.6	24.5	29.4	30.7	27.7	27.4	27.2	30.9	23.3	94	97	74	67	79	83	82.3	2
29..	55.91	57.16	57.12	54.64	55.66	57.36	56.31	25.2	26	28	29.4	27.5	27.6	27.3	30.1	24.7	85	90	77	75	84	79	81.7	1.5
30..	55.43	56	56.84	55.09	56.34	57.79	56.25	25.9	27.4	28.5	29.9	28.2	27.5	27.9	30.3	25.7	83	74	73	64	82	79	75.8	.....
Mean	58.30	58.59	59.20	57.18	57.88	59.37	58.42	25.8	25.9	30	30.6	28.2	26.6	27.8	31.7	24.9	81.5	83.8	65.8	62.5	73.9	79.4	74.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WSW	WSW	W	WNW	W	WSW	39.4	61.4	75.3	39.2	215.3	9	A.-Cu.	S.-Cu. sw	3	A.-Cu. NW	Cu.
2..	W	W	W	WSW	WNW	SW	28.5	80.7	71.1	34.6	214.9	5	Ci.-S.	Cu. W	4	Ci.-S.	Cu. wsw
3..	WSW	WSW	WSW	WNW	WSW	SW	67	90.7	82.6	77.9	318.2	10	Ci.-S.	S.-Cu.wsw	10	Ci.-S.	S.-Cu. wsw
4..	WSW	WbyS	WSW	WSW	W	SW	73.4	76.6	118.5	102.7	371.2	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	S.-Cu. sw
5..	SW	WSW	WSW	WSW	SW	SW	87.7	106.2	104.6	60.7	359.2	10	Ci.-S. NE	S.-Cu.	10	Ci.-S.	S.-Cu. sw
6..	SW	SW	W	SSW	W	SW	89.5	89.8	136.6	131.2	447.1	10	Ci.-S.	Fr.-S. WSW	8	Ci.-S.	S.-Cu. wsw
7..	WSW	WSW	SW	WSW	W	SW	80.7	88.7	124.7	79.9	374	9	Ci.-S. ENE	S.-Cu. wsw	4	A.-Cu.	Cu. WSW
8..	WSW	WSW	SW	W	WSW	WSW	94.3	95.2	113.8	87.7	391	10	A.-Cu.	S.-Cu. wsw	6	Ci.-S.	Cu. SW
9..	WSW	swbyw	swbyw	W	W	WSW	53.4	80.3	98.8	92.2	324.7	10	A.-Cu.	S.-Cu. swbyw	6	A.-Cu.	Cu. WSW
10..	WSW	SSW	WbyS	WSW	W	SW	76.6	82.1	97.9	58.4	315	10	Ci.-S.	S.-Cu. sw	6	Ci.-S.	Cu. swbyw
11..	WSW	Calm	WbyN	WbyN	SbyW	SSE	15.6	37.8	59.2	20.9	133.5	10	Ci.-S.	Fr.-S.	8	Ci.-S.	Cu. SW
12..	WSW	Calm	NNE	W	W	WSW	18	32	53.6	23.8	127.4	10	Ci.-S.	S.-Cu.sbyw	6	Ci.-S. E	Cu.
13..	W	Calm	Calm	WNW	WNW	Calm	26.9	42.4	62	21.4	152.7	6	Ci.-S.	Cu. NW	2	Ci.-S. SSW	Cu.
14..	W	Calm	WSW	W	Calm	Calm	21.7	42.9	58.1	13.5	136.2	7	Ci.	Cu. NW	7	Ci.-S.	Fr.-Cu.WNW
15..	WSW	WSW	WSW	W	Calm	Calm	33.5	48	51.5	12.7	145.7	9	Ci.-S.	Fr.-N. sw	6	Ci.-S. NNE	Cu.
16..	Calm	Calm	WSW	WSW	Calm	W	14.5	41	55.8	18.7	130	7	Ci.-S. N	Cu.	4	Ci.-S. NW	Cu.
17..	Calm	Calm	NW	NW	W	Calm	19.5	31.6	44.3	15.3	110.7	7	Ci.-S.	Cu. N	5	Ci.-S.	Fr.-Cu. S
18..	Calm	Calm	SW	Calm	Calm	Calm	19.9	51.7	54.1?	15.9?	141.6	8	Ci.-S.	Fr.-Cu. S	6	Ci.-S. S	Fr.-Cu. W
19..	W	Calm	WSW	W	Calm	W	19.9	51.5	67.4	46.4	185.2	5	.....	Cu.-N.NNW	3	Ci.-S.	Cu. WNW
20..	W	WSW	WbyS	WSW	SSW	W	45.7	57.3	48.9	38.1	190	10	Ci.-S.	N. WNW	9	Ci.-S. S	Cu. NW
21..	W	Calm	W	WSW	WSW	WSW	55.8	63.9	70	53.4	243.1	10	Ci.-S.	N. NW	4	Ci.-S.	Fr.-Cu.WNW
22..	WSW	WSW	WSW	SW	SW	SW	67.1	57.9	75.8	62.5	263.3	10	Ci.-S.	S.-Cu.WNW	4	Ci.-S.	Cu. W
23..	SW	WSW	SW	SW	SW	Calm	55.3	58.2	60	22	195.5	9	Ci.-S.	Cu. W	7	Ci.-S.	Fr.-Cu. W
24..	Calm	Calm	W	WNW	S	Calm	23.1	39.4	46.9	21.2	130.6	6	Ci.-S.	Cu. SW	10	Ci.-S.	Cu. SW
25..	Calm	Calm	Calm	NNW	NNW	Calm	20.1	28.8	41.8	21.5	112.2	7	Ci. S	Cu.	7	Ci.-S. E	Cu. SW
26..	Calm	Calm	NNW	NNW	ESE	Calm	17.2	29.2	34.4	36	116.8	7	Ci. S	Cu. NNW	4	Ci.-S.	Cu NE
27..	Calm	SSW	NNW	Calm	SSE	W	22.3	20.6	24.4	24.6	91.9	10	Ci.-S.	N. ESE	9	Ci.-S.	Fr.-N. NE
28..	Calm	WSW	WNW	W	W	W	23.3	50.1	50.5	34.4	158.3	10	Ci.-S.	Cu. ENE	3	Ci.-S.	Fr.-Cu.WNW
29..	Calm	WSW	WSW	WSW	WSW	WSW	35.1	70.3	58.1	62	225.5	10	Ci.-S. NW	Fr.-N. W	10	Ci.-S.	N. W
30..	W	SW	SW	SW	SW	SW	88	110.4	117.5	101.7	417.6	10	Ci.-S.	Fr.-Cu. w	10	Ci.-S.	Fr.-Cu.wsw
Mean	.....	.....	.....	.....	.....	.....	44.4	60.6	71.9	47.7	224.6	8.7	.....	.....	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,738.4	.....	.....	.....	.....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.52	56.31	57.81	56.29	56.62	58.34	56.98	27.3	27.7	28.9	29.9	28	27.4	28.2	30.3	26.7	78	75	63	69	73	73	71.8	.....
2..	56.35	56.88	57.65	56.09	56.12	57.12	56.70	27.5	27.4	28.4	27.6	27.7	28.6	27.9	29.5	27.2	74	74	72	72	69	68	71.5	.....
3..	56.09	56.46	57.34	55.70	56.61	58.34	56.76	27.6	27.6	30.6	31.4	28.6	27.1	28.8	32.8	27	70	66	52	52	71	83	65.7	.....
4..	57.32	58.87	59.89	57.99	58.91	60.25	58.87	25.9	24.4	30	31	27.9	25.2	27.4	31.6	23.9	88	90	68	56	78	88	78	.....
5..	59.62	60.51	61.25	58.90	59.84	60.93	60.18	23.7	23.6	31	32.4	28.5	25.7	27.5	32.7	23.4	91	91	67	62	80	90	80.2	.....
6..	59.81	60.96	61.06	58.67	58.83	60.31	59.94	24.7	24.4	30.2	31.6	29.1	26.2	27.7	31.7	23.8	91	92	74	68	74	87	81	.....
7..	58.96	58.62	59.30	57.69	57.93	60.15	58.78	24.6	23.7	30.2	30.6	28.8	25.9	27.3	31.2	23.6	92	94	68	65	76	88	80.5	.....
8..	58.64	58.63	59.83	57.54	58.24	59.79	58.78	25.2	23.9	30.4	31.2	28.3	26.5	27.6	32.5	23.7	87	94	66	64	78	81	78.3	.....
9..	58.88	59.01	59.81	57.73	58.29	59.36	58.85	25	24.2	29.9	29	28	25	26.8	30.3	24.1	92	94	72	71	73	88	81.7	0.8
10..	57.83	58.42	60.65	56.96	57.97	59.18	58.50	24.7	24.9	24.5	25.5	26	25.4	25.2	26.6	23.4	90	92	96	87	84	86	89.2	17.1
11..	58.46	59.09	59.21	57.21	58.38	59.13	58.58	24.7	25	27.4	27.6	25.3	24.8	25.8	29.8	23.4	92	90	77	80	91	90	86.7	7.9
12..	57.57	58.24	59.43	57.25	57.87	59.08	58.24	25.5	25.5	24.8	27.9	26.5	26.4	26.1	29	24.4	87	88	92	80	84	84	85.8	47.2
13..	57.51	58.02	58.37	56.67	56.88	58.02	57.58	25.7	24.4	28.2	29.6	26.6	27	26.9	29.8	23.5	85	94	72	75	80	77	80.5	57.4
14..	56.89	57.48	57.88	55.30	55.75	56.68	56.66	26	23.9	27.2	27.6	27.1	26.9	26.4	28.3	23.2	82	92	79	79	77	81	81.7	10.7
15..	55.18	56.06	56.61	54.97	55.60	56.62	55.84	27.5	26.8	27.6	28.1	27.6	26.9	27.4	28.3	26	78	78	74	73	73	77	75.5	.8
16..	55.50	56.88	57.85	55.78	56.69	58.76	56.91	25.8	26.1	32.4	30.5	27.5	24.9	27.9	32.8	24.4	83	79	56	58	81	89	74.3	.....
17..	57.53	58.32	58.95	56.52	57.38	59.68	58.06	25	24.6	30	32.4	28.9	26.7	27.9	33.3	24.2	89	94	80	64	81	86	82.3	1.3
18..	58.11	58.34	58.56	56.60	57.44	58.56	57.94	26.6	24.4	30.6	31	27.9	27.5	28	32.6	24.2	85	91	63	56	77	80	75.3	.....
19..	57.56	58.56	59.21	56.69	57.26	58.49	57.96	27.4	27.2	30.5	31.1	27.9	27.3	28.6	31.8	26.8	80	83	65	58	76	85	74.5	76.7
20..	57.17	57.56	58.20	56.29	56.75	56.86	57.14	27.7	26	29.4	30.1	27.5	27.5	28	30.5	23.5	79	92	72	68	81	81	78.8	55.1
21..	56.49	56.84	57.53	56.17	56.42	57.55	56.83	26.5	25.4	27.5	28.9	27.5	27.6	27.2	29.7	23.6	86	93	81	78	83	80	83.5	.8
22..	56.58	57.74	58.70	56.55	57.64	58.94	57.69	26.5	24.8	30.1	30.2	27.5	26.4	27.6	31.6	24.7	82	93	68	68	81	90	80.3	.....
23..	58.24	59.37	60.39	58.05	58.93	60.45	59.24	25.6	24.6	30	30.6	28.1	25.9	27.5	31.1	24.3	92	95	74	71	85	93	85	.....
24..	59.04	59.63	60.14	57.98	58.64	59.70	59.19	24.7	24.2	30.1	31.8	28.4	25.9	27.5	32.5	23.7	93	95	74	69	83	89	83.8	.....
25..	58.85	59.50	59.72	57.66	59	60.41	59.19	24.6	24	31.4	30.5	27.9	26.5	27.5	32.2	23.5	93	94	64	72	82	86	81.8	.....
26..	59.25	60.40	61.40	59.51	60.16	60.91	60.27	25.6	24.5	27.4	28.2	26.6	25.9	26.4	30	24.2	88	94	80	80	84	88	85.7	7
27..	60.12	61.02	61.55	59.34	60.40	61.67	60.68	24.5	24.5	29.9	30.5	25.6	24.6	26.6	31.5	23.7	96	96	75	69	87	94	86.2	2.9
28..	60.09	60.61	61	58.77	59.46	60.60	60.09	25.8	24.5	28.5	30.1	28	27.1	27.3	30.3	24	88	96	78	69	82	83	82.7	5.9
29..	59.46	59.55	59.60	57.62	57.59	59.06	58.81	25.9	24.6	28.2	26.5	26.9	25.3	26.2	28.8	24.5	88	96	82	89	82	94	88.5	13.9
30..	57.87	58.52	59.67	57.65	57.77	59.81	58.55	25	24.5	27.4	30.5	27.7	25.8	26.8	30.8	23.9	95	98	88	72	82	90	87.5	7.2
31..	58.55	59.07	60.49	58.48	58.80	60.49	59.31	25.3	24.4	27.4	28.7	26.4	24.9	26.2	30.4	24.1	91	96	88	83	88	92	89.7	21
Mean	57.94	58.56	59.32	57.25	57.88	59.20	58.36	25.7	25	29	29.8	27.6	26.3	27.2	30.8	24.3	86.6	90	73.5	70.2	79.9	85.2	80.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	333.7

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	swbys	WSW	swbyw	WSW	WSW	104.9	106.2	120.1	107.2	438.4	10	Ci.-S.	S.-Cu. SW	9	Ci.-S.	Cu. WSW
2..	WSW	SW	WSW	WSW	SW	SW	93.3	105.1	89.6	93.9	381.9	10	Ci.-S.	Cu. WSW	10	Ci.-S.	S.-Cu. WSW
3..	SW	SSW	swbys	WbyS	W	Calm	81.1	78.9	88.8	20.4	269.2	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu. W
4..	Calm	SW	Calm	Calm	Calm	SW	19.8	25.9	25.4	22.3	93.4	9	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
5..	Calm	SSW	Calm	ENE	Calm	Calm	24.4	14.5	40	10.7	89.6	9	Ci.-S.	S.	2	Ci.-Cu.	Cu. SW
6..	Calm	Calm	Calm	N	EbyS	Calm	16.4	17.1	27.1	16.4	77	4	A.-Cu. E	Cu.	1	.....	Cu. ENE
7..	Calm	SSW	N	NNW	Calm	Calm	21.7	31.7	44.5	16.3	114.2	4	A.-Cu.	Cu. E	1	.....	Cu.
8..	Calm	Calm	N	WNW	W	Calm	20.7	25.2	50.2	24.6	120.7	8	Ci.	S.	1	Ci.	Fr.-Cu. WSW
9..	Calm	SSW	NNW	WNW	Calm	Calm	22.7	31.6	48	24.9	127.2	9	A.-Cu. W	Fr.-S. SE	10	Ci.-S.	Cu. NW
10..	Calm	NW	N	WNW	WSW	W	16.7	41.2	45.7	48	151.6	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	Fr.-N. NW
11..	W	WSW	W	W	WbyS	WbyS	56.5	63.1	48	40.7	208.3	10	Ci.-S.	Cu. NW	10	.....	N. NW
12..	WSW	WSW	W	WbyS	WSW	WSW	49.1	56.8	64.2	65.5	235.6	10	Ci.-S.	N. NW	10	Ci.-S.	Cu. WNW
13..	W	WbyS	W	WbyS	WbyS	W	57.9	54.7	81.3	66	259.9	10	Ci.-S.	N. WNW	9	Ci.-S. NE	Cu. WNW
14..	W	WbyS	WbyS	WSW	WSW	WSW	55.2	60	98	93.3	306.5	10	Ci.-S.	Fr.-N. WNW	10	Ci.-S. NW	Fr.-N. W
15..	WSW	SW	SW	SW	swbys	swbys	90.1	133.6	122.3	96.6	442.6	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Fr.-N. WSW
16..	SSW	SSE	S	swbys	Calm	Calm	35.7	54.9	64.4	18	173	10	Ci.-S.	S.-Cu. WSW	8	Ci.-S.	Fr.-S. SW
17..	Calm	Calm	EbyN	E	Calm	W	16.9	48	47.3	39.2	151.4	6	Ci.-S.	Cu. ESE	2	Ci.-Cu.	Cu. SSW
18..	W	Calm	SW	WSW	Calm	W	15.9	50.2	64.9	41.3	172.3	10	Ci.-S. SE	Fr.-S. WSW	1	Ci.-Cu.	Fr.-Cu. WSW
19..	W	W	WSW	WSW	WSW	Calm	56.8	71.6	62.2	25.2	215.8	5	Ci.-S. W	Fr.-Cu. WSW	3	Ci.	Fr.-Cu. WSW
20..	W	WbyS	WbyS	WSW	W	W	60.7	55.7	73	44.9	234.3	10	Ci.-S.	N. W	3	Ci.-S.	Fr.-Cu. W
21..	W	WSW	WSW	WSW	WSW	WSW	52.5	.....	.....	.....	.....	10	.....	N. WNW	10	Ci.-S.	N. W
22..	WSW	Calm	Calm	wbyN	Calm	Calm	.....	.....	.....	25.4	.....	10	Ci.-S.	Fr.-S. SW	10	Ci.-S.	Cu. SW
23..	Calm	Calm	ENE	Calm	Calm	Calm	20.4	35.7	29	16.7	101.8	8	Ci.-S. E	Fr.-Cu. WSW	4	A.-Cu. E	Cu. S
24..	Calm	Calm	ENE	ENE	ENE	Calm	23.5	52.8	70.5	31.9	178.7	7	Ci.-S.	Cu. SW	2	Ci.-Cu.	Cu. SSW
25..	Calm	swbyS	ENE	ENE	ENE	Calm	23.3	58.5	77.9	39.7	199.4	4	Ci.	Cu.	5	Ci.-S. E	Cu. SE
26..	Calm	Calm	ESE	ENE	ESE	E	17.5	50.9	71.6	49.6	189.6	7	ci.-s. ESE	Fr.-S. E	9	Ci.-S.	N. ENE
27..	E	Calm	ENE	ENE	SE	Calm	26.2	121.3	113.8	25.7	287	6	Ci.-S.	Cu. SE	7	Ci.-S.	Cu. E
28..	ESE	Calm	ENE	ENE	ENE	E	34.4	89.8	122.8	74.8	321.8	7	Ci.-S.	Cu. E	2	.....	Cu. ESE
29..	Calm	Calm	ENE	ENE	ENE	Calm	27.4	53.4	85	31.4	197.2	5	Ci.-S.	Cu. E	9	Ci.-S.	N. ESE
30..	Calm	Calm	E	ENE	EbyS	Calm	13.5	40.8	59.3	18.8	132.4	10	Ci.-S.	N. E	6	Ci.-S. SE	Cu. E
31..	ESE	Calm	SSE	SEbyE	SE	SE	18.2	45.9	56.5	25.1	145.7	10	Ci.-S.	Fr.-S. ENE	7	Ci.-S.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	39.1	57.8	68.7	41.8	207.5	8.3	.....	.....	6.4	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.44	59.47	60.15	57.90	58.47	59.85	59.21	24.3	25.1	25.2	28.1	24.6	24.2	25.2	29.2	23.5	94	94	94	82	95	96	92.5	19
2..	58.42	58.48	59.44	57.43	57.94	59.37	58.51	24	23.8	27.4	26.9	24.7	24.8	25.3	29.8	22.8	96	97	87	85	95	95	92.5	53
3..	58.31	58.66	60.15	58.03	57.87	58.99	58.67	23.9	25.5	24.8	26	25.5	25.3	25.2	26.3	23.6	96	91	93	90	89	89	91.3	86.1
4..	57.91	58.93	60.67	57.93	58.24	59.41	58.85	24.2	23.9	23.6	25.2	24.1	23.9	24.2	25.6	23.3	94	96	95	90	96	96	94.5	32.2
5..	58.25	58.53	59.95	58.08	58.81	59.84	58.91	23.3	23.1	27.7	26.3	26	24.4	25.1	28.5	22.8	97	99	87	91	91	95	93.3	18.8
6..	58.86	59.39	60.01	57.93	58.85	60.01	59.18	24.8	25.6	29.3	29	27.9	26.5	27.2	31	23.7	93	88	76	74	79	87	82.8	.3
7..	59	59.62	60.15	58.31	58.86	60.17	59.35	24.6	24.5	29.6	29.8	25.9	25.4	26.6	31.3	23.5	95	95	77	73	92	88	86.7	8.4
8..	58.89	59.21	60.16	58.43	59.46	60.14	59.38	24.5	25	29.4	29.8	27.8	27.2	27.3	30.9	23.8	94	92	73	73	80	83	82.5	5.1
9..	59.16	59.69	59.99	58.46	59.36	59.98	59.44	24.5	25.4	30	29.8	27.9	27.1	27.4	30.6	24.1	94	92	79	76	81	93	85.8	10
10..	58.98	59.85	60.34	58.29	59.20	60.37	59.50	24.6	24.1	28.3	28.9	27.5	24.6	26.3	29.6	24	90	96	79	76	81	93	85.8	10
11..	59.32	59.66	60.55	58.43	59.49	60.70	59.69	24.4	23.8	26.9	25.9	24.9	24	25	28	23.5	88	97	86	92	94	96	92.2	27.5
12..	59.16	59.48	60.17	57.45	58.84	60.06	59.19	23.9	23.6	27.7	28.9	27.2	25.4	26.1	30.7	23.4	97	98	84	78	84	95	89.3	17.2
13..	59.11	59.95	60.85	58.81	59.13	59.86	59.62	25	24.2	26.9	27	24.9	24	25.3	28.3	23.4	89	95	83	83	94	93	89.5	38.7
14..	59.50	59.88	60.64	58.85	59.77	60.92	59.93	23	23	27.7	28.6	27.4	26.8	26.1	29	22.5	97	96	80	71	81	84	84.8	7.6
15..	59.61	59.97	60.86	58.10	58.86	60.05	59.58	24	23.9	28.4	28.5	24.1	25	25.6	30.1	23.4	95	96	85	78	86	90	88.3	32.9
16..	58.81	59.27	59.97	58.01	58.46	59.70	59.04	24.1	25.1	25.7	28.5	27.1	26	26.1	29.1	23.6	92	83	91	74	84	90	85.7	7.9
17..	58.31	58.82	59.71	57.67	58.87	59.92	58.88	23.9	22.9	27.3	29.3	27.4	24.3	25.8	29.7	22.7	92	97	83	75	77	92	86	2.8
18..	58.69	59.29	59.97	58.17	59.14	59.99	59.21	22.7	22.5	27.7	28	25.5	24.3	25.1	29.6	22.3	95	96	79	81	87	89	87.8	.3
19..	59.02	59.56	60.36	58.63	59.32	60.22	59.52	25.9	25.7	28.9	28.6	27.3	27.1	27.2	30.5	23.8	78	78	65	75	75	76	74.5	3.6
20..	59.29	60.36	61.31	59.43	59.61	60.69	60.12	25.5	24.6	26.7	27.4	25.8	23.8	25.6	29.4	23.3	86	94	83	87	84	93	87.8	21.1
21..	59.27	59.87	60.75	58.44	59.26	60.16	59.62	23.4	22.6	28.6	29.4	27.1	26	26.2	30	22.3	92	97	77	70	85	85	84.3	.5
22..	58.88	59.56	60.26	58.22	59.28	60.40	59.43	23.9	23.2	28.1	28.4	27.5	26.7	26.3	29.1	23	94	96	84	82	84	86	87.7	.....
23..	59.22	60.05	60.51	58.27	59.47	60.70	59.70	24.9	24.5	25.9	28	25.4	24.9	25.6	28.6	24.3	95	97	90	85	93	93	92.2	14.9
24..	59.07	59.90	60.32	58.76	59.40	60.14	59.60	24.5	24.1	29	27.1	26.1	25.1	26	29.3	23.7	95	97	81	87	88	91	89.8	2.6
25..	58.91	60.20	60.76	58.26	59.09	60.16	59.56	25.3	25.5	26.9	28.4	26.9	24.9	26.3	30.1	24.3	88	91	86	75	88	92	86.7	9.4
26..	58.67	59.61	60.35	58.39	59.10	60.27	59.40	24.2	23.9	27.4	27.5	26.9	25	25.8	29.7	23.5	93	97	89	87	85	93	90.7	.....
27..	59.40	60.31	60.98	58.60	59.34	60.11	59.79	24.4	23.8	28.9	29.7	27.5	25.5	26.6	30.7	23.5	95	97	75	77	84	92	86.7	.....
28..	58.95	59.86	59.96	57.99	58.62	59.57	59.16	24.6	24.1	29.9	28.8	27.4	26	26.8	30.8	23.5	93	96	69	79	82	89	84.7	17.3
29..	58.38	59.50	59.91	57.96	59.05	59.69	59.08	25.5	23.7	26.9	27.8	26.5	26.4	26.1	29.2	23.3	86	96	89	82	87	84	87.3	17.6
30..	58.50	58.94	59.95	57.88	59.19	60.11	59.10	25	24.4	29.2	29.7	27.4	27.1	27.1	30.7	23.9	91	93	70	69	78	79	80	2
Mean	58.91	59.53	60.30	58.24	59.01	60.05	59.34	24.4	24.2	27.7	28.2	26.4	25.4	26	29.5	23.4	92.5	94.3	82.2	79.7	86.1	89.6	87.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	461.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	NEbyN	Calm	E	Calm	E	16.3	42	64.2	27.4	149.9	10	Ci.-S.	N. E	9	Ci.-S.	N. E
2..	Calm	Calm	Calm	SSW	SSE	SE	19.5	45.7	56.6	31.4	153.2	9	.....	N. ESE	9	Ci.-S.	N. E
3..	SE	ENE	ENE	ENE	ENE	SE	60.9	83.2	102.7	43.5	290.3	9	Ci.-S.	N. E	10	.....	N. E
4..	SE	Calm	Calm	Calm	Calm	Calm	41	19	14	14	88	10	.....	N. E	10	A.-S.	Cu. NE
5..	Calm	Calm	Calm	ENE	ENE	Calm	18.2	18.3	76.9	28	141.4	6	A.-Cu. S	Fr.-Cu. ESE	10	Ci.-S.	N. E
6..	ENE	E	E	ENE	EbyN	E	84.7	63.8	87.5	44.5	280.5	4	Ci.-S.	Cu. ESE	6	Ci.-S.	Cu. ESE
7..	Calm	Calm	E	EbyN	ESE	ESE	20.1	42.8	73.4	55.7	192	8	Ci.-S.	Cu. ESE	7	Ci.-S.	Cu. E
8..	Calm	Calm	E	EbyN	E	E	17.9	87.5	137.1	89.6	332.1	3	Ci.	Fr.-Cu. SE	3	Ci.	Fr.-Cu. E
9..	Calm	E	EbyN	EbyN	E	ESE	34.1	105.9	156.4	70.6	367	9	.....	S.-Cu. ESE	10	Ci.-S.	Cu. E
10..	Calm	SSE	ENE	ENE	ENE	Calm	32.8	58.7	90.7	54.9	237.1	8	Ci.-S. N	Cu. E	10	Ci.-S.	Cu. E
11..	ENE	Calm	EbyN	NNW	SE	Calm	31.6	37.2	93.9	17.7	180.4	9	Ci.-S.	Cu. E	10	Ci.-S.	Fr.-N. N
12..	Calm	SSE	E	NNW	ENE	SE	16.9	23.5	84	28.7	153.1	10	A.-Cu. ESE	S.-Cu. E	6	Ci.-S. SSW	Cu. ENE
13..	Calm	SE	SSW	Calm	ESE	Calm	34.9	34.9	24.4	31.2	125.4	8	Ci.-S.	Cu. E	7	Ci.-S.	Cu. E
14..	SSE	SSW	Calm	ENE	ENE	ENE	30.1	35.2	135.8	98.2	299.3	9	A.-Cu. SE	S.-Cu. E	4	.....	Cu. ESE
15..	Calm	ENE	E	EbyN	ESE	Calm	31.4	55.5	92.8	38.8	218.5	5	Ci.-S.	S.-Cu. E	5	.....	N. E
16..	ESE	ENE	Calm	ENE	ENE	ENE	49.4	45.1	122.3	44	260.8	10	.....	N. E	5	.....	Cu. E
17..	Calm	SSW	Calm	N	ENE	Calm	19.6	13.7	57.3	36.8	127.4	4	.....	Cu. E	5	.....	Cu. E
18..	SSE	SSE	Calm	NbyW	W	Calm	26	20.7	50.5	25.7	122.9	3	A.-Cu. E	.....	7	Ci.-S.	Cu.-N. NE
19..	N	N	ENE	NNW	ENE	EbyN	45.9	45.9	97.9	97.2	286.9	4	A.-Cu. ENE	Cu.	5	.....	Cu. NE
20..	EbyN	ENE	Calm	EbyN	E	Calm	36.4	33.8	72.9	19.9	163	10	Ci.-S.	N. ESE	9	Ci.-S.	S.-Cu. E
21..	Calm	Calm	ENE	ENE	ENE	E	14	57.3	105.1	54.9	231.3	10	Ci.-S.	S.-Cu. E	2	.....	Cu. SE
22..	Calm	S	NNW	NNW	ENE	E	20.3	37.5	58.9	57.7	174.4	1	.....	Cu. SE	2	Ci.-Cu.	Cu. SSE
23..	Calm	Calm	ENE	Calm	Calm	Calm	16.4	20.4	27.9	19.3	84	5	Ci.-S. E	Fr.-S. NE	10	.....	N. E
24..	Calm	Calm	Calm	NbyW	ENE	NE	19.6	21.2	46.5	33.3	120.6	9	Ci.-S.	N. E	6	Ci.-S.	Cu. E
25..	NE	N	ENE	ENE	EbyN	Calm	32.7	34.8	74.5	46.7	188.7	10	Ci.-S.	N. ENE	6	Ci.-S. NW	Cu. SE
26..	Calm	Calm	EbyS	NNW	EbyN	Calm	17.2	23.6	36.5	30.4	107.7	8	A.-Cu. E	S.-Cu. SE	10	Ci.-S. N	N. E
27..	Calm	Calm	ENE	ENE	ENE	Calm	18.7	28.5	63.1	32.2	142.5	5	Ci.	Cu. ESE	2	Ci.	Cu. ESE
28..	Calm	Calm	ENE	NNW	ENE	Calm	19.8	52.8	64.9	57.4	194.9	5	Ci.-S. E	Cu. E	6	Ci.	Cu. E
29..	ENE	S	Calm	NE	EbyN	ENE	33.6	24.1	90.1	67.8	215.6	10	Ci.-S. E	S.-Cu. ESE	9	Ci.-S. S	Cu. E
30..	EbyN	Calm	ENE	ENE	ENE	ENE	42.3	80.2	136.5	68.6	327.6	5	Ci.-S. E	Cu. E	7	Ci.-S.	Fr.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	30.1	43.1	79.8	45.5	198.6	7.2	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,956.5	....	.....	.....	....	.....	.....

SURIGAO.

[ϕ=9° 48′ N; λ=125° 29′ E; barometer above sea, 6 meters; gravity correction not applied, —1.86 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.88	59.51	60.14	58.40	58.85	59.80	59.26	26.5	24.5	28.1	29.5	27.2	26.5	27	29.7	24.3	82	96	76	68	77	80	79.8	13.5
2..	59	59.02	59.51	58.11	58.83	59.82	59.05	26.5	26	27.9	27.1	24.1	24.5	26	28.5	23.9	79	85	78	80	96	94	85.3	51.3
3..	57.90	58.78	59.55	57.26	57.76	58.81	58.34	25.1	26.2	25.9	25.6	25.7	24.8	25.6	27.1	24.4	90	92	92	94	93	95	92.7	50.6
4..	58.01	59.04	59.74	57.86	58.67	59.71	58.84	24.6	24.5	27.9	29.8	27.4	26.4	26.8	30	24.2	97	97	83	76	84	89	87.7	6.1
5..	58.66	59.16	60.07	58.62	59.42	60.45	59.40	25.4	25	28.4	28	26.9	26.4	26.7	28.6	24.9	94	96	80	81	80	81	85.3	32.2
6..	59.45	59.62	60.60	59.20	60.19	61.16	60.04	25	24.9	27.3	27.7	27.4	27	26.6	28.3	24.3	90	91	76	76	74	77	80.7	8.4
7..	59.80	60.75	61.10	59.10	59.81	60.57	60.19	26.9	25.9	27	27.9	27	26.8	26.9	28.3	24.5	83	92	80	71	69	69	77.3	1
8..	59.26	59.95	61.27	59.36	60.24	60.99	60.18	26.6	26	27.3	28.1	26.9	26.4	26.9	29.3	25.8	72	78	72	61	75	77	72.5	.....
9..	59.56	59.82	60.44	58.41	59.37	59.90	59.58	26.3	25.5	28.7	28	24.6	24.2	26.2	28.8	24	76	83	73	70	92	94	81.3	24.6
10..	58.21	59.26	60.15	58.23	58.90	59.24	59	26.4	26.7	25	25.9	26.9	25.8	26.1	28.2	24.1	79	79	93	80	80	85	82.5	28.5
11..	57.92	58.80	58.96	57.59	58.93	59.33	58.59	24.5	24.5	27.2	25.7	23.6	23.4	24.8	27.8	23.2	93	94	84	91	96	97	92.5	103.1
12..	57.89	58.72	59.02	57.84	58.79	59.12	58.56	23.3	23.6	25.2	24.6	23.8	24.7	24.2	25.3	22.7	97	95	90	94	92	87	92.5	19.6
13..	57.82	57.64	58.86	57.22	58.72	59.24	58.25	24	23.2	27.9	27.9	24.9	23.8	25.3	28.5	23.1	91	95	84	82	93	95	90	41.6
14..	58.66	58.93	59.90	57.84	58.71	59.74	58.96	24.6	24	27.7	28.2	26.6	25.5	26.1	28.4	23.8	93	97	82	82	90	90	89	6.6
15..	59.06	59.56	60.62	59.21	60.04	60.71	59.87	24	23	25.2	27.3	26.7	25	25.2	27.6	22.9	93	97	90	78	84	90	88.7	7.9
16..	59.42	59.61	60.41	58.78	59.82	60.71	59.79	23.5	23.4	25.4	24.7	24	23.5	24.1	25.9	22.9	92	93	92	95	97	96	94.2	136.8
17..	59.85	60.16	60.87	59.07	59.72	60.65	60.05	22.9	22.4	27	26.8	26.3	24	24.9	28.1	22.2	96	96	86	89	85	92	90.7	14.5
18..	60.20	60.78	61.61	59.27	60.10	61.11	60.51	23.4	22.9	27.6	27.8	26.7	24.5	25.5	28	22.7	93	97	68	70	76	87	81.8	21.1
19..	59.85	60.31	61.01	59.62	60.86	61.60	60.54	23.9	22.2	25.7	24.6	24.1	23.4	24	26.3	21.7	87	96	86	90	95	97	91.8	81.6
20..	60.56	61.01	60.82	59.06	59.76	60.21	60.24	22.4	22.2	26.6	25.1	26.4	24.9	24.6	27.6	22.2	97	98	86	91	85	91	91.3	8.1
21..	59.07	59.76	60.31	58.46	58.82	59.34	59.29	23.8	23.5	25.2	25	23.9	23.4	24.1	25.8	23	95	97	88	88	95	96	93.2	9.4
22..	58.13	58.64	59.59	57.69	57.43	58.16	58.27	25.2	25.5	26.8	26.9	25.5	25.6	25.9	27.3	23.7	82	80	77	74	84	84	80.2	.....
23..	56.94	57.32	58.86	57.23	57.84	58.38	57.76	25.5	25.3	26.8	27.6	26.5	25.4	26.2	28	25.1	83	84	81	72	68	82	78.3	.....
24..	57.29	57.19	58.21	56.32	56.44	56.94	57.06	25.8	25.8	27	27	26.5	26.7	26.6	28.5	25.5	78	78	74	77	73	73	75.5	.....
25..	55.76	55.99	56.52	54.90	56.08	57.72	56.16	26.3	25.7	27.6	27.8	26.2	25	26.4	28.5	24.7	74	78	71	67	79	87	76	.....
26..	56.99	57.53	58.38	56.81	57.57	59.01	57.72	24.4	23.8	28	29.5	27.1	26.2	26.5	31	23.5	89	93	77	70	79	82	81.7	.....
27..	58.17	58.90	59.91	58.30	59.05	60.47	59.13	24.1	23.6	27.6	29.1	27.4	23.6	25.9	30.1	22.7	91	92	77	72	77	90	83.2	.....
28..	59.37	60.13	61.41	58.99	59.19	60.41	59.92	22.1	21.5	27.9	29.2	26.8	25.1	25.4	29.8	21.4	95	95	74	72	78	88	83.7	.....
29..	59.92	60.42	60.91	59.15	59.49	61.07	60.16	22.7	21.6	27.6	29	26.5	24.5	25.3	30.1	21.5	92	96	76	68	82	89	83.8	5.8
30..	59.80	60.32	60.97	59.17	60.07	61.09	60.24	23.1	22.5	27.4	26.7	25.4	26.2	25.2	29.5	22.3	94	96	80	80	87	82	86.5	2.1
31..	60.16	60.73	62.24	59.61	60	60.92	60.61	22.5	22.1	26.4	28.2	26.4	26	25.3	28.4	21.7	94	96	81	72	82	82	84.5	12.7
Mean	58.76	59.27	60.06	58.28	59.02	59.89	59.21	24.6	24.1	27	27.3	26	25.1	25.7	28.3	23.4	88.4	91.3	80.9	78.4	83.8	87	85	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	687.1

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.		2 p. m.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.	Amount.	Form and direction.
													Upper. Lower.		Upper. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*		*0–10*	
1..	ENE	Calm	ENE	ENE	Calm	EbyN	20.9	84.2	106.7	25.9	237.7	10	Ci.-S. S.-Cu. E	5	A.-Cu. ESE Fr.-Cu. E
2..	ENE	Calm	NbyW	Calm	Calm	Calm	40	45.7	27.1	23.9	136.7	9	Ci.-S. S.-Cu. ESE	10	Ci.-S. S.-Cu. E
3..	ENE	ENE	ENE	SEbyE	ENE	Calm	59	79.1	59.8	38.3	236.2	10	Ci.-S. N. E	10	..... N. E
4..	Calm	Calm	Calm	Calm	ESE	EbyN	8.5	21.1	48.1	64.1	141.8	10	A.-S. SE Fr.-N. ESE	6	Ci.-S. Cu. ESE
5..	Calm	Calm	EbyS	EbyN	ENE	NE	20.7	71.6	139.5	128.7	360.5	10	Ci.-S. S.-Cu. E	5	Ci.-S. Fr.-Cu. ESE
6..	NE	NE	ENE	ENE	ENE	ENE	56	151.1	137.4	132	476.5	10	..... N. ENE	4	Ci.-S. Fr.-Cu. E
7..	EbyN	ENE	ENE	ENE	ENE	ENE	60	99.8	123.4	64.4	347.9	6	Ci.-S. Fr.-cu. ESE	8	Ci.-S. Cu. ESE
8..	ENE	N	NE	NE	NE	NE	49.3	38.8	45.1	51.2	184.4	10	A.-Cu. S.-Cu. ESE	10	A.-Cu. Fr.-S. ESE
9..	NE	N	NNW	ENE	Calm	NE	35.4	44.9	92.3	62.2	234.8	6	A.-Cu. ESE Fr.-S. ESE	10	Ci.-S. S.-Cu. ESE
10..	ENE	ENE	ESE	ENE	ENE	ENE	127.1	113.2	157.2	65.8	463.3	10	A.-S. ESE Fr.-N. E	10	A.-S. Fr.-N. E
11..	Calm	NNW	NNW	Calm	Calm	S	40.7	26.8	22.2	34.9	124.6	10	Ci.-S. N. ENE	10	Ci.-S. N. E
12..	S	EbyN	Calm	Calm	EbyN	EbyN	29.6	15.5	36.5	104.1	185.7	10	..... N. ESE	10	..... N. ESE
13..	EbyN	Calm	EbyN	EbyN	SE	Calm	90.7	54.1	107.3	38	290.1	10	..... N. ESE	10	Ci.-S. Cu. E
14..	SE	Calm	E	ESE	ESE	ESE	22.3	61	74.3	37.8	195.4	10	Ci.-S. ENE S.-Cu. ESE	8	Ci.-S. ENE Fr.-Cu. SE
15..	Calm	SE	ENE	ENE	ENE	ENE	21.4	39.4	112.7	74.3	247.8	4	Ci.-S. Cu. NNE	9	Ci.-S. Cu. ESE
16..	Calm	SSE	Calm	NNW	Calm	ESE	33.2	24.4	66	34.3	157.9	9	A.-Cu. E S.-Cu. ESE	10	..... N. E
17..	Calm	Calm	Calm	Calm	ENE	Calm	10.3	22	44.8	26.9	104	10	A.-S. SE Cu. E	7	Ci.-S. Cu. E
18..	ESE	SSW	ENE	ENE	ENE	EbyN	22.5	85	77.2	39.2	223.9	9	Ci.-S. Fr.-S. ESE	9	Ci.-S. W Fr.-S. ESE
19..	Calm	Calm	Calm	N	NbyW	Calm	30.3	43.5	77.7	51	202.5	10	..... N. E	10	..... N. ENE
20..	Calm	SbyW	NWbyW	Calm	ENE	Calm	24.6	23.1	65.4	61.5	174.6	10	Ci.-S. Fr.-S. ESE	10	Ci.-S. SE N. E
21..	Calm	Calm	NEbyE	Calm	ESE	Calm	22.2	57.1	17.1	23.1	119.5	10	Ci.-S. N. E	10	A.-S. N. E
22..	N	NbyW	NWbyN	W	WbyS	WbyS	56.3	51	65.7	58.5	231.5	10	A.-Cu. S.-cu. NNE	10	Ci.-S. Cu. NbyW
23..	W	W	WbyS	W	WNW	WNW	62.6	96	115.7	74.3	348.6	10	Ci.-S. S.-Cu. W	10	Ci.-S. Cu. WNW
24..	W	WSW	WSW	WbyS	WbyS	WSW	96.9	104.8	111.8	103	416.5	10	Ci.-S. Fr.-s. WSW	9	Ci.-S. Fr.-Cu. W
25..	WSW	SSW	SSW	SSW	Calm	Calm	97.7	80.8	60.6	17.4	256.5	10	Ci.-S. S.-Cu. W	9	A.-Cu. WSW S.-cf. SW
26..	Calm	Calm	Calm	ENE	EbyS	Calm	15.6	36	59.8	21.1	132.5	3	A.-cu. SW S.	6	A.-Cu. SW Cu. S
27..	ESE	Calm	EbyN	N	ENE	EbyN	26.4	32.4	38.3	29.2	126.3	10	Ci.-S. S.-Cu. SE	1	..... Cu.
28..	SSW	SSW	Calm	ENE	ENE	Calm	26.6	21.9	58.5	45.3	152.3	1	..... Cu.	3	Ci. Cu. ESE
29..	Calm	Calm	ENE	ENE	ENE	ENE	19.3	42.9	88.5	59	209.7	6	Ci. S.-Cu. SE	7	Ci. Cu. E
30..	Calm	SE	NE	EbyS	Calm	EbyN	19.5	30	48.5	71	169	4	..... Cu. NE	5	..... N. E
31..	SE	S	Calm	ENE	ENE	ENE	27.7	31.9	100.9	80.3	240.8	10	Ci.-S. N. E	2	..... Cu. ESE
Mean	.....	.....	.....	.....	.....	.....	41.1	55.8	77	56.2	230	8.6	....	7.8	....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,129.5	....	....	....	....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.96	58.21	59.50	58.22	58.41	59.64	58.66	24.4	25	27.2	25.5	24.8	24.4	25.2	28.7	23.7	87	86	77	88	92	88	86.3	8.4
2..	58.75	59.30	59.94	58.20	58.57	59.74	59.08	24.6	24.2	28.9	27.8	26.5	25.2	26.2	30.5	23.7	85	86	68	74	80	83	79.3	27.7
3..	59.30	58.61	59.94	57.84	58.33	59.05	58.84	24.3	24.5	28.2	29	27	26	26.5	29.2	24	89	87	76	59	77	81	78.2	.....
4..	58.66	58.50	59.98	57.93	58.22	60.04	58.89	25.4	25	28	28	26	25	26.2	28.9	23.8	82	82	68	68	74	78	75.3	1.8
5..	59.38	59.11	60.07	57.74	58.36	59.25	58.98	24.6	24.5	27.5	28	25.4	25	25.8	28.5	23.5	82	87	73	67	80	83	78.7	.....
6..	58.98	58.78	59.75	58.14	58.30	59.05	58.83	24.7	24.3	24.8	25.6	25.5	24	24.8	26	23.4	80	81	80	79	80	91	81.8	8 9
7..	58.21	58.06	58.69	57.49	57.86	60.04	58.39	24	24	26.5	25.4	25	24	24.8	26.8	23.4	86	90	74	77	79	86	82	.8
8..	59.51	59.69	60.81	58.59	59.10	60.83	59.76	24.2	24	25.2	26	25.4	24 5	24.9	27	23.4	83	83	76	69	77	74	77	.....
9..	59.73	59.91	60.39	58.70	59.33	60.66	59.79	23.5	23.5	26	26.8	24.9	23.3	24.7	27.5	22.2	79	79	66	60	78	84	74.3	.....
10..	59.43	59.61	61.14	58.43	58.84	60.36	59.64	23.7	23.8	23.8	23.2	24	23	23.6	24.7	22.4	80	80	82	84	79	90	82.5	.5
11..	59.73	59.66	60.67	58.83	58.86	60.65	59.73	23.5	23.2	26.4	26	25.1	24.2	24.7	27.3	22.5	87	90	77	76	80	84	82.3	.....
12..	59.90	59.11	60.19	58.45	57.98	59.71	59.22	23.5	22.8	25.3	25.2	25	23.8	24.3	26	22.3	87	90	81	86	83	85	85.3	1.5
13..	58.65	58.13	60.11	58.46	57.93	58.51	58.63	24	23.7	24.4	23.4	23.4	23	23.6	24.7	22.5	86	89	90	90	90	90	89.2	7.9
14..	58.79	58.83	60.07	58.09	58.37	60.17	59.05	23	23.7	27.8	28.5	26.8	23.2	25.5	29.5	22.3	90	84	65	66	77	90	78.7	55.1
15..	59.06	59.14	60.54	58.87	59.55	60.02	59.53	23.9	23.6	25.4	26	25.7	25.4	25	27	22.9	88	90	84	76	81	80	83.2	.....
16..	59.40	59.24	60.09	58.02	58.38	59.53	59.11	25	24.8	27.2	27.5	25.5	25.3	25.9	28.5	24	81	83	72	70	80	77	77.2	1
17..	59.43	58.81	59.12	57.09	58.05	59.46	58.66	25	24.1	27.5	28.6	24.5	24.6	25.7	29	23.6	79	84	68	63	87	85	77.7	5.9
18..	58.48	58.38	59.49	57.45	57.88	59.25	58.49	23.6	24.9	27.5	28.4	26.5	25.5	26.1	28.8	22.9	97	83	70	68	79	81	79.7	.....
19..	58.38	58.33	58.92	57.29	58.05	59.54	58.42	24.6	24.2	28.8	27.8	27.4	24	26.3	29.3	23.2	84	83	66	67	72	80	75.3	.....
20..	58.52	58.64	59.34	57.38	57.34	59.20	58.40	24.2	24.1	28.3	28.8	27.3	27	26.4	29.7	22.9	83	84	67	62	77	76	74.8	.....
21..	58.43	58.25	59.19	57.17	57.62	58.79	58.24	25	24.9	26.5	27.9	26.5	25.8	26.1	28.4	23.7	77	80	68	60	70	73	71.3	2.6
22..	58.38	58.13	59.41	57.81	58.51	59.75	58.66	23.4	24.4	23.2	23.8	23.9	24	23.8	25.2	22.7	89	80	91	86	80	78	84	13.5
23..	58.93	58.54	59.26	57.29	57.11	58.68	58.30	23.8	23.9	26	26	25.8	25.4	25.2	27.4	23.2	78	77	69	72	74	76	74.3	.....
24..	57.92	57.30	57.39	55.95	56.45	58.50	57.25	25	24.8	28.4	28.5	26.5	24	26.2	29.5	22.9	77	78	64	63	73	90	74.2	9.7
25..	57.14	56.61	58.06	55.88	56.46	58.35	57.08	23.6	23.4	26.5	27.8	26.2	25.2	25.4	28.4	22.5	88	89	76	74	73	79	79.8	7.3
26..	57.82	57.56	58.88	57.05	57.24	58.10	57.78	23.9	24	24.3	24.8	25.5	25.4	24.6	25.8	22	84	85	85	83	78	77	82	3.1
27..	57.80	57.06	58.31	56.62	56.58	58.28	57.44	25.3	25	27.4	24.7	24.8	24.2	25.2	27.6	23.2	77	80	69	90	83	89	81.3	9
28..	57.55	57.33	58.30	56.34	56.24	57.62	57.23	24.7	24.8	27	27.6	26	25.2	25.9	28.4	23.9	83	81	70	66	72	76	74.7	.....
29..	57.16	57.50	58.85	57.12	57.42	58.75	57.80	24.8	24.3	26	26.5	25.2	24.4	25.2	27	23.5	76	78	70	69	76	82	75.2	.....
30..	57.78	57.36	58.35	56.46	56.94	58.12	57.50	24.3	24	27.5	27.6	27.3	25.2	26	29.4	23.2	84	84	68	74	75	85	78.3	59.1
31..	58.31	57.82	59.69	57.56	57.81	59.23	58.40	23.6	23.6	25.9	27.2	26.6	25.4	25.4	28.5	22.6	92	90	84	75	78	82	83.5	.....
Mean	58.63	58.44	59.50	57.63	57.94	59.32	58.57	24.2	24.2	26.6	26.7	25.7	24.7	25.3	27.8	23.1	83.9	84	74	72.9	78.5	82.4	79.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	223.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1..	W	Calm	E	SW	NW	Calm	42.8	53.1	51.8	32.8	180.5	7	Ci.-S.	Cu. NE	9	.....	N. NNE
2..	NW	Calm	E	W	N	Calm	32.5	40	71	39.2	182.7	6	Ci.-S.	Cu. ENE	6	Ci.-S	Cu. ENE
3..	N	N	NE	NE	NNE	N	50.2	109.9	145.8	81.3	387.2	6	Ci.-S	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
4..	N	N	NE	NE	NE	N	73.3	100.6	152.7	62.8	389.4	6	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Cu.-N. NE
5..	N	N	NE	NE	NE	N	48.6	113.8	151.8	105.1	419.3	7	Ci.-S.	cu.-N. ENE	8	.....	Cu.-N. NE
6..	N	NE	NNE	NNE	N	NE	106.5	114.6	97.1	67	385.2	9	.....	Cu.-N. NE	8	.....	Cu.-N. NE
7..	N	N	NNE	NNE	N	N	63	161.1	112.9	117.5	454.5	9	.....	Cu.-N. NE	8	.....	Cu.-N. NE
8..	N	N	N	NNE	N	N	143.2	147.5	208.6	234.9	734.2	8	.....	Cu.-N.	8	.....	S.-Cu. NE
9..	N	N	N	NNE	N	N	106.5	182	140.8	86.9	516 2	6	Ci.-S.	Cu. NE	8	Ci.-S.	Cu.-N. NNE
10..	N	N	NE	N	N	N	85.3	89.3	161.5	41.2	377.3	9	.....	cu.-N. NNE	9	.....	N. NNE
11..	N	N	N	N	NE	NE	48.6	83.4	104.9	60.2	297.1	8	.....	S.-Cu.	8	.....	Cu.-N. NE
12..	N	NW	N	NE	N	N	33.5	61.7	108.6	42.6	246.4	7	.....	S.-Cu. NE	9	.....	Cu.-N. NNE
13..	N	N	NE	N	N	N	50.4	118	93.9	46.5	308.8	9	.....	Cu.-N. NE	10	.....	N. NNE
14..	NW	NW	NE	NE	NE	SW	43.7	93.8	96.1	50.9	284.5	3	Ci.	Cu. NE	7	Ci.-S.	Cu. NE
15..	W	N	NNE	NE	N	N	48.9	112.7	128.7	109.1	399.4	9	.....	Cu.-N. NE	8	.....	Cu.-N. NE
16..	N	NE	NE	NE	N	N	133.1	137.1	141.6	119.6	531.4	4	Ci.	Cu. NE	6	Ci.-S.	S.-Cu. NE
17..	N	N	NE	N	N	N	119.4	121.3	163.2	59.3	463.1	4	Ci.	Cu. NE	3	Ci.	Cu. NE
18..	NE	N	NE	NE	NE	N	69	67.8	125.5	83.2	345.5	5	Ci.-S.	Cu.	6	A.-Cu.	Cu.
19..	NE	N	NE	NE	NE	N	50.4	58.7	104.1	39.4	252.6	2	Ci.	Cu	3	Ci.	Cu. NE
20..	Calm	N	NE	NE	N	N	24.6	90.1	135.2	87.2	337.1	4	Ci.-S.	Cu.	5	Ci.	Cu. NE
21..	N	N	NE	N	N	N	83.7	136	174.6	125	519.3	7	Ci.-S.	Cu. NE	8	Ci.-S.	S.-Cu. NE
22..	N	N	N	N	N	N	98.8	97.2	95.3	132.8	424.1	8	Ci.-S.	S.-Cu. NE	8	.....	N.
23..	N	N	N	N	N	N	111	127.7	141.6	91.4	471.7	10	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
24..	N	N	N	N	N	N	74.2	124.9	177.5	91.4	468.1	9	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
25..	N	N	N	NE	NE	NE	44.6	74.5	134.4	102.2	355.7	9	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. NE
26..	NE	N	NE	N	N	N	67.3	72.6	131.2	122.8	393.9	10	Ci.-S.	Cu.-N.	10	.....	N.
27.	N	N	N	N	N	NE	109.4	105.9	77.9	43.5	336.7	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
28..	N	N	N	N	N	N	63.9	133	137.3	78.9	413.1	8	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
29..	N	N	N	N	N	N	101.9	113.7	83.2	55.5	354.3	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
30..	N	NW	N	SW	S	SE	30.4	83.4	76.1	56.3	246.2	7	Ci.-S.	S.-Cu. NE	5	Ci.-S.	Cu. NNE
31..	Calm	Calm	NE	NE	NE	NE	29.1	76.6	99.5	53.3	258.5	10	.....	N.	4	Ci.	Cu. NE
Mean	....	.....	.....	.....	.....	.....	.....	70.6	103.3	123.4	81.3	378.5	7.2	.....	.....	7.3	.....	.....
Total	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,734	....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.62	58.85	60.24	58.37	58.83	60.06	59.16	25	24.5	27.2	27.6	26.1	24.3	25.8	28.2	23.2	82	82	70	67	79	87	77.8	2.3
2..	58.95	59.43	60.09	58.01	58.72	59.60	59.13	24.6	23.8	25.6	27.8	26.3	25.3	25.6	28.4	23	83	90	86	71	76	82	81.3	8.6
3..	58.37	58.60	60.07	57.76	58.16	59.45	58.74	24.7	24.4	26.2	26.4	26	25.4	25.5	27	23.7	86	87	79	80	88	86	84.3	.....
4..	58.71	59.08	59.69	57.37	57.55	58.64	58.51	25.1	24.8	27.5	28.8	27.8	25.9	26.6	29.6	23.9	83	84	70	59	67	75	73	.....
5..	57.97	58.81	59.70	57.05	57.17	58.15	58.14	25.2	25.1	24.8	28.8	28	25.3	26.2	30.8	23.4	77	80	87	65	66	76	75.2	1.5
6..	57.48	58.05	58	92	56.60	56.61	57.96	57.60	24.9	24.5	27.7	28.4	27.3	25.4	26.4	30.1	23.2	76	79	72	68	70	80	74.2	8.4
7..	57.43	57.31	58.42	57.06	57.02	58.79	57.67	24.8	24.2	28.4	26.6	26.5	25.2	26	29	23.1	77	81	64	80	80	76	76.3	4.8
8..	57.85	58.58	59.39	57.81	58.62	60.15	58.73	24.5	23.6	27	27.2	25.7	24.7	25.4	28.3	22.3	78	80	73	63	71	72	72.8	.....
9..	59.20	59.44	59.84	58.36	59.71	59.35	59.32	23.8	23	25.9	26.3	24.2	23.9	24.5	26.7	21.8	77	81	67	69	85	83	77	5.1
10..	58.55	58.46	59.24	58.21	58.25	58.93	58.61	24.6	24.2	26.2	24.8	24.6	24.6	24.8	26.5	23.2	79	84	76	87	87	80	82.2	9.9
11..	57.80	58.97	59.15	56.69	57.71	58.42	58.12	24.7	23.3	26.7	28.2	27	26.2	26	28.8	22.2	82	89	74	63	74	76	76.3	26.4
12..	57.52	58.72	59.59	57.82	58.22	59.28	58.52	25.3	24.2	23.6	25.7	25.5	25.3	24.9	26.2	23.2	81	88	89	81	81	80	83.3	9.4
13..	59.55	58.84	59.39	57.55	57.85	58.98	58.69	21.6	22.7	28	28.1	27.1	25.7	25.5	29.5	20.8	94	89	71	68	73	81	79.3	.....
14..	58.26	58.41	59.39	57.35	57.70	58.92	58.34	24.9	24.2	29	28.7	28.8	26.5	27	30.2	23.2	83	83	64	66	69	76	73.5	.....
15..	58.12	58.35	59.34	57.12	57.89	59.28	58.35	25.4	24.7	28	29	28.5	25.9	26.9	30.2	23.8	83	84	70	68	71	78	75.7	.8
16..	59.23	59.58	60.22	58.42	59.02	60.18	59.44	24.5	24.9	27.5	29	28	26.7	26.8	29.5	23.8	87	84	70	67	74	74	76	.....
17..	59.41	59.48	60.96	58.62	59.63	60.73	59.86	25.4	24.9	28.3	28.3	25	24.5	26.1	29	23.5	76	80	72	72	87	84	78.5	.....
18..	59.74	59.55	60.54	58.24	59.25	60.85	59.70	24.8	24.8	27.1	28.3	25.9	25	26	29	24	77	77	65	62	73	74	71.3	.....
19..	60.01	60.56	61.40	59.17	60.08	61.56	60.46	24	24	26.9	27.5	25.5	24	25.3	28	22.5	79	77	63	63	72	82	72.7	.....
20..	60.60	60.89	61.67	59.33	59.70	61.15	60.56	23.2	24.2	26.5	27.4	26	25	25.4	28	22.7	83	74	64	64	67	74	71	.....
21..	60.64	61.05	62.48	60.22	60.28	61.73	61.07	24.1	24	26	26.5	26	24	25.1	27.5	22.8	77	75	62	59	71	80	70.7	.....
22..	61.05	61.31	62.10	59.59	60.44	62.11	61.10	23.5	23.5	27.1	28	26	24.5	25.4	28.9	21.9	80	77	60	57	69	73	69.3	.....
23..	61.69	61.85	62.22	60.25	60.70	61.99	61.45	22.9	22.8	26.5	27.5	25.7	24.8	25	28.9	21.4	70	70	53	56	63	69	63.5	.....
24..	61.49	61.81	62.72	60.64	61.13	62.24	61.67	22.6	22.5	26.3	28	26.5	25.5	25.2	29.5	21.7	81	72	63	63	66	76	70.2	.....
25..	60.69	60.16	61.84	60.04	59.94	61.39	60.67	24.2	24.6	26.7	27.5	27	24.7	25.8	27.9	22.5	82	83	74	71	73	79	77	.....
26..	60.39	60.46	61.15	59.58	59.89	60.83	60.38	24.5	24	28.3	27.9	24.5	24	25.5	30.8	23.5	75	75	58	68	86	86	74.7	21.3
27..	60.15	60.84	61.98	60.04	60.17	61.58	60.79	23.3	23.8	27.7	29	27.7	26	26.2	30	22.6	82	77	60	61	67	75	70.3	.....
28..	61.31	61.44	61.14	59.42	59.79	60.62	60.62	24.8	24	27.5	28.8	27	25.7	26.3	29	23	77	75	57	50	70	72	66.8	.....
Mean	59.31	59.62	60.46	58.45	58.93	60.10	59.48	24.3	24	26.9	27.7	26.4	25.1	25.8	28.8	22.9	80.2	80.6	69	66.7	74.1	78.1	74.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	78.9	108.8	134.4	73.7	395.8	7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	Cu. NE
2..	N	N	N	NE	NE	N	56.6	76.4	114.3	50.3	297.6	10	.....	N.	8	Ci.-S.	Cu. NE
3..	Calm	Calm	E	NE	NE	NE	29.5	38.6	74	44.3	186.4	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
4..	NE	NE	NE	NE	NE	NE	45.8	70.1	93.3	53.9	263.1	7	Ci.-S.	S.-Cu. NE	3	Ci.-S.	Cu. NE
5..	N	N	N	NE	NE	Calm	65.7	44.6	86	32.2	228.5	7	Ci.-S.	Cu. NE	3	Ci.	Cu.
6..	NE	N	Calm	N	NE	Calm	49.3	41.8	70.8	31.9	193.8	4	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N. NE
7..	N	Calm	NE	NE	N	N	40.9	81.8	115.1	78.1	315.9	5	Ci.	Cu.	8	Ci.	Cu.-N. NE
8..	N	N	NE	N	N	N	82.1	125.5	111.6	58.5	377.7	3	Ci.	Cu.	8	Ci.-S.	S.-Cu. N
9..	N	N	N	N	N	N	53.4	116.7	138.4	178.9	487.4	8	Ci.-S.	S.-Cu.	9	Ci.-S.	N. NE
10..	N	NE	NNE	N	NE	N	81.9	132.9	81.5	94.8	391.1	9	Ci.-S.	S.-Cu.	10	.....	N. NE
11..	NE	NNE	N	NNE	NE	NE	71	159.9	136.8	76.6	444.3	10	.....	N.	6	Ci.	Cu. NE
12..	N	N	N	N	N	N	71.9	82.3	78.3	75.6	308.1	10	.....	N. NE	10	.....	N. NE
13..	SW	NE	NE	NE	NE	Calm	79.9	63.4	97.4	28.6	269.3	9	.....	Cu.-N.	4	Ci.	Cu. NE
14..	N	N	NE	NE	SE	NE	63.3	59.2	82.4	36.5	241.4	3	Ci.	Cu.	4	Ci.	Cu. NE
15..	NE	NE	NE	NE	Calm	NE	53.9	63.3	73.4	46.9	237.5	4	Ci.	Cu. NE	5	Ci.	Cu. NE
16..	N	N	E	NE	N	N	48.3	68.1	133.6	55.2	305.2	9	.....	Cu.-N. E	4	Ci.	Cu. E
17..	N	N	NE	N	NE	N	71	84.7	90.1	86.9	332.7	5	Ci.	Cu. NE	8	.....	Cu.-N. NE
18..	N	N	NE	NE	N	N	86.7	171.9	129.2	86.9	474.7	5	Ci.-S.	Cu. NE	7	Ci.	Cu. NE
19..	N	N	NE	NE	NNE	N	77.2	123.9	146.4	91.1	438.6	6	.....	S.-Cu. NE	7	.....	Cu.-N. NE
20..	N	N	NE	NE	NNE	N	58.5	123.9	172.2	106.2	460.8	7	.....	S.-Cu. NE	7	.....	S.-Cu. NE
21..	N	N	NE	NE	NE	N	62	94.1	156.1	66	378.2	7	.....	S.-Cu. NE	8	.....	S.-Cu. NE
22..	N	N	NE	NE	NE	N	47.5	131.2	146.4	109.9	435	4	Ci.	Cu. NE	4	Ci.	Cu. NE
23..	N	N	NE	NNE	N	N	82.4	138.4	126.9	78.9	426.6	3	Ci.	Cu.	4	Ci.	Cu. NE
24..	N	N	NE	NE	N	N	74.1	109.4	84.7	54.5	322.7	3	Ci.	Cu. NE	6	Ci.-S.	Cu. NE
25..	N	N	N	NE	NE	N	89.6	101.9	106.5	83.7	381.7	8	.....	S.-Cu. NE	7	.....	Cu. NE
26..	N	N	NE	NE	N	Calm	76.1	99	117.5	54.7	347.3	3	Ci.	Cu. NE	6	Ci.-S.	Cu. NE
27..	N	N	NE	NE	N	N	70.8	106.7	125	51.8	354.3	3	Ci.	Cu. NE	3	Ci.	Cu. NE
28..	N	N	NE	NE	NE	N	77	130.9	118.6	38.6	365.1	6	Ci.-S.	Cu. NE	7	A.-Cu.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	65.9	98.2	112.2	68.8	345	6.2	.....	.....	6.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,660.8	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	59.93	60.14	60.62	59.02	60.19	61.24	60.19	25.1	24.3	29	28.5	24	25	26	29	23.6	76	81	68	62	90	83	76.7	.....
2..	60.56	60.63	61.39	59.83	60.28	61.53	60.70	24	24	27.5	27.7	26.4	24	25.6	29	23	83	81	64	65	73	86	75.3	12.2
3..	61.16	61 54	63.08	60.44	60.94	62.88	61.67	24.6	24.3	26.4	29.5	26.7	24.3	26	29.9	23	82	85	66	56	68	84	73.5	17
4..	62	61.44	61.93	59.83	60	60.99	61.03	23.4	23.5	27.7	29	27.4	25	26	29.5	22.5	88	89	68	58	70	81	75.7	4.6
5..	59.80	60.44	61.23	59.71	59.34	60.73	60.21	24.4	25	26.7	24.3	25.4	24	25	27	23.3	80	82	75	89	87	84	82.8	12.7
6..	59.88	60.29	60.88	58.89	59.44	60.82	60.03	23.3	24	28.5	29.5	27	26	26.4	30	22.5	87	83	65	58	77	76	74.3	2.5
7..	59.63	59.78	60.61	58 54	58.73	59.49	59.46	25.2	24	24.5	26.4	24	24	24.7	26.8	22.7	82	87	92	81	91	83	86	8.2
8..	57.85	57.93	58.88	57.30	57.79	59.15	58.15	23.5	24	25.4	26.5	26.2	24.5	25	27.3	22.5	87	87	84	80	82	87	84.5	1.3
9..	58.33	58.74	59.50	57.05	57.52	59.05	58.36	25	25	27.5	28.4	27.5	27	26.7	28.6	23.8	83	87	77	68	63	77	75.8	.....
10..	58.24	58.46	59.79	57.44	58.10	60.04	58.68	24.9	25.3	27	28.3	27	25.8	26.4	28.8	23.1	84	84	77	72	72	84	78.8	.....
11..	58.71	59.01	60.32	58.21	58.15	59.72	59.02	24.5	24.4	28	27.4	26.6	25.7	26.1	29.2	22.9	87	82	70	78	80	81	79.7	.....
12..	58.30	58.61	59.67	57.36	57.79	59.38	58.52	25.3	24.5	26.2	28.8	28	25	26.3	30.2	23.7	84	83	90	72	70	79	79.7	10.7
13..	58.37	58.66	59.39	57.23	57.56	59.79	58.50	24	23.5	27.8	28.5	27.5	26	26.2	29.5	22.5	83	85	67	68	75	76	75.7	.....
14..	59.21	59.79	60.27	58.26	58.24	60.12	59.32	25	24.3	27.4	29.5	28	25.8	26.7	30.7	23.5	83	83	77	66	72	81	77	.....
15..	59.38	59.65	60.62	58.39	58.57	60.43	59.51	24	24.3	28	30	28	26	26.7	30.8	22.9	83	82	70	63	70	80	74.7	.....
16..	59.91	60.44	61.09	59.16	59.17	60.64	60.07	24.6	24.3	28.1	28.8	27.5	25.9	26.5	30.5	23	80	81	73	62	66	75	72.8	.....
17..	60.21	60.81	62.03	59.92	60.49	61.85	60.88	24	23.5	25	28	27.4	25	25.5	29.4	22.7	78	82	83	68	70	78	76.5	6
18..	60.74	61.54	63.44	60.88	60.90	62.44	61.66	24.5	24.5	22.5	27.8	27	24.2	25.1	28.4	22	83	81	89	58	68	84	77.2	12.7
19..	61	61.66	62.14	60.12	60.23	61.03	61.03	23.3	24	27.5	28.4	27.5	25.2	26	29	22.8	87	80	68	62	63	74	72.3	.....
20..	60.11	60.33	61.17	59.03	59.10	59.76	59.92	24.5	24	26.6	27.4	26.5	24.5	25.6	29	22.5	81	83	68	60	69	78	73.2	.....
21..	59.49	59.56	60.09	57.84	57.94	59.27	59.03	23	23.7	27	28	28	25.5	25.9	28.7	22.3	83	79	73	67	63	75	73.3	.....
22..	58.93	59.19	60.22	57.87	58.25	60.35	59.14	25.8	25.5	28.9	29	28.7	25	27.2	30	24.5	77	80	65	68	69	82	73.5	.....
23..	58.98	59.84	60.12	57.97	57.97	59.10	59	25	25.4	29.2	29.8	28.5	26.3	27.4	30.5	24.4	83	80	63	60	67	74	71.2	.....
24..	58.35	58.46	59.62	57.39	57.78	59.27	58.48	25.2	25	28	30	28.5	26	27.1	30.9	24	80	82	71	62	70	80	74.2	.....
25..	58.74	58.92	59.96	57.96	58.37	59.63	58.93	25.9	25.7	28	29.7	28	27	27.4	30.5	25	78	81	74	63	70	77	73.8	.....
26..	58.63	59.17	59.98	58.20	58.38	60.23	59.10	26	25.6	29	29.5	28.3	27	27.6	31	24.9	80	79	68	68	73	78	74.3	2
27..	59.30	59.54	60.67	58.92	59.28	60.64	59.72	24.5	25.4	27.8	27.7	25	25.1	25.9	28.6	22.3	79	77	70	68	81	83	76.3	3.5
28..	59.79	59.65	61.22	59.03	58.68	59.79	59.69	24.9	25	24.1	25	24.8	24.5	24.7	26	22.5	83	83	91	82	89	83	85.2	13.5
29..	58.52	59.03	60.42	58.02	58.34	59.97	59.05	24.6	24.3	28.1	29	27.5	25.6	26.5	30.2	23.9	81	81	66	55	71	79	72.2	.....
30..	59.06	59.03	59.91	57.82	58.14	59.90	58.98	25.1	25.3	28.5	29.2	28.5	26.3	27.2	29.8	24.5	83	80	67	63	66	76	72.5	.....
31..	59.21	59.64	59.64	58.02	58.15	59.74	59.07	25	25.6	28.5	29.5	28.5	26.2	27.2	30	24.2	84	75	60	60	64	77	70.	.....
Mean	59.43	59.74	60.64	58.57	58.83	60.29	59.58	24.6	24.6	27.2	28.4	27.1	25.4	26.2	29.3	23.3	82.3	82.1	72.9	66.5	72.9	79.8	76.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106.9

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	N	N	W	72.4	89.6	116.5	41	319.5	5	Ci.	S.-Cu. NE	7	.....	Cu.-N. NE
2..	NW	N	NE	NE	N	N	58.7	96.6	157.7	83.7	396.7	4	Ci.	Cu. NE	8	.....	S.-Cu. NE
3..	NNE	N	NE	NE	N	N	81.2	150.7	133.6	44.8	410.3	9	.....	Cu.-N. NE	7	Ci.-S.	Cu. NE
4..	N	N	NE	NE	NE	N	57.5	126.3	119.1	88.5	391.4	8	.....	Cu.-N. NE	7	Ci.-S.	Cu. NE
5..	N	NE	NE	NE	NE	NW	62.2	86	78.9	27.4	254.5	5	.....	S.-Cu.	9	.....	Cu.-N. NE
6..	NW	N	NE	NE	NE	N	55.5	115.6	132.3	66.8	370.2	3	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
7..	NE	Calm	N	Calm	NNE	E	37	62.8	79.5	69.2	248.5	8	.....	Cu.-N. NE	7	.....	Cu.-N. NE
8..	Calm	Calm	SW	S	Calm	Calm	30.9	48.6	32.7	49.9	162.1	9	.....	S.-Cu. NE	7	.....	Cu.-N. SSW
9..	SW	SW	S	SW	S	W	49.9	90.1	165.8	57.1	362.9	4	Ci.	Cu. SSW	5	Ci.-S.	Cu. SW
10..	W	Calm	S	SW	SW	Calm	32.2	78.1	163.4	42.9	316.6	3	Ci.	Cu.	5	Ci.	Cu. SW
11..	Calm	Calm	SE	Calm	S	Calm	28	36.1	61.2	21.7	147	4	Ci.	Cu.	6	Ci.-S.	Cu.-N.
12..	S	Calm	ESE	SE	Calm	SE	28.7	41.3	55.5	41	166.5	6	Ci.-S.	Cu.	4	Ci.	Cu. SW
13..	Calm	N	NE	NE	NE	N	30.6	51.5	119.6	38.6	240.3	3	Ci.	Cu.	3	.....	Cu. NE
14..	Calm	N	S	NE	NE	Calm	24.6	44.2	70.8	39.6	179.2	3	Ci.	Cu. NE	5	Ci.-S.	Cu.-N. W
15..	Calm	N	Calm	NE	NE	Calm	37.3	26	93.3	45.9	202.5	4	Ci.	Cu.	3	Ci.	Cu. W
16..	N	N	SE	NE	NE	Calm	37	33.8	118.3	54.7	243.8	4	Ci.	Cu.	3	Ci.	Cu. W
17..	N	N	NE	NE	NE	N	37	54.7	83.7	74	249.4	3	Ci.	Cu.	5	Ci.	Cu.
18..	N	N	N	NE	NE	NE	79.9	98.9	81.3	85.1	345.2	7	.....	Cu.-N. NE	6	.....	S.-Cu. NE
19..	N	N	NE	NE	N	N	58.1	80.7	91.7	65.9	296.4	3	Ci.	Cu. ENE	5	Ci.	Cu. NE
20..	N	Calm	NE	NE	NE	Calm	50.1	125.3	111.9	25.7	313	4	Ci.	Cu. ENE	5	A.-Cu.	Cu. ENE
21..	NE	N	NE	NE	NE	N	42.6	100.6	108.4	46.1	297.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
22..	N	Calm	S	NE	NE	N	24.9	47.5	132.8	119.1	324.3	3	Ci.	Cu.	5	Ci.	Cu. ENE
23..	S	N	NE	NE	NE	N	77.4	79.6	112.7	65.2	334.9	4	Ci.	Cu.	3	.....	Cu. ENE
24..	N	N	NE	NE	NE	N	47.5	69.2	112.7	82.1	311.5	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
25..	NE	N	NE	NE	NE	N	44.3	79.7	141.6	73.5	339.1	3	Ci.	Cu. ENE	4	.....	Cu.
26..	N	N	NE	NE	NE	E	61.5	64.9	128.4	91.7	346.5	3	Ci.	Cu. ENE	5	Ci.	Cu.
27..	N	N	NE	NE	N	N	82.1	98.2	127.1	58.7	366.1	5	Ci.-S.	Cu ENE	8	.....	Cu.-N. ENE
28..	Calm	N	SE	NE	N	N	39.4	63.8	65.2	70.8	239.2	9	.....	Cu.-N. ENE	8	.....	Cu.-N. ENE
29..	N	Calm	NE	NE	NE	NE	59.5	74	150.7	63	347.2	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
30..	N	N	NE	NE	NE	N	57.7	100.4	125.5	91.7	375.3	6	.....	S.-Cu. ENE	3	Ci.	Cu. ENE
31..	N	N	NE	NE	NE	N	66	123.9	117.5	83.7	391.1	6	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	50.1	78.7	109.3	61.6	299.6	4.9	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,288.9	....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.89	58.99	59.69	57.69	57.59	59.62	58.74	25.3	25.5	28.4	30	28.6	26	27.3	31.5	24.3	81	80	68	56	60	75	70	.....
2..	58.15	58.51	59.02	56.89	57.27	58.73	58.10	25.4	25.5	28.5	29	28.2	26	27.1	30.5	24.5	77	80	66	68	66	76	72.2	.....
3..	57.68	58.11	58.28	56.28	57.09	59.24	57.78	25	24.7	28.9	29.5	27.4	25.3	26.8	30	23.8	82	83	65	61	72	80	73.8	.....
4..	58.71	58.81	59.13	57.16	57.52	59.54	58.48	25.4	25.3	28.8	29.5	28.8	26.7	27.4	30.5	24.2	77	76	59	57	59	73	66.8	.....
5..	58.31	58.54	58.89	57.01	57.59	58.92	58.21	25.8	25.8	28.9	29	27.8	25.6	27.2	30.6	24.5	75	78	62	68	70	82	72.5	.....
6..	57.77	57.80	58.38	56.68	57.02	58.80	57.72	24.8	26.2	28.6	28	27.7	26	26.9	29.8	23.9	85	77	69	73	70	76	75	1.3
7..	57.97	58.26	58.36	56.84	56.42	58.34	57.62	25	25.5	28.8	30.3	29.3	26.4	27.6	31	24	82	74	59	54	62	78	68.2	.....
8..	57.26	57.86	58.54	56.58	57.04	58.77	57.68	25.7	26.2	30	31	27.5	27	27.9	32	24.6	80	75	64	56	70	73	69.7	.....
9..	58.01	58.42	58.73	56.72	57.09	59.27	58.04	25.5	25	29.6	30	29	27.2	27.7	31.2	24.1	80	82	62	62	68	75	71.5	.....
10..	58.41	58.54	58.86	56.89	57.23	58.59	58.09	25.5	25.6	29	29.5	29	26.5	27.5	32	24.5	81	79	64	64	53	69	68.3	.....
11..	58.44	58.59	58.46	56.32	56.38	57.22	57.57	26	25.4	29.4	28	28.4	28.2	27.6	31	23.5	69	73	61	70	62	66	66.8	.8
12..	56	56.03	56.62	54.66	54.72	56.75	55.80	28	27.5	30	30	28.5	28.2	28.7	31	26	66	71	59	53	58	66	62.2	.....
13..	55.90	56	57.03	55.78	56.42	58.04	56.53	27.5	27.2	28.5	28.3	27.8	27.5	27.8	31	25.8	66	68	62	66	71	75	68	.....
14..	56.89	57.84	58.33	56.39	56.93	58.42	57.47	26.2	25.5	28.5	29	28	27	27.4	31.2	23.7	75	76	70	68	71	76	72.7	.....
15..	58.29	58.34	58.84	56.56	56.78	58.78	57.93	25.8	25.6	28.5	30.5	29.3	26.9	27.8	31.3	24	80	79	70	59	64	74	71	.....
16..	58.02	59.02	59.51	57.33	57.72	59.47	58.51	26	25	28.9	30.4	27.6	26.3	27.4	31.8	24.1	78	79	67	56	74	78	72	.8
17..	58.73	59.72	60.01	57.96	58.41	60.34	59.20	25.5	25.6	29.5	29.8	28.8	26.5	27.6	30.6	24.3	80	82	63	56	69	73	70.5	2.3
18..	59.72	60.35	60.69	59.07	59.28	61.19	60.05	25.8	25.2	29.4	29.5	28.9	26.3	27.5	30.7	24.6	80	81	62	55	56	70	67.3	1.3
19..	60.87	60.84	60.99	58.90	59.14	60.62	60.23	25.5	25.5	29	29.5	29	26.6	27.5	31	24.3	84	74	58	53	58	72	66.5	.....
20..	59.99	60.22	61.08	58.82	59.19	60.88	60.03	25.5	25.9	27.6	29.6	28.2	27	27.3	30.5	24.4	80	72	67	58	69	70	69.3	.....
21..	59.70	60.12	60.67	58.04	58.54	59.84	59.48	26	26.5	29.5	30	28.6	27.5	28	32	24.5	76	76	61	64	72	73	70.3	.....
22..	58.88	59.15	59.67	58.14	57.62	59.58	58.84	26.3	26.2	27	28.3	25.7	25	26.4	29.1	24.3	79	82	79	72	81	81	79	5.1
23..	58.86	59.04	60.33	58.27	59.34	61.12	59.49	25.4	24.5	29	29.6	28.4	27.1	27.3	30.6	23.8	80	82	64	62	70	76	72.3	.....
24..	59.97	60.02	60.48	58.72	59.32	61.09	59.93	26.5	26.5	29.9	30	28.5	27.9	28.2	31.2	25.4	78	79	65	61	70	71	70.7	.....
25..	60.27	60.32	60.86	58.62	58.77	60.32	59.86	26.5	26.5	29.4	30.2	29	27.2	28.1	31	25.4	78	77	63	59	64	75	69.3	.....
26..	59.14	59.19	59.88	57.71	57.98	59.49	58.90	26.5	27	29	30	28.8	27.6	28.2	30.6	25.4	76	77	64	60	65	73	69.2	.....
27..	58.11	58.11	59.33	56.81	57.28	58.99	58.10	26.3	27	28.6	31	28	26.3	27.9	31.2	24.4	79	78	67	59	75	78	72.7	6.4
28..	58.03	58.16	58.92	56.56	57.32	59.32	58.05	26.1	26.6	29.9	29.5	29	27.4	28.1	30.6	24.4	82	80	61	59	64	70	69.3	17.5
29..	58.38	59.05	59.73	57.83	58.44	59.77	58.87	26.5	27	28.5	30.5	**29**	27.5	28.2	31	25.9	78	77	68	56	68	73	70	.....
30..	58.90	59.72	59.44	57.97	58.02	59.72	58.96	26.2	25.7	29.1	30.1	**29.2**	27.2	27.9	30.6	25.4	79	78	64	54	60	73	68	.....
Mean	58.48	58.79	59.29	57.29	57.65	59.36	58.48	25.9	25.9	29	29.7	28.4	26.8	27.6	30.9	24.5	78.1	77.5	64.4	60.6	66.4	74	70.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	NE	58.7	99	106.2	60.2	324.1	4	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
2..	NE	NE	NE	NE	N	N	57.7	115.4	99.8	60	332.9	6	Ci.-S.	s.-cu. ENE	6	Ci.-S	Cu. ENE
3..	N	N	NE	NE	NE	N	39.7	119.1	157.7	97.6	414.1	4	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
4..	N	N	NE	NE	NE	N	68.2	123.9	139.5	71.3	402.9	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
5..	N	N	NE	NE	N	N	71.3	158.8	138.4	51.5	420	4	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
6..	N	Calm	NE	NE	NE	NE	37	95	95	53.3	280.3	4	Ci.-S.	s.-cu. ENE	7	Ci.-S.	Cu.-N. ENE
7..	NE	NE	NE	NE	NE	NE	55.7	82.6	95	46.2	279.5	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
8..	NE	NE	NE	NE	N	NE	56.8	75.6	134.4	64.6	331.4	3	Ci.	Cu. ENE	3	Ci.	Cu.
9..	N	Calm	NE	NE	NE	Calm	25.2	85.6	124.1	52.6	287.5	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
10..	N	N	NE	NE	N	N	44.1	110.7	111	47	312.8	4	Ci.-S.	Cu. ENE	6	Ci.	Cu.
11..	N	Calm	S	SE	N	N	68.1	43.5	72.4	75.1	259.1	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. N
12..	NE	NW	W	W	SW	W	56.8	57.1	82.3	65.?	261.2	9	Ci.-S.	Cu. N	9	Ci.-S.	cu.-N. WNW
13..	W	SW	SSW	S	S	SW	37?	108.8	99.3	59.8	304.9	7	Ci.-S.	Cu. WNW	8	.....	cu.-N. WNW
14..	SW	SW	SE	SE	S	Calm	27.6	52.1	54.7	40.7	175.1	4	Ci.-S.	Cu.	5	Ci.-S.	Cu.
15..	SW	Calm	SE	SE	NE	N	24.1	31.1	66.6	47.7	169.5	4	Ci.	Cu.	5	Ci.	Cu.
16..	Calm	N	NE	W	NE	N	22	71.1	78.1	44.6	215.8	4	Ci.-S.	Cu.	5	A.-Cu.	Cu.
17..	Calm	Calm	NE	NE	Calm	SE	18.2	86.9	96.1	30	231.2	7	.....	Cu.-N. NE	6	.....	Cu.
18..	N	N	NE	NE	NE	N	39.7	93.3	134.4	50.2	317.6	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
19..	NE	N	NE	NE	NE	N	57.9	121.2	126.3	52.3	357.7	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
20..	N	N	NE	NE	NE	N	72.4	126.3	127.9	85.3	411.9	7	.....	s.-Cu. ENE	7	.....	S.-Cu. ENE
21..	Calm	N	NE	NE	NE	NE	47.5	90.9	143.8	57.3	339.5	6	.....	s.-cu. ENE	6	Ci.-S.	Cu. ENE
22..	NE	Calm	NE	NE	NE	N	39.4	77.4	105.2	45.9	267.9	8	.....	cu.-N. ENE	8	.....	Cu. ENE
23..	N	N	NE	NE	NE	N	37.8	86.9	125.5	59	309.2	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
24..	N	N	NE	NE	NE	NE	42.3	103	148.7	125.7	419.7	3	Ci.	Cu. ENE	5	Ci.	Cu. ENE
25..	N	NE	NE	NE	NE	N	68.9	98.2	138.6	92.7	398.4	4	Ci.	Cu. ENE	6	Ci.-S.	Cu. ENE
26..	N	N	NE	NE	NE	Calm	52.5	71.4	132	31.7	287.6	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
27..	Calm	Calm	NNE	NE	Calm	NW	33.8	65.7	73.4	40	212.9	4	Ci.	Cu. ENE	5	Ci.-S.	Cu. ENE
28..	NE	N	NE	NE	NE	N	37	74	112.3	68.1	291.4	8	.....	cu.-N. ENE	3	Ci.	Cu.
29..	N	N	NE	NE	NE	N	59.5	68.6	115.9	68.9	312.9	4	Ci.	Cu. ENE	3	Ci.	Cu.
30..	N	N	NE	NE	NE	N	55.5	97.6	129.3	77.2	359.6	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	47.1	89.7	112.1	60.7	309.6	4.7	.....	.....	5.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,288.6	....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.64	58.77	59	56.93	57.33	58.78	58.24	26.5	26.8	29.6	30.3	27.8	26.9	28	32.1	25.5	77	78	61	57	74	74	70.2	
2..	57.72	58.19	58.62	57.69	57.96	59.34	58.25	26	26	29.6	24.5	24.5	25	25.9	31	23.2	79	78	66	90	92	83	81.3	35
3..	57.84	58.29	58.89	56.90	57.43	59.52	58.14	25.1	25.7	29	30	28.5	27.2	27.6	30.6	23.8	83	81	68	64	69	75	73.3	.....
4..	58.67	59.08	59.96	57.80	58.68	60.04	59.04	26.3	27.3	29	30.1	28.9	26.4	28	31.5	25.3	80	75	64	60	65	81	70.8	.....
5..	58.99	59.62	60.08	57.78	58.09	59.39	58.99	26.1	27.3	29.9	30.9	29.4	27.5	28.5	31.4	25	82	77	62	59	63	73	69.3	1.3
6..	58.36	58.70	58.70	56.46	57.32	58.63	58.03	25.5	26.6	29.5	30	28.6	27	27.9	30.9	25	86	80	56	53	71	76	70.3	.....
7..	57.44	58.46	58.44	55.79	56.99	58.67	57.63	26.4	26.7	29.5	31.2	28.8	27.5	28.4	31.8	25.8	77	77	61	54	71	73	68.8	1
8..	57.20	57.64	58.15	55.62	56.45	57.89	57.16	26.1	25.6	28	28	28.1	26.5	27	29.3	24.3	79	84	74	79	71	80	77.8	24.4
9..	57.14	57.54	57.82	55.72	56.62	58.72	57.26	25.3	26.4	28.3	30.7	29.2	27.8	28	32	24.8	81	79	70	61	66	74	71.8	.....
10..	57.76	58.38	59.25	56.93	57.66	59.67	58.28	26.6	26.8	31.1	31	30.4	27.2	28.8	32.7	25.6	80	77	56	53	56	71	65.5	.....
11..	58.59	58.85	58.51	56.93	57.04	59.12	58.17	26.1	26	29.5	30.6	29.7	27.5	28.2	31.7	25.3	76	78	61	62	60	73	68.3	3.8
12..	58.74	58.35	58.90	57.47	57.62	58.56	58.27	25.9	25.2	26	26	26.3	25.1	25.8	27.7	24.7	85	83	86	84	79	83	83.3	5.1
13..	58.23	58.04	58.99	57.49	58.31	59.79	58.48	24.7	25.2	29	30	28.1	27.2	27.4	30.2	24	86	84	64	62	70	75	73.5	.....
14..	59.69	59.77	59.81	58.01	58.47	60.30	59.34	26	25.8	28.8	31	28.8	27.1	27.9	31.5	24.9	78	81	71	59	67	76	72	.....
15..	59.59	59.95	59.82	57.97	57.79	59.47	59.10	26.1	26.6	30	31.5	29	27.1	28.4	32.2	25.3	79	78	60	53	64	75	68.2	.....
16..	58.46	58.67	58.87	56.34	56.81	58.28	57.90	26.3	27.3	30.5	31.5	29.1	27	28.6	31.8	25	79	75	58	57	68	72	68.2	.....
17..	57.34	57.66	57.97	55.77	56.07	58.07	57.15	26.5	26.5	30.5	30.7	29.5	28.4	28.7	32.3	25.1	76	76	62	59	64	69	67.7	3
18..	57.37	57.58	58.21	56.65	57.14	59.17	57.69	26	26.8	29.4	30.5	28.9	27.5	28.2	31.1	25.5	80	78	64	61	68	73	70.7	.....
19..	58.31	58.85	58.86	56.66	56.87	59.02	58.09	26.1	26	29.7	31.6	30.3	28	28.6	31.9	25.3	82	79	63	51	59	70	67.3	.....
20..	58.24	58.89	58.75	56.72	56.84	58.62	58.01	26.5	26.3	31	31	29.3	27.3	28.6	32.6	25.4	79	78	56	55	64	70	67	.....
21..	57.59	58.41	58.54	56.56	56.89	59.04	57.84	25.9	25.8	29	31.8	29.5	26.5	28.1	32.3	24.5	74	80	70	53	57	73	67.8	.....
22..	57.94	58.77	58.98	57.40	57.22	58.92	58.20	25.5	26	29	31.5	29.3	27.4	28.1	32.5	24.1	78	76	63	52	62	72	67.2	.....
23..	58.11	58.89	59.11	56.65	56.60	58.23	57.93	25.3	26.5	29.4	31.7	29.6	27.7	28.4	32.8	24	85	71	62	50	61	72	66.8	.....
24..	58.07	58.37	58.47	56.20	56.27	58.19	57.60	26	27.4	30	31.8	29.4	27	28.6	32	25	75	70	65	55	62	72	66.5	.....
25..	58.09	58.09	58.73	56.97	57.28	59.19	58.06	26.8	27	29.4	32.2	29.5	28.4	28.9	32.5	26	77	77	66	53	68	68	68.2	.....
26..	58.34	58.76	59.66	57.24	57.31	59.29	58.43	27.3	28	29.5	31	28.8	28.4	28.8	31.5	26.7	71	70	63	58	65	71	66.3	.....
27..	59.07	59.57	60.12	57.47	58.16	59.69	59.01	26.5	27.5	29	31	29	28.1	28.5	31.5	25.5	75	73	71	59	64	73	69.2	.....
28..	58.63	59.49	59.38	57.11	57.85	58.64	58.52	27.5	26.2	29.1	30.8	29.5	26.9	28.3	31	26	73	81	72	62	68	80	72.8	24.4
29..	58	58.80	58.85	57.31	58.02	59.32	58.38	26.3	26.6	29.5	30.5	29.8	28	28.4	32	25.8	80	80	68	60	65	71	70.7	.....
30..	59.52	59.87	59.68	57.56	58.32	59.62	59.10	26.7	27.5	29	31.2	29.7	27	28.5	32	25.3	79	73	68	58	63	72	68.8	.....
31..	58.97	59.61	59.32	57.66	58.20	58.97	58.79	26	27.8	30	31	29.9	28.3	28.8	32.3	25	72	71	63	52	55	68	63.5	.....
Mean	58.28	58.71	58.98	56.96	57.41	59.04	58.23	26.1	26.5	29.4	30.5	28.9	27.3	28.1	31.6	25.2	78.8	77.4	65	59.5	66.2	73.8	70.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	53.9	95.8	138.4	82.1	370.2	3	Ci.	Cu. ENE	5	Ci.	Cu.
2..	N	N	NE	NE	N	N	70.3	101.9	121.5	75.9	369.6	3	Ci.	Cu. ENE	8	.....	Cu.-N. ENE
3..	N	N	NE	NE	N	N	70.5	82.9	117.5	71.5	342.4	4	Ci.	Cu. ENE	4	Ci.	Cu.
4..	N	N	NE	NE	NE	SE	58.2	99.6	103	64.9	325.7	3	Ci.	Cu. ENE	4	Ci.-S.	Cu. ENE
5..	N	N	NE	NE	NE	N	49.9	83.4	117.8	121	372.1	3	Ci.	Cu. ENE	3	Ci.	Cu. ENE
6..	NE	N	NE	NE	NE	N	63.3	113.8	169	97.2	443.3	3	Ci.	Cu. ENE	6	.....	S.-Cu. ENE
7..	N	N	NE	NE	S	SE	65.4	84.7	77.2	37.6	264.9	6	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
8..	SE	Calm	W	Calm	E	NE	28.4	48.3	36.7	42.3	155.7	7	.....	Cu.-N. ENE	8	Ci.-S.	Cu.-N. NE
9..	N	NE	SE	NE	NE	N	46.6	35.7	71.5	47.2	201	5	Ci.	Cu.-N. NE	5	Ci.	Cu. ENE
10..	NE	N	ENE	NE	NE	E	30.8	56.9	85.3	58.7	231.7	4	Ci.	Cu. ENE	7	A.-Cu.	Cu.
11..	N	NE	NE	NE	NE	NE	74.8	64.6	92.3	57.1	288.8	5	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu. ENE
12..	E	NE	NE	N	N	N	76.9	38.9	71.5	33.2	220.5	9	.....	Cu.-N. ENE	9	.....	Cu.-N. NE
13..	N	N	NE	NE	NE	NE	33.2	73.8	127.1	88.5	322.6	5	Ci.	Cu.-N. ENE	5	Ci.-S.	Cu. ENE
14..	N	Calm	N	NE	NE	N	39.4	64.4	113	66	282.8	4	Ci.-S.	Cu. ENE	3	Ci.-S.	Cu. ENE
15..	N	NE	NE	NE	NE	N	57.9	70.5	106.2	69.9	304.5	5	Ci.-S.	Cu. ENE	3	Ci.	Cu.
16..	N	N	NE	NE	NE	NE	53.1	85.8	152.7	64.3	355.9	2	Ci.	Cu.	3	Ci.	Cu.
17..	N	N	NE	NE	NE	Calm	51.7	57	115.1	53.1	276.9	2	Ci.	Cu. ENE	5	Ci.-S.	Cu.
18..	Calm	Calm	NE	NE	NE	Calm	39.4	77.2	.....	.....	[a]116.6	6	.....	Cu.-N. ENE	6	Ci.-S.	Cu. ENE
19..	Calm	N	NE	NE	NE	N	33?	78.1	113	64.1	288.2	3	Ci.	Cu. ENE	3	Ci.	Cu.
20..	N	N	NE	NE	NE	N	36.4	76.3	116.6	59.8	289.1	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
21..	N	N	SE	S	NE	N	41.5	46.1	80.5	53.1	221.2	3	Ci.	Cu. ENE	6	Ci.	Cu. ENE
22..	N	N	S	NE	NE	Calm	36.4	47.3	83.7	33.2	200.6	3	Ci.	Cu. ENE	3	Ci.	Cu. SW
23..	Calm	N	SE	S	NE	Calm	36.1	41.8	67	29.6	174.5	3	Ci.	Cu.	3	Ci.	Cu. SW
24..	N	Calm	SE	SE	NE	N	49.4	39.7	73.7	42.8	205.6	3	Ci.	Cu.	4	Ci.	Cu. SW
25..	Calm	SW	S	S	SW	SW	34.4	60.4	112.7	100.9	308.4	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
26..	SW	SW	S	S	SW	SW	75.3	145.6	165.8	84.5	471.2	4	Ci.-S.	Cu. SW	3	Ci.	Cu.
27..	SW	Calm	SW	S	SW	SW	17.7	89.3	160.9	64.4	332.3	3	Ci.	Cu.	5	Ci.	Cu. SW
28..	SW	N	S	S	S	SE	63.8	58.6	97.4	44.3	264.1	4	Ci.	Cu. SW	3	Ci.	Cu.
29..	Calm	Calm	S	NE	NE	W	29	46.7	97.4	54.4	227.5	4	Ci.	Cu. SW	4	Ci.	Cu.
30..	SW	NW	S	S	NE	N	32.5	41	78.6	41.5	193.6	3	Ci.	Cu.	4	Ci.	Cu.
31..	NW	NW	SE	NE	NE	Calm	50.6	54.7	93.8	26.2	225.3	4	Ci.	Cu. ENE	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	48.4	69.7	101.8	59	278.9	3.9	.....	.....	4.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]8,646.8	.....	.....	.....	.....	.....	.....

[a] 12 hours missing.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.17	59.31	59.72	58.45	58.52	59.18	59.06	27.1	27.8	29.1	30.5	28.8	27.4	28.4	33.2	25.9	75	74	66	56	67	73	68.5	0.8
2	57.76	59.07	59.51	57.16	57.92	59.08	58.42	26.5	25.3	28	30.5	29	26.8	27.7	30.8	24.2	76	83	70	59	66	78	72	3.3
3	58.25	58.62	58.69	56.42	57.45	59.44	58.14	25.5	27	28.5	29.7	27	25.5	27.2	31	23.7	80	77	67	61	70	80	72.5	16.6
4	57.90	58.34	58.41	57.12	57.25	59.07	58.02	25	25.7	27.5	26	26	25	25.9	28.5	23.7	83	77	73	80	78	83	79	16.6
5	57.66	58.11	58.29	56.20	56.93	58.67	57.64	25	24.4	26	27.8	24.2	24.1	25.2	28	23.2	83	84	81	71	90	90	83.2	39.1
6	56.55	57.08	57.44	55.93	56.43	58.49	56.99	25	24.8	28	29.9	28	25.7	26.9	30.2	23.3	80	81	71	65	77	77	75.2	5.8
7	57.77	58.08	58.68	56.82	57.69	60.43	58.24	25.8	26.2	28	30	27.4	24.1	26.9	30.4	23.8	77	79	74	62	78	82	75.3	2.3
8	59.31	59.15	59.82	58.91	59.51	60.66	59.56	24.7	24.9	27.7	28.5	26.4	25	26.2	30.6	23	80	79	73	70	73	83	76.3	3.3
9	59.58	59.24	60.22	59.61	59.69	59.81	59.69	24.8	25.8	28	27.5	25.5	25	26.1	29	24	84	76	79	77	85	83	80.7	4.3
10	59.40	58.63	59.24	57.10	58.57	59.86	58.80	24.6	24.9	27.5	29	23.5	23.9	25.6	29.6	22.4	82	84	76	71	96	91	83.3	60.2
11	58.69	58.83	59.29	57.05	57.87	59.89	58.60	23.8	24.4	27.5	29.2	28.2	27.2	26.7	29.4	22.7	89	85	77	67	74	76	78	.....
12	59.33	59.71	59.62	57.97	58.48	60.20	59.22	25.3	25.3	28.9	29.8	29.2	27.2	27.6	30.2	24.3	83	83	71	63	73	77	75	.....
13	59.03	59.74	60.07	58.31	59.03	60.32	59.42	27	27	29.2	30.8	28.6	27.5	28.4	31.3	25.3	79	80	72	64	75	77	74.5	26.7
14	59.42	59.93	59.82	57.98	58.57	59.87	59.26	26.2	25.4	29.3	31	28.5	26.7	27.8	32.5	22.7	81	80	72	59	78	86	76	3.6
15	58.95	59.12	58.95	57.59	57.91	59.68	58.70	26.3	27.8	30.5	31.2	30.3	27.9	29	32.3	25	83	78	65	60	64	78	71.3	.....
16	58.94	59.17	59.78	57.86	58.02	59.40	58.86	27.3	27.6	29.8	30.6	29.7	27.2	28.7	31.1	25.7	82	79	73	65	69	79	74.5	.....
17	58.97	59.08	59.86	57.50	58.27	59.97	58.94	26.5	26.4	29.4	31.2	29	26.2	28.1	32.7	23.1	84	82	75	64	74	81	76.1	13
18	59.09	58.90	59.28	58.43	58.84	60.19	59.12	24.6	25.4	28.4	25.5	26.8	25.8	26.1	31.8	23.7	89	84	76	83	82	84	83	.3
19	59.18	59.19	59.84	57.72	58.57	59.67	59.03	25.7	26.8	29	30.6	29.5	26.8	28.1	32	24.3	86	80	75	62	69	78	75	4.1
20	58.95	59.04	59.63	57.77	58.22	59.64	58.88	26.3	26.4	30.2	30.5	28.7	27.6	28.3	31.3	24.8	80	79	66	60	73	74	72	7.9
21	58.26	58.92	58.94	56.93	57.19	59.65	58.32	25.9	25	29	30.5	28.6	24	27.2	31.6	23.2	85	88	71	62	73	93	78.7	37.8
22	58.15	58.29	58.39	56.78	57.36	58.92	57.98	24.5	25.4	29.4	30.6	28	26.9	27.5	31.3	23.8	90	87	72	65	77	81	78.7	20.4
23	58.02	58.19	58.88	56.65	57.09	59	57.97	24.6	25.9	28.8	30.5	29.4	26.6	27.6	31.6	23.4	88	85	72	67	66	79	76.2	3.6
24	57.82	57.89	58.34	56.11	56.94	57.78	57.48	25.5	26.2	29.4	31.1	28.8	27.7	28.1	31.4	23.3	86	82	68	60	72	74	73.7	.....
25	56.77	57.17	57.09	56.01	56.34	57.39	56.80	26.9	27	30	30	28.2	27.8	28.3	31	26.1	76	77	62	59	70	73	69.5	1.3
26	55.47	54.99	55.84	55.16	54.25	55.36	55.18	27.4	27.2	26.3	25.2	26.7	26.5	26.6	27.9	24.9	75	75	82	90	77	79	79.7	13.7
27	54.34	53.66	53.66	52.47	52.86	53.91	53.48	26.1	24.5	25	25	24.7	24.5	25	26.6	23.1	82	90	87	90	90	90	88.2	12.5
28	52.77	52.83	53.27	51.94	51.78	52.74	52.56	25.7	26.3	27.3	28	27.8	27.5	27.1	29	24.3	82	79	69	76	71	76	75.5	.....
29	52.14	52.96	53.99	52.85	53.89	55.89	53.62	27.9	26.9	27.5	29	27.5	28	27.8	29.5	23.9	69	77	76	71	73	77	73.8	5.8
30	56.31	56.17	56.48	55.41	56.61	57.84	56.47	25	26	28.7	29.3	28.7	27.5	27.5	29.7	24.2	86	79	67	69	73	72	74.3	.....
Mean	57.80	57.98	58.37	56.74	57.27	58.73	57.82	25.8	26	28.4	29.3	27.8	26.3	27.3	30.5	24	81.8	80.8	72.6	67.6	75.1	80.1	76.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	303

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	N	SE	NE	NE	Calm	25.9	49.5	113	62.8	251.2	3	Ci.	Cu.	6	Ci.-S.	Cu.
2	SW	Calm	Calm	SE	S	W	59.3	29.6	72.9	47.5	209.3	8	Ci.-S.	Cu.	5	Ci.-S.	Cu. ENE
3	Calm	Calm	SE	S	NW	N	44.9	37.2	67.3	52.8	202.2	4	Ci.	Cu.	6	Ci.-S.	Cu.
4	Calm	SW	S	SW	SW	W	45.1	75.3	65.4	32.2	218	7	A.-Cu.	Cu.-N.	8	.....	Cu.-N. SW
5	SSE	SW	SW	SW	W	NW	78.1	128.7	131	32.7	370.5	8	A.-Cu.	Cu.-N. SW	8	.....	Cu.-N. SW
6	SW	SW	S	SW	SW	W	102.2	141.6	165.7	57.6	467.1	7	Ci.-S.	Cu.-N. SW	6	Ci.-S.	S.-Cu. SW
7	SW	SW	S	SW	SW	SSW	59.8	86.6	134.1	95.6	376.1	6	Ci.-S.	S.-Cu. SW	4	Ci.	Cu. SW
8	SW	Calm	S	N	SW	Calm	36.5	43.1	82.1	42.6	204.3	3	Ci.	Cu.	8	Ci.-S.	S.-Cu. W
9	W	N	Calm	Calm	Calm	NW	36.2	20.1	33.8	39.4	129.5	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. N
10	NW	NW	S	S	N	Calm	34	47.3	83.1	18.3	182.7	8	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
11	SW	W	S	S	SW	SW	41.5	75.9	104.6	65.2	287.2	5	Ci.-S.	Cu.	7	Ci.	Cu. NW
12	Calm	Calm	S	S	SW	W	34	60.6	71.9	42.9	209.4	7	.....	Cu.	2	Ci.	Cu.
13	W	W	S	S	Calm	Calm	52.3	42.1	55.3	29.8	179.5	3	Ci.	Cu.	3	Ci.	Cu.
14	NW	NW	Calm	NE	S	Calm	72.9	47.5	74	34.8	229.2	9	.....	N.	3	Ci.	Cu.
15	Calm	N	N	NE	N	Calm	34.4	51.5	79.5	27.1	192.5	7	Ci.	Cu.	4	Ci.	Cu.
16	Calm	W	NE	NE	NE	N	26.9	78.6	106.2	49.9	261.6	4	Ci.	Cu.	3	Ci.	Cu.
17	NW	NW	S	NE	NE	SW	48.9	37	78.1	85.3	249.3	5	Ci.	Cu. NE	3	Ci.	Cu.
18	N	N	Calm	SW	SW	Calm	44.3	28.2	71.6	37.5	181.6	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
19	N	N	Calm	NE	NE	NW	38.3	32.4	102.4	58.2	231.3	8	Ci.-S.	S.-Cu. E	3	Ci.	Cu. NE
20	N	N	E	NE	NE	N	55.5	53.6	135.4	74.5	319	6	Ci.	S.-Cu. NE	4	Ci.	Cu. NE
21	SE	Calm	NE	NE	NE	NW	38.1	50.7	50.1	41.6	180.5	10	.....	N.	8	Ci.-S.	S.-Cu. E
22	W	Calm	NE	SE	SW	W	27.4	37.8	80.2	33.3	178.7	8	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. E
23	NW	NW	S	S	Calm	W	48.3	29.8	32.5	41.5	152.1	4	Ci.	Cu.-N. SE	3	Ci.	Cu.
24	SW	Calm	S	S	SW	SW	66	36.7	93.3	150.2	346.2	4	Ci.	Cu.	5	Ci.-S.	Cu.
25	SW	SW	SW	SW	WSW	SW	63.6	134.9	99.5	63.9	361.9	5	Ci.-S.	Cu. SW	8	.....	Cu.-N. SW
26	SW	WSW	WSW	Calm	SW	SW	122.3	111.8	109.9	114.8	458.8	10	.....	cu.-N. NW	10	.....	Cu.-N. W
27	SW	SW	SW	SW	SW	SW	154.5	215.6	271.9	241.4	883.4	10	.....	cu.-N.wsw	10	.....	Cu.-N. SW
28	SW	SW	SW	SSW	SW	SW	291.3	400.7	381.5	312.2	1,385.7	9	.....	cu.-N. SW	9	.....	Cu.-N. SW
29	SW	SW	SW	SW	SW	SW	380.8	332.9	318.9	200.3	1,232.9	9	.....	cu.-N. SW	9	Ci.-S.	Cu.-N. SW
30	SW	SW	S	S	SW	SW	116.7	174.1	189.9	117.2	597.9	5	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
Mean	.....	.....	.....	.....	.....	.....	76	89.7	115.2	76.8	357.7	6.5	.....	.....	6.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,729.6	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.89	57.99	58.91	57.53	57.69	59.53	58.09	26.5	26	28.6	30.3	29	28	28.1	31	24	76	78	73	66	66	70	71.5	.....
2..	58.87	59 10	58.78	57.12	57.84	58.99	58.45	27	26	29	31.6	29.9	28	28.6	32.5	24.9	75	78	71	61	67	70	70.3	16.5
3..	58.75	58.70	58.48	56.51	57.43	58.53	58.07	24.8	25.2	28	30	24	24.3	26	30.4	23.6	91	88	74	67	91	89	83.3	15
4..	57.81	56.96	57.28	55.72	55.64	57.34	56.79	24.4	26	28.9	28.5	28.2	27.5	27.2	29.5	24.2	88	79	67	75	70	73	75.3	6.4
5..	56.02	55.76	56.02	54.75	54.83	55.99	55.56	26	26.3	28.3	28.2	26	26.2	26.8	28.7	24.5	78	74	68	69	78	76	73.8	.8
6..	55.74	55.49	56.39	55.51	55.75	57.43	56.05	25.4	25.5	27.5	29.4	27.5	27.5	27.1	29.6	24	80	82	81	62	73	73	75.2	7.7
7..	57.08	57.71	58.05	57.45	58.17	59.27	57.96	24.4	25.8	27.8	25	25.6	25.6	25.7	28.8	23	90	79	75	86	88	81	83.2	8.1
8..	58.68	58.36	58.90	56.86	57.02	57.70	57.92	25.5	25.3	28.4	30.7	28.9	27.4	27.7	31	24.5	80	81	71	52	66	72	70.3	.....
9..	56.41	57.51	57.23	55.59	55.44	57.19	56.56	27	26.8	29.1	30.8	29	28.2	28.5	30.9	26.5	75	74	67	54	66	68	67.3	.....
10..	56.42	56.99	57	55.55	56.12	57.34	56.57	27.3	26.6	28.9	31	29.5	28.2	28.6	31.2	26.4	72	74	67	58	63	69	67.2	.....
11..	57.05	57.23	57.78	56.64	56.66	58.17	57.26	27.3	26.6	28.3	29	28.7	28.3	28	29.6	26.2	73	76	72	68	74	68	71.8	.....
12..	58.14	58.34	58.89	57.81	57.66	58.92	58.29	27.3	26.3	28.6	30.4	29.2	28.4	28.4	30.5	25.9	72	81	73	58	69	65	69.7	.....
13..	58.63	58.77	58.85	57.58	57.93	59.40	58.53	28.4	27.7	29	30	30.3	28.8	29	30.4	27.3	68	71	71	66	57	63	66	.....
14..	58.40	58.70	58.40	57	57.20	58.50	58.03	27.8	27	29	30	30.2	28.6	28.8	31.3	26.3	69	73	71	67	64	66	68.3	.....
15..	57.60	57.77	58.43	56.86	57.16	57.98	57.63	27.8	27.4	28.5	29.7	27.4	28	28.1	30.1	26.6	70	74	77	71	78	70	73.3	.3
16..	57.57	58.44	58.88	57.57	58.25	59.24	58.32	27.2	27.1	28.8	29.7	28.8	28.6	28.4	30	26.6	72	73	70	67	71	66	69.8	.....
17..	58.30	59.49	59.36	57.56	57.98	59.97	58.78	27.5	27.2	29	29.6	29.5	28.3	28.5	30.2	26.3	72	75	71	70	66	70	70.7	.....
18..	59.08	59.28	58.84	57.07	57.53	58.89	58.45	28	27.1	28.8	29.6	29.3	28.5	28.6	30	26	69	69	69	70	69	67	68.8	.....
19..	58.64	58.76	59.34	57.83	57.37	58.93	58.48	27.5	27.4	28.7	29.5	29.2	28.2	28.4	30	26.3	72	69	68	68	70	72	69.8	.....
20..	57.85	58.52	59.32	57.15	57.86	59.25	58.32	27.3	27.3	28.7	29.8	29.5	28.2	28.5	30	26.2	71	69	69	67	67	72	69.2	.....
21..	58.27	59.02	59.03	56.93	57.30	58.86	58.24	27.8	27.3	28.5	29.5	29.5	28.6	28.5	30.4	25.1	73	73	71	69	71	68	70.8	.....
22..	57.97	58.20	57.78	55.47	55.88	57.72	57.17	27.2	27.6	29	29.5	29	28.1	28.4	29.7	25.2	72	74	64	68	74	71	70.5	.....
23..	56.63	56.89	57.23	55.44	55.48	56.99	56.44	26.7	26.9	29	29.8	30	28.2	28.4	30.9	26	79	77	71	70	62	74	72.2	.....
24..	56.50	56.53	56.82	55.75	56.13	57.67	56.57	27	27.3	28.6	25.8	28.7	27.8	27.5	29.3	23.7	77	76	77	87	72	76	77.7	11.7
25..	56.58	57.07	56.98	55.92	56.28	57.64	56.74	26.8	27	28.1	29.3	28 5	27.2	27.8	29.6	25.9	78	80	77	69	70	77	75.2	.....
26..	57.11	57.23	57.23	55.63	56.46	57.64	56.88	26.5	26.8	28.5	29.2	29	27.5	27.9	30	26	80	78	76	72	72	76	75.7	.....
27..	56.85	57.71	57.95	56.24	56.73	58.43	57.32	27.2	27	28.3	29.4	27.7	26.8	27.7	29.6	26.4	77	77	70	70	81	78	75.5	.....
28..	57.28	57.46	57.97	56.30	56.97	58.47	57.41	26.7	26.4	28.8	30	28.3	27.4	27.9	30.6	26.2	79	85	72	67	75	78	76	.....
29..	58.34	58.68	58.33	57.36	57.99	59.19	58.32	26.8	26.9	28.8	29.3	28.3	27.5	27.9	30	24.9	80	83	74	65	75	78	75.8	.....
30..	58.93	59.03	59.84	58.21	58.51	60.16	59.11	24.6	25.7	28.8	30	30	27.5	27.8	31	23.9	87	86	72	66	65	73	74.8	.....
31..	59.74	60.23	60.78	58.80	58.96	60.59	59.85	26	26	28.5	31.5	29.4	27.5	28.2	32	25.5	82	84	74	63	68	76	74.5	.....
Mean	57.68	58	58.23	56.70	57.04	58.45	57.68	26.7	26.6	28.6	29.6	28.6	27.7	28	30.3	25.4	76.7	77.1	71.7	67.4	70.9	72.4	72.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	Calm	SE	S	S	SW	44.3	38.4	120.2	46.9	249.8	3	Ci.-S.	Cu. SW	6	Ci.-S.	Cu. SW
2..	W	Calm	S	Calm	Calm	SW	24.7	31.6	35.7	69.4	161.4	3	Ci.	Cu.	6	A.-Cu. E	Cu.
3..	N	Calm	S	S	N	SW	45.7	75.4	91.4	49.4	261.9	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. WNW
4..	N	SW	S	SSW	SW	SW	71	170.3	223.7	147.8	612.8	6	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. WSW
5..	SW	SW	SW	SW	SW	SW	156.3	215.6	247.6	159.5	779	7	Ci.-S.	Cu. SW	8	.....	Cu.-N. WSW
6..	SW	SW	S	SW	S	SW	108.1	287.8	289.3	223.9	909.1	7	Ci.-S.	Cu.-N. SW	8	.....	Cu.-N. SW
7..	SW	SW	SW	SSW	SW	SW	173.5	174.3	177.3	141.6	666.7	8	.....	S.-Cu. SW	9	.....	Cu.-N. SW
8..	SW	SW	SSW	SW	SW	SW	170.3	159.3	201.1	128.7	659.4	8	Ci.-S.	Cu.-N. SW	7	A.-Cu.	Cu. WSW
9..	SW	SW	W	SW	SW	SW	101.4	165.5	216.4	149.1	632.4	7	Ci.-S.	Cu. WSW	9	Ci.-S.	Cu.-N. WSW
10..	SW	SW	SW	SW	SW	W	157.2	229	289.1	206.5	881.8	3	Ci.	Cu. SW	3	Ci.	Cu. WSW
11..	SW	SW	SW	SW	SW	SW	164.1	262.3	259.1	98.7	784.2	5	Ci.-S.	Cu. SW	7	Ci.-S.	Cu. SW
12..	W	SW	SW	SW	SW	W	91.2	142.4	146.4	75.4	455.4	3	Ci.	Cu.	3	Ci.	Cu. SW
13..	SW	SW	SW	SW	SW	SW	123.1	159	165.5	128.7	576.3	7	.....	S.-Cu. SW	3	Ci.	Cu. SW
14..	SW	WSW	SSW	SSW	.....	.....	146.7	191.5	.....	.....	.....	.....	.....	.....	.....	.....	.....
15..	.....	SW	SW	SW	SW	SW	.....	.....	124.7	89.6	.....	5	Ci.	Cu. SW	8	Ci.-S.	S.-Cu. SW
16..	WSW	SW	SW	SW	SW	SW	106.2	167	177.8	92.2	543.2	5	Ci.	Cu. SW	7	Ci.	S.-Cu. SW
17..	SW	SW	SW	W	SW	W	102	135.2	171.7	57.1	466	4	Ci.	Cu. SW	4	Ci.	Cu. SW
18..	W	W	SW	W	SW	SW	114	132.3	186.9	82.7	515.9	4	Ci.	Cu.	3	Ci.	Cu. SW
19..	SW	W	S	SW	SW	SW	99.2	118.8	183.9	92.5	494.4	4	Ci.	Cu. SW	7	Ci.	Cu. SW
20..	W	W	SSW	SW	SW	SW	104.4	124.4	192.1	86.3	507.2	6	Ci.	Cu.	3	Ci.	Cu. SW
21..	W	Calm	S	SW	SW	SW	78.4	146.7	204.7	103.3	533.1	2	Ci.	Cu.	2	Ci.	Cu. SW
22..	SW	WSW	SW	SW	SW	W	120.4	176.8	214.8	117.7	629.7	3	Ci.	Cu. SW	4	Ci.	Cu. SW
23..	SW	W	SW	SW	SW	SW	117.8	205.7	211.3	147.9	682.7	3	Ci.	Cu. SW	4	Ci.	Cu. SW
24..	WSW	W	SSW	SW	SW	SW	95.6	186.3	134.9	121.3	538.1	6	Ci.-S.	S.-Cu. SW	10	.....	N. W
25..	W	SW	SW	SW	SW	W	82.1	238.4	200.3	119.3	640.1	10	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu. SW
26..	SW	SW	S	SW	SW	SW	87.1	173 6	173.6	101.2	535.5	3	Ci.	Cu. SW	6	Ci.-S.	Cu. SW
27..	SW	SW	SW	SW	W	W	95.8	168.4	190.2	57.4	511.8	8	.....	S.-Cu. SW	7	A.-Cu.	Cu. SW
28..	SW	WSW	SW	SW	W	SW	86.4	128.9	161.1	46 5	422.9	5	Ci.	Cu. SW	4	Ci.	Cu. SW
29..	SW	SW	SW	SW	SW	WSW	32.5	91.2	136.5	65.5	325.7	6	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu.
30..	NW	SW	SW	SSW	SW	NW	55	77.9	114.5	52.9	300.3	4	Ci.-S.	Cu.	6	Ci.-S.	Cu.
31..	NW	NW	S	S	NE	Calm	50.1	43.1	81.1	43.7	218	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	100.2	153.9	177.4	103.4	534.3	5.1	.....	.....	5.9	.....	.....

NOTE.—The pressure and temperature for July 13 to 15 are taken from a self-recording instrument.

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, −1.84 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.49	59.93	60.27	59.44	58.84	60.02	59.66	26.4	27.8	30.4	24.5	27.6	25.7	27.1	32.1	23.2	79	75	66	87	80	82	78.2	9.1
2	59.49	59.19	59.89	58.21	58.94	60.01	59.29	25.3	26.6	29	31.2	28	26.7	27.8	32	24	84	78	71	60	71	79	73.8	.....
3	59.30	59.52	60.16	58.47	59.39	60.98	59.64	25.8	25.5	29.2	31	27	26.8	27.6	31.9	24.4	82	80	64	59	80	80	74.2	2.5
4	59.65	60.22	60.93	58.65	59.22	60.57	59.87	26.5	25.2	29	31	29.8	27.3	28.1	31.5	24.3	80	85	71	59	69	81	74.2	.....
5	59.02	59.44	59.84	58.10	58.77	60.03	59.20	26.7	26.2	28.5	30.2	29.2	27.7	28.1	31.6	25.5	80	80	69	61	71	73	72.3	.....
6	59.34	59.08	59.78	57.67	57.77	59.46	58.85	27.7	27.8	29	31	29	28	28.8	31.2	26.7	72	70	68	61	72	71	69	.....
7	58.24	58.41	58.85	57.41	58.36	60.10	58.56	27.5	27.2	29.5	30.2	26.5	26.3	27.9	30.5	25.1	73	73	65	65	80	83	73.2	13.2
8	58.43	59.19	58.91	57.72	58.75	59.28	58.71	27	25.9	28.9	29.2	25.9	25.8	27.1	29.6	24.7	83	87	68	76	79	84	79.5	6.6
9	58.59	58.02	58.93	57.40	58.25	59.04	58.37	25.8	25.6	28.8	28.2	25.2	25.1	26.4	29	23.6	84	81	69	76	86	88	80.7	18
10	58.20	57.69	58.09	56.56	56.77	58.55	57.64	25.4	25.5	29.4	30	29	25.4	27.4	31.1	23.2	80	81	63	62	63	84	72.2	.5
11	57.40	57.49	58.39	57.45	58.04	59.24	58	26.3	26	28.5	26.3	25.2	25.8	26.4	28.6	22.5	74	76	64	84	81	78	76.2	13
12	58.10	58.02	58.61	57.08	57.57	59.12	58.08	26.4	26.2	28.5	28	28.7	28	27.6	29	25.2	76	77	72	74	71	74	74	6.6
13	58.11	57.84	58.84	57.24	57.48	59.29	58.13	25.5	26.5	28.5	30.2	29	26.3	27.7	30.4	24.5	84	80	74	60	68	82	74.7	.....
14	58.39	59.19	59.28	57.42	58.13	60.32	58.79	25.5	26	29	31	29.4	25	27.6	31.8	23.5	80	80	69	63	68	88	74.7	10.2
15	58.93	59.29	59.75	57.94	58.97	60.39	59.21	25	25	27.3	26	27.2	25.7	26	28.7	22.6	88	87	78	84	75	86	83.	15.8
16	59.78	59.44	59.57	57.69	58.54	60.12	59.19	24.8	24.5	28.2	30.2	28.8	26	27.1	31.2	23.5	87	89	74	64	72	82	78	2
17	59.24	59.44	59.97	57.74	57.97	59.27	58.94	25.7	26	29.5	26	28.2	26.5	27	30.3	24.2	86	84	68	84	71	80	78.8	3.8
18	58.16	58.28	58.24	56.48	56.74	58.98	57.81	26.2	26.7	29	30	29.8	27.4	28.2	30.5	25.2	82	77	69	66	61	74	71.5	.....
19	57.25	58.09	58.32	56.67	57.32	58.80	57.74	27.2	27	29.5	29.5	29	27	28.2	30.5	25.9	75	77	61	68	71	70	70.3	.....
20	58.33	58.59	59.27	57.75	57.74	58.89	58.43	26.8	26.6	28	28.3	27.1	26	27.1	28.9	24.7	71	74	72	75	73	79	74	.....
21	58.14	58.74	59.26	57.62	57.94	59.43	58.52	25.6	25.8	28.5	29	26.3	27.1	27	29.5	24.4	79	78	64	69	80	72	73.7	1.3
22	58.49	58.41	59.07	57.37	57.91	59.09	58.39	26.3	26.3	29.2	28.2	28	27	27.5	30.1	25.4	73	76	63	80	71	70	72.2	3.8
23	58.44	58.67	59.04	57.27	57.12	58.31	58.14	26.9	24.4	27.8	29	29.5	28	27.6	30.5	23.7	70	88	74	71	63	70	72.7	.....
24	57.59	57.23	57.19	55.97	56.22	57.69	56.98	27.3	27	29	29.5	29.2	28.3	28.4	30.2	26.2	73	75	65	68	70	68	69.8	.....
25	57.22	57.37	57.96	57.22	56.94	58.29	57.50	27.4	26.8	28.5	27.8	28.5	27.5	27.8	29.5	24.4	73	70	70	74	69	75	71.8	15.3
26	57.73	58	58.88	56.93	57.61	58.81	57.99	26.6	24.8	28	29.5	28.7	27.5	27.5	29.7	23.8	71	81	67	65	70	69	70.5	.....
27	57.56	58.09	58.31	56.73	56.98	58.13	57.63	26.8	26.4	28.6	29.1	28.3	27.4	27.8	30.1	24.2	72	75	66	71	74	72	71.7	20.1
28	57.33	57.71	58.49	56.22	56.99	59.04	57.63	27	26.8	29	29.5	28.9	27.6	28.1	30	26	73	73	65	68	63	69	68.5	.....
29	58.20	58.27	59.11	57.72	57.56	59.46	58.39	27.3	26.3	28.3	29.9	28.9	28	28.1	30.6	25	69	76	68	63	70	70	69.3	.....
30	58.94	59.14	59.26	57.99	58.29	60.54	59.03	27.2	27	28.9	30	27.2	26.3	27.8	30.2	25.2	70	70	65	66	73	82	71	6.9
31	59	40	59.05	59.24	57.33	58.17	60.30	58.92	27.2	26.4	29	29.5	29.8	27	28.2	30.8	25.6	70	76	60	65	64	72	67.8	.....
Mean	58.47	58.61	59.09	57.47	57.91	59.40	58.49	26.4	26.2	28.8	29.1	28.2	26.8	27.6	30.4	24.5	77.2	78.4	67.8	69.3	71.9	77	73.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148.7

Day.	Wind.												Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.		6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Amount.	Form and direction.		Amount.	Form and direction.	
														Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*				*0–10*		
1	NW	W	Calm	SW	NW	NW	39.6	38.3	62.2	40.2	180.3	6	Ci.-S.	Cu.		7		N. NNW
2	W	NW	S	SW	W	NW	29.2	60.7	75.8	33.2	198.9	4	.....	S.-Cu.		5	Ci.-S.	Cu.
3	NW	NW	S	N	SW	Calm	32.8	33.2	62.6	46.4	175	3	Ci.	Cu.		6	Ci.-S.	Cu.
4	Calm	Calm	S	S	Calm	W	23.9	86.9	54.1	53.1	218	3	Ci.	Cu.		5	Ci.-S.	Cu.
5	Calm	W	S	SW	SW	NW	36	39.9	91.7	60.4	228	5	Ci.-S.	Cu.		6	Ci.-S.	Cu.-N.
6	SW	W	S	SSW	SW	W	90.4	83.7	116.5	88.5	379.1	8	Ci.-S.	S.-Cu.		7	Ci.-S.	S.-Cu. W
7	SW	W	SW	SSW	Calm	Calm	126.1	131.2	152.9	31.6	441.8	8	Ci.-S.	S.-Cu.		8	Ci.-S.	Cu.-N. W
8	SW	N	SSW	SW	SW	Calm	66.6	53.6	67.6	39.7	227.5	10	Ci.-S.	Cu.-N.		10	Ci.-S.	N.
9	W	Calm	S	S	Calm	Calm	35.9	59.5	58.4	20.9	174.7	7	Ci.-S.	S.-Cu.		10	Ci.-S.	Cu.-N. NW
10	Calm	W	SW	SW	SW	W	56.5	135.7	178.9	151.9	523	10	Ci.-S.	S.-Cu.		9	Ci.-S.	S.-Cu. W
11	SW	W	SW	W	W	WSW	131	189.9	134.4	93	548.3	8	Ci.-S.	S.-Cu.		10	.....	N. W
12	W	W	SW	SW	SW	SW	116.2	174.6	180.2	220.4	691.4	7	Ci.-S.	S.-Cu.	w	6	Ci.-S.	Cu.-N. SW
13	W	SW	SW	SW	SW	Calm	76.7	106.7	127.1	42.4	352.9	7	Ci.-S.	Cu.	SW	6	Ci.-S.	Cu. SW
14	NW	W	S	S	NW	N	71.6	30.3	60.9	81.8	244.6	5	.....	S.-Cu.		5	Ci.	Cu. SW
15	N	NW	SE	NW	Calm	NE	30.9	42.6	45.7	36.7	155.9	8	.....	Cu.-N.		8	.....	Cu.-N.
16	Calm	Calm	SW	SE	W	Calm	28.7	57.9	48.8	43.8	179.2	6	Ci.-S.	Cu.	E	5	.....	Cu.
17	E	NW	Calm	NE	SW	W	33.5	24.7	60.6	42.1	160.9	6	.....	S.-Cu.		8	.....	Cu.-N.
18	W	W	SW	SW	SW	W	81.1	175.6	149.7	118.3	524.7	7	Ci.-S.	S.-Cu.	sw	8	Ci.-S.	Cu.-N. SW
19	W	W	SW	SW	W	W	131.2	160.1	189.7	143.4	624.4	8	Ci.-S.	S.-Cu.	w	5	Ci.	Cu. SW
20	W	W	SW	SW	SW	WSW	133.6	193.9	217.3	98.8	643.6	6	Ci.-S.	S.-Cu.	sw	9	Ci.-S.	Cu.-N. SW
21	W	W	S	SW	SW	W	46.7	108	235.1	129.3	519.1	7	Ci.-S.	S.-Cu.		6	Ci.-S.	S.-Cu. W
22	W	W	SW	SW	SW	W	119.9	143.8	254.4	136.8	654.9	7	Ci.-S.	S.-Cu.	sw	7	Ci.-S.	S.-Cu. SW
23	SW	W	SW	SW	SW	W	118.1	190.7	162.5	96.1	567.4	8	Ci.-S.	N.	SW	7	Ci.-S.	S.-Cu. SW
24	SW	W	SW	S	SW	SW	103.6	149.7	204.4	117.5	575.2	7	Ci.-S.	S.-Cu.	w	7	Ci.-S.	S.-Cu. SW
25	SW	W	S	W	SW	SW	129.2	147.6	126.5	81.1	484.4	5	Ci.-S.	S.-Cu.	w	10	.....	N. SW
26	SW	Calm	S	SW	SW	SW	97.1	76.7	153.7	79.2	406.7	3	Ci.	Cu.		5	Ci.-S.	S.-Cu. SW
27	SW	SW	S	SW	SW	W	81	136.8	187.8	87.1	492.7	6	Ci.-S.	S.-Cu.		6	Ci.	Cu.-N. SW
28	SW	W	SW	S	W	SW	96.9	130.9	210.2	120.4	558.4	5	Ci.-S.	S.-Cu.	sw	8	Ci.-S.	S.-Cu. W
29	WSW	Calm	SW	S	SW	W	63.9	89.3	163.6	131.8	448.6	8	Ci.-S.	Cu.-N.		6	Ci.-S.	S.-Cu. SW
30	SW	SW	SW	SW	SW	N	102.2	130.4	188.1	37.2	457.9	8	Ci.-S.	S.-Cu.	sw	6	Ci.-S.	S.-Cu. SW
31	SW	WSW	SW	SW	SW	WSW	113.3	146.6	164.6	154.3	578.8	8	Ci.-S.	S.-Cu.		4	Ci.	Cu. SW
Mean	.....	.....	.....	.....	.....	.....	78.8	107.4	135	85.7	407	6.6	.....	.....		6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,616.3	.....	.....	.....		.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1.	58.43	58.60	59.04	57.47	58.03	59.66	58.54	26.9	26.2	28.8	30.9	26.5	27.8	27.8	31	23.2	69	70	61	59	80	68	67.8	6.6
2.	59.02	59.60	59.97	57.72	57.89	59.48	58.95	26.8	26.4	29.2	30.2	28.5	28.2	28.2	30.5	25.8	74	76	62	64	74	69	69.8	.....
3.	58.47	58.38	58.93	56.69	57.09	58.48	58.01	27	27.3	29	29.5	28.2	27.8	28.1	30	26.3	72	70	67	69	65	69	68.7	.....
4.	57.27	57.08	57.41	55.33	55.59	56.93	56.60	27.3	27.4	29.8	29.5	29.8	28.8	28.8	30	26.5	72	70	65	69	62	65	67.2	.....
5.	55.80	55.89	56.78	54.67	54.97	56.16	55.71	28.3	28	29	29.5	29.6	29.2	28.9	30.6	27.2	68	69	71	68	64	64	67.3	.....
6.	55.17	55.88	57.02	55.74	56.12	57.01	56.16	28.8	28.2	29.2	29.2	30.8	29.2	29.2	31.8	27.3	67	70	71	67	56	62	65.5	1.6
7.	57.35	57.25	57.32	55.71	57.08	57.65	57.06	28.2	26.7	29	29.3	28.8	27.7	28.3	30.4	23.3	69	78	71	71	69	72	71.7	7.9
8.	57.28	57.26	57.44	55.87	55.75	57.61	56.87	27.3	26.2	29.8	30.7	30.6	28.8	28.9	31.8	25.7	73	79	65	60	58	67	67	3.4
9.	57.84	57.96	58.24	57.14	57.84	59.14	58.03	27	26.8	28.8	27.8	27.5	26.2	27.4	29.4	23.5	76	77	67	75	69	79	73.8	12.2
10.	58.75	58.90	59.01	56.82	57.72	59.01	58.37	25.8	25.7	28.6	31.4	29.6	28.4	28.2	31.8	25	81	82	73	57	65	67	70.8	.....
11.	58.87	58.98	59.79	58.08	58.38	59.62	58.95	27.3	27.3	28.7	30	29.3	28.2	28.5	30.3	26.5	73	73	69	65	69	69	69.7	.....
12.	59.30	60.03	60.46	58.25	58.68	60.33	59.51	27.2	27	28.7	30.2	29	28.2	28.4	30.3	25.6	70	69	67	65	69	72	68.7	.....
13.	60.13	60.24	60.41	58.01	59.38	60.72	59.82	26.3	26.5	28.7	31	29.8	27.9	28.4	31.2	24.8	76	74	73	62	69	75	71.5	.....
14.	60.43	60.34	60.81	58.52	59.68	60.97	60.12	26.8	27.2	29	30.4	30	28	28.6	30.6	25.8	80	78	74	66	62	79	73.2	.....
15.	60.19	60.35	60.76	58.50	59.20	60.92	59.99	27.4	26.2	29.5	31	29.3	28	28.6	31.2	24.8	73	76	63	62	70	77	70.2	.3
16.	59.90	59.58	60.53	57.83	59.36	60.98	59.70	27	27	29	30.4	29	27.5	28.3	30.9	25	77	72	65	65	74	79	72	10.7
17.	59.85	60.57	61.08	58.82	59.13	60.78	60.04	27	25.4	29.5	30.8	29.2	28	28.3	32	24.2	80	82	64	59	70	71	71	.....
18.	59.99	60.62	61.07	58.78	59.76	61.23	60.24	27.5	27.4	29.3	30	29.4	27.9	28.6	30.4	24.8	73	74	58	64	65	74	68	.5
19.	60.67	60.95	61.13	58.70	59.63	61.32	60.40	26.8	26.5	29.2	30.3	27.5	25.6	27.6	30.8	23.7	82	77	66	64	76	85	75	5.6
20.	59.90	59.60	60.03	57.26	57.62	59.05	58.91	26.2	25.8	28.8	30.4	27.7	26.7	27.6	30.8	24.8	78	79	67	65	72	77	73	.5
21.	58.01	58.34	58.37	55.86	56.73	58.73	57.67	26.6	25.8	28.8	30	29.4	28.2	28.1	31.3	24.3	76	81	69	65	68	69	71.3	1
22.	57.72	58.46	58.82	56.93	57.59	58.78	58.05	27.4	26.4	29.5	29.4	28.6	27.8	28.2	29.7	25.5	72	76	64	68	73	71	70.7	.....
23.	58.29	58.33	58.78	57.09	58.01	59.63	58.36	27	26.9	29	29.4	28.8	27.3	28.1	30	25.8	75	75	68	68	72	77	72.5	.....
24.	58.62	59.58	60.27	58.21	59.18	60.13	59.33	26.5	26.2	28.8	30	29.5	27.7	28.1	30.6	25.2	78	76	67	67	65	76	71.5	.3
25.	59.84	60.58	61.14	58.43	59.26	60.82	60.01	26.6	26.5	27	30.7	28.8	27	27.8	32.6	25.3	80	82	74	64	71	78	74.8	35.3
26.	60.05	61	61.24	58.73	58.93	59.89	59.97	24.6	24.9	29.3	31.9	29.2	27.6	27.9	32.3	23.3	88	87	65	58	66	74	73	.....
27.	59.50	60.07	60.27	57.65	58.40	60.14	59.34	27.4	26.4	30.8	31	29.5	28.2	28.9	32.3	25.1	77	80	64	61	70	74	71	2
28.	58.89	59	58.92	56.61	57.11	58.05	58.10	26.5	26.4	29.7	31.2	30	27.4	28.5	32.2	25.2	82	79	67	66	66	74	72.3	5
29.	57.01	57.25	57.64	55.08	56.06	57.46	56.75	26.6	25.6	27.5	26.9	26.5	26.8	26.6	30.2	23.9	80	82	77	80	81	80	80	9.9
30.	56.21	56.41	57.26	55.06	56.31	58.03	56.55	27	27.1	29.4	29.5	28.5	28	28.2	30.4	26.9	75	73	61	69	70	72	70	.....
Mean	58.62	58.90	59.33	57.19	57.88	59.29	58.54	27	26.6	29	30.1	29	27.8	28.2	30.9	25.1	75.5	76.2	67.2	65.4	68.7	72.8	71	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102.8

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1.	W	W	S	SW	SW	W	63.3	112.3	171.2	45.9	392.7	4	Ci.-S.	S.-Cu.	4	Ci.	Cu. SW
2.	W	W	SW	SSW	SW	SW	96.8	153.2	178.1	96.8	524.9	7	Ci.-S.	S.-Cu. SW	3	Ci.	Cu. SW
3.	W	SW	SSW	SW	SW	SW	101.2	152.1	251.2	122.8	627.3	8	Ci.-S.	S.-Cu. SW	5	Ci.-S.	S.-Cu. SW
4.	SW	SW	SW	SSW	SW	WSW	94.6	241.6	284	223.1	843.3	7	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. WSW
5.	SW	SW	SW	SW	SW	SW	149.1	277.8	362.3	262.1	1,051.3	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
6.	WSW	W	SW	SW	SW	SW	292.1	285	249.6	118.5	945.2	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	Cu.-N. WSW
7.	SW	W	SW	SSW	SW	W	77.2	199.2	187.7	102	566.1	8	Ci.-S.	Cu.-N. SW	7	Ci.	Cu.-N. SW
8.	W	SW	SW	SW	SW	SW	85.6	212.7	243.5	136.2	678	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
9.	W	W	SW	SW	SW	SW	100.3	211.4	197.7	137.4	646.8	8	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
10.	W	W	SW	SSW	SW	SW	81.8	179.4	220.9	137.3	619.4	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
11.	WSW	SW	S	SW	SW	SW	94.8	151.6	163.1	62.3	471.8	6	Ci.-S.	S.-Cu. SW	4	Ci.	Cu. SW
12.	W	SW	S	SW	SW	W	58.1	112.5	182.8	55	408.4	5	Ci.-S.	S.-Cu.	6	Ci.	Cu. SW
13.	W	W	S	SW	SW	Calm	33.2	82.3	132.3	26.8	274.6	4	Ci.	Cu. SW	5	Ci.	Cu. SW
14.	NW	W	S	SW	SW	Calm	40.5	91.9	157.1	30.3	319.8	4	Ci.	Cu. SW	4	Ci.	Cu. W
15.	NW	NW	S	SW	SW	W	45.9	93.6	83.4	60	282.9	4	Ci.-S.	S.-Cu.	7	Ci.	Cu.-N. SW
16.	W	W	S	SW	SW	W	60.2	116.9	144.5	56.3	377.9	4	Ci.	Cu.	6	Ci.-S.	S.-Cu. W
17.	W	Calm	S	S	SW	W	32.7	49.6	65.5	54.7	202.5	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. WSW
18.	W	SW	S	S	SW	W	42.1	89.6	71.6	46.9	250.2	4	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. SW
19.	Calm	W	S	SW	NE	N	25.4	57.3	87.7	52.9	223.3	4	Ci.	Cu. SW	8	Ci.-S.	Cu.-N. SW
20.	SW	SW	S	ESE	S	SW	70.3	44.6	52	86.9	253.8	8	Ci.-S.	S.-Cu. N	8	Ci.-S.	S.-Cu. NW
21.	SW	NW	S	SW	W	SW	65	85.5	209	141.6	501.1	8	Ci.-S.	S.-Cu. NW	4	Ci.	Fr.-Cu. W
22.	SW	W	SSW	SW	SW	SW	120.1	161.2	199.8	86.4	567.5	6	Ci.-S.	S.-Cu. NW	6	Ci.	Fr.-Cu. WSW
23.	W	W	S	SW	SW	W	65.5	142.9	136.5	66	410.9	6	Ci.-S.	S.-Cu. SW	6	Ci.-S.	S.-Cu. W
24.	SW	SW	S	SSW	SW	NW	52.5	82.4	111.6	36.5	283	4	Ci.	Cu. SW	6	Ci.-S.	S.-Cu. SW
25.	NW	NE	SE	SE	W	NW	36.7	57.6	56.1	40.2	190.6	9	.....	N. NE	7	Ci.-S.	Cu.-N. NE
26.	S	W	S	S	NE	N	54.9	64.6	62.5	32.7	214.7	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. NE
27.	W	W	ENE	NE	NE	Calm	29.3	91.4	65.7	25.1	211.5	3	Ci.	Cu. NE	6	Ci.	Cu. NE
28.	W	N	SW	Calm	SW	Calm	37.5	48.5	65.5	24.6	176.1	6	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NNE
29.	Calm	SW	SW	WSW	Calm	W	35.2	63.3	92.7	79.9	271.1	10	.....	N. NE	10	Ci.-S.	Cu.-N. NNW
30.	W	SW	SW	SW	SW	SW	132.6	224.8	240.8	198.2	796.4	6	Ci.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N. SW
Mean	.....	.....	.....	.....	.....	.....	75.8	131.2	157.5	88.2	452.8	6.3	.....	.....	6.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,583.1	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.34	57.22	58.37	56.37	56.70	58.16	57.19	27.2	27.4	27.6	28.4	27.2	27.2	27.5	28.6	26	75	73	73	68	70	73	72	.....
2..	56.30	56.83	57.52	55.52	56.24	57.71	56.69	27.2	27.6	27.5	28.5	27.5	27	27.6	28.7	26.2	72	71	77	68	69	75	72	.....
3..	56.24	56.32	57.38	55.48	56.16	57.95	56.59	27	27.3	28.5	29.5	29.5	28.4	28.4	30.5	26.3	77	75	74	71	63	69	71.5	.....
4..	57.39	58.41	59.86	58.04	58.66	60.10	58.74	27.6	28	29.3	29.9	29	27.4	28.5	30	25.9	72	72	64	67	72	77	70.7	.....
5..	59.62	60.59	61.37	58.95	59.62	61.18	60.22	26.8	25.6	29.6	30.5	29.2	27	28.1	31.2	24	74	78	69	66	71	79	72.8	.....
6..	60.20	61.03	61.02	58.43	58.78	60.28	59.96	26.2	25.8	30	31.6	30.5	28.2	28.7	32.2	24.5	82	82	69	61	61	73	71.3	.....
7..	58.98	58.70	59.35	57.37	58.18	60.04	58.77	26.7	26.8	29.5	31	29.5	26.8	28.4	33.2	24.6	81	76	69	63	64	80	72.2	.....
8..	58.98	59.84	59.20	57.36	58.97	60.47	59.14	26.4	26.4	30.2	28.7	27.4	26.6	27.6	31.6	25	81	80	65	73	74	81	75.7	3.1
9..	59.13	59.84	59.84	57.88	58.52	59.90	59.18	26.2	26.2	29.2	29.2	29.2	27	27.8	30.3	24.6	81	83	72	71	70	78	75.8	5.6
10..	58.50	59.09	60.12	57.52	58.12	59.95	58.88	25.9	26.2	28.6	28.6	28.4	26.6	27.4	29	24.5	82	78	75	68	70	78	75.2	2.8
11..	59.05	59.46	59.62	57.56	58.68	59.38	58.96	25.2	25	28.5	27	25.7	26	26.2	29.8	23.8	84	85	68	80	86	82	80.8	2.4
12..	58.24	58.51	59.44	57.44	58.31	59.47	58.57	25.7	25.2	29.2	31.4	27	26.4	27.5	31.8	23.8	81	82	67	60	80	84	75.7	3
13..	58.27	58.54	58.94	57.22	57.59	58.67	58.20	26.1	25.4	29.3	30.3	29	27.7	28	31.7	24.2	87	84	70	57	64	70	72	.....
14..	57.65	57.75	58.15	55.91	56.21	56.93	57.10	26.7	26.5	28.5	29.3	29.3	28.1	28.1	29.9	24.8	77	76	70	66	64	70	70.5	.....
15..	55.49	56.49	56.32	54.32	55.05	56.69	55.73	27.2	26.8	29	28.9	28.2	27.1	27.9	29.7	25.4	75	77	72	74	71	72	73.5	.3
16..	55.23	56.58	57.91	55.44	56.50	58.39	56.68	27.3	26.5	27.2	28	28	26	27.2	28.9	25	77	83	79	77	74	80	78.3	.5
17..	57.80	58.32	58.98	56.33	57.22	59.12	57.96	26	26.3	30	30.3	28.5	27.9	28.2	31	25.8	85	83	67	66	70	75	74.3	.....
18..	58.26	58.18	59.02	56.74	57.27	58.46	57.99	27	26.8	29	30	29.2	27.6	28.3	30.8	25.5	75	74	72	67	72	71	71.8	.....
19..	57.62	58.79	59.59	56.79	57.61	58.49	58.15	27.3	26.4	28.7	28.8	29.2	28.7	28.2	30.4	24.6	74	76	70	75	72	69	72.7	.....
20..	57.65	57.92	58.32	56.73	57.27	58.14	57.67	27.8	27.4	29.3	30.2	28	27	28.3	30.6	26.1	75	78	66	66	79	81	74.2	2.8
21..	56.87	57.05	58.04	56.22	56.43	57.52	57.02	27.8	27.3	27.4	28.6	28.2	27.8	27.8	29.4	26.2	76	77	76	75	76	75	75.8	2.1
22..	56.28	57.83	58.29	56.34	56.98	58.46	57.36	27.4	27.3	28.9	29.8	29.2	28.3	28.5	30	26.2	74	76	73	69	71	68	71.8	.....
23..	58.28	59.80	60.26	57.82	58.57	60.25	59.16	27.2	25.9	29.6	30.4	29.2	27.2	28.2	31.2	24.8	73	80	70	67	67	78	72.5	.....
24..	59.04	59.86	59.97	57.84	58.74	59.65	59.18	26.5	26.3	29.5	30	28.5	26.5	27.9	32.1	25	82	80	70	67	77	76	75.3	.....
25..	59.13	59.47	60.24	57.70	58.61	60.42	59.26	26	26.2	30.4	31	29.8	27.4	28.5	31.9	24.5	79	79	65	55	66	76	70	.....
26..	59.60	60.22	61.08	59.22	59.76	60.57	60.08	27.2	27.2	29.5	30	29.3	28.7	28.6	31.2	25.8	78	79	67	58	68	70	70	.8
27..	60.07	60.93	61.66	59.53	60.26	61.32	60.63	28.2	26.7	29.5	29.9	28.4	27.4	28.4	30.6	25.3	72	81	68	67	73	78	73.2	2
28..	60.48	60.67	61.26	58.95	59.74	61.03	60.36	26.3	26.3	29.7	30.6	28.2	26.2	27.9	31.5	24.2	83	80	63	57	71	82	72.7	.5
29..	59.69	60.04	59.79	57.26	57.93	59.37	59.01	26.2	26.2	29.6	30	28.5	25.9	27.7	30.8	24.9	81	80	61	65	70	87	74	13
30..	58.15	59.14	59.56	57.69	58.09	59.70	58.72	26.2	25.7	29	29.9	28.4	27.6	27.8	30.5	24.8	84	84	73	63	72	75	75.2	.....
31..	58.84	59.40	60.56	58.12	58.69	60.23	59.31	26.4	26.3	29.8	30.5	29	27.7	28.3	30.8	25.4	82	83	66	62	69	76	73	4.8
Mean	58.17	58.80	59.39	57.23	57.92	59.29	58.47	26.7	26.5	29.1	29.7	28.6	27.3	28	30.6	25.1	78.4	78.9	69.7	66.7	70.8	76.1	73.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	WSW	SW	SW	SW	SW	214	305.4	325.3	232.5	1,077.2	8	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
2..	SW	SW	SW	SW	SW	SW	280	440.1	357.7	217.7	1,295.5	9	Ci.-S.	S.-Cu. SW	9	Ci.-S.	S.-Cu. SW
3..	SW	WSW	SW	SW	SW	SW	196	290.6	300.9	233.9	1,021.4	9	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
4..	SW	SW	SW	SW	SW	Calm	206.2	232	192.3	20.9	651.4	8	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
5..	Calm	Calm	Calm	SW	SSW	N	12.9	30.3	76.1	39.2	158.5	8	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu.
6..	NW	NW	S	SSW	NW	N	39.6	36.5	50.7	27.9	154.7	6	Ci.	Cu. NE	4	Ci.	Cu. NE
7..	Calm	Calm	S	SW	NE	Calm	23	40.4	58.1	49.9	171.4	5	Ci.	Cu. NE	4	Ci.	Cu. NE
8..	Calm	Calm	S	S	W	NW	27.9	65.4	66	36.8	196.1	5	Ci.	Cu.	7	.....	N. NE
9..	W	Calm	SW	SW	Calm	NW	36.4	47.5	71.4	39.9	195.2	6	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
10..	NE	N	NE	SSW	Calm	SW	36.2	37.8	33.8	43.5	151.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
11..	N	N	S	NW	Calm	W	34.1	39.1	55.8	42.1	171.1	8	Ci.-S.	S.-Cu.	10	.....	N. SW
12..	W	W	SW	NE	Calm	W	61.2	38.6	46.7	46.1	192.6	6	Ci.-S.	S.-Cu.	8	Ci.	Cu.-N. NW
13..	W	Calm	S	NW	Calm	Calm	39.6	26	61.5	47.2	174.3	8	Ci.-S.	S.-Cu. N	8	Ci.-S.	S.-Cu. NW
14..	N	SW	SW	SW	WSW	SW	59	101.9	146.9	118.3	426.1	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	s.-cu. WNW
15..	SW	SW	SW	SW	SW	SW	130.9	209.2	267.7	173.8	781.6	9	Ci.-S.	S.-Cu. W	8	Ci.-S.	s.-cu. WSW
16..	W	SW	SSW	SW	SW	Calm	153.2	254.4	286.7	43.5	737.8	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
17..	NW	NW	SSW	SW	SW	SW	31.9	75.9	170.1	95.3	373.2	8	Ci.-S.	S.-Cu. W	7	Ci.-S.	S.-Cu. SW
18..	W	W	SW	SW	SW	W	81.3	210.3	123.3	52.1	467	7	Ci.-S.	S.-Cu. SW	7	Ci.-S.	S.-Cu. SW
19..	W	Calm	S	SW	SW	SW	65.5	95.8	165.4	73.5	400.2	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
20..	SW	W	S	Calm	Calm	NW	70.6	122.1	53.1	37.3	283.1	7	Ci.-S.	S.-Cu. NW	8	Ci.-S.	Cu.-N. NW
21..	SW	SW	SW	S	SW	SW	81	61	133.6	107.8	383.4	8	Ci.-S.	S.-Cu. NW	10	.....	Cu.-N. NW
22..	SW	SW	SW	SW	SW	W	130.7	210.5	223.7	92.2	657.1	8	Ci.-S.	S.-Cu. SW	5	Ci.-S.	S.-Cu. SW
23..	W	Calm	SW	SW	W	NW	44.6	77.5	108.9	46.1	277.1	3	Ci.	Cu.	4	Ci.	Cu.
24..	NW	NW	Calm	NE	N	N	37	40.4	67.4	37.2	182	3	Ci.	Cu.	5	Ci.	Cu. NE
25..	NW	NW	NE	NE	ENE	N	39.1	46.9	96.6	53.4	236	4	Ci.	Cu. N	5	Ci.	Cu. NE
26..	N	Calm	NE	NE	NE	NE	39.9	97.7	103	84.7	325.3	7	Ci.	Cu.-N. E	4	Ci.	Cu. E
27..	E	N	NE	NE	NNE	N	56.8	97.1	157.2	82.1	393.2	7	Ci.-S.	Cu.-N. NE	6	Ci.	S.-Cu. NE
28..	N	N	NE	NE	NE	N	69.4	106.8	137.8	83.4	397.4	7	Ci.-S.	S.-Cu. NE	4	Ci.-S. E	S.-Cu. NE
29..	E	N	NE	NE	NE	NE	60.4	107.5	122	56.1	346	4	Ci.	Cu.-N. NE	4	Ci.-S. NE	S.-Cu. NE
30..	N	N	NE	NE	N	N	61.7	103.3	107.6	54.4	327	7	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-Cu. NE
31..	N	NW	NE	NE	NE	N	76.1	97.2	132.2	62.8	368.3	6	Ci.-S.	S.-Cu. NE	4	Ci.-S.	S.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	80.5	120.8	138.7	78.4	418.5	6.9	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,972.5	.....	.....	.....	.....	.....	.....

CEBU.

[ϕ=10° 18′ N; λ=123° 54′ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.54	59.35	60.09	57.59	58.32	59.29	59.03	26.1	25.3	29.6	30.4	29.2	27.4	28	31	24	83	86	67	61	67	76	73.3	.....
2..	58.40	58.97	59.72	57.32	58.12	59.60	58.69	26.6	26.7	30	30	26.8	27.3	27.9	31.1	25.6	79	77	61	55	81	78	73.5	0.3
3..	58.34	59.18	60.02	57.78	58.23	59.34	58.82	26.2	25.8	28.6	29.8	26.9	26.2	27.2	30.1	24.3	79	75	63	67	80	84	74.7	3
4..	58.21	58.34	60.35	58.31	58.36	59.49	58.84	26.1	26.2	24	25	26.2	24.5	25.4	27	23.6	80	80	91	83	78	88	83.3	12.5
5..	58.26	58.98	59.96	57.84	58.43	60.04	58.92	24.9	25.4	29	30.3	28.7	27.4	27.6	30.6	24.1	84	84	72	65	69	78	75.3	.8
6..	58.89	59.82	60.24	57.99	58.56	60.15	59.28	26	26.4	29	30	28.9	27.6	28	30.3	24.7	84	76	65	62	73	73	72.2	.....
7..	59.07	59.95	60.31	58.32	58.57	60.04	59.38	27.2	26.5	29.4	30.2	29.2	27.8	28.4	31.2	25.8	77	82	68	65	68	73	72.2	.....
8..	59.30	59.28	60.33	58.80	59.17	60	59.48	27.2	26.5	29.5	30.3	29.1	27.2	28.3	31.1	25.6	78	79	65	61	68	74	70.8	2.1
9..	59.25	59.45	60.85	58.97	59.28	60.47	59.71	26.7	25.6	28.4	28.2	28.2	26.7	27.3	29.5	24.3	77	86	72	72	73	74	75.7	2.3
10..	59.59	60.09	60.63	58.35	58.89	60.52	59.68	26.4	25.8	29	29.8	27.4	26.4	27.5	30.4	24.7	76	79	67	62	70	73	71.2	4.3
11..	59.58	60.17	60.77	58.88	59.80	60.75	59.99	26.2	25.8	26.8	28.8	26.5	25.3	26.6	29.4	23.7	75	79	80	67	80	86	77.8	4.8
12..	59.41	59.81	60.38	57.93	59.12	60.23	59.48	25	25	27.4	29.5	27.5	26.2	26.8	31	23.6	86	85	80	66	76	82	79.2	9.2
13..	59.30	60.38	61.19	59.27	59.43	60.79	60.06	25.7	25.8	28	26.9	26.3	26.2	26.5	29.8	23.8	85	84	74	80	84	82	81.5	3.8
14..	59.57	60.13	60.97	58.86	59.48	61.02	60	25.8	25.7	28.6	30.6	29	26.7	27.7	31.4	24.3	81	81	70	59	67	79	72.8	2.3
15..	60.21	60.44	61.09	58.42	58.97	60.53	59.94	25.6	26	29.2	30	26.4	26.3	27.2	31.3	24.5	87	86	63	59	83	82	76.7	21.3
16..	59.54	59.49	60.26	58.07	58.57	60.06	59.33	26	24.6	28.6	30.2	28	25.6	27.2	30.4	23.1	86	92	66	59	71	85	76.5	1.5
17..	58.44	58.99	60.18	57.94	58.68	60.12	59.06	25.6	25.3	28.9	31	28.2	25.7	27.4	31.3	23.9	82	84	70	61	70	81	74.7	.....
18..	59.36	59.73	60.32	58.19	59.44	60.09	59.52	25.4	25.7	30	29.6	26.8	27	27.4	30.3	24.4	82	77	60	67	72	72	71.7	.....
19..	59.39	60.04	60.43	58.62	59.04	60.65	59.70	25.2	25	29.5	29.2	28	25.5	27.1	30	23.8	79	79	63	65	70	81	72.8	.5
20..	59.73	60.59	61.44	59.34	59.38	60.60	60.18	25.4	24.9	29.4	29.9	27.5	26.7	27.3	31	23.8	85	83	64	61	76	80	74.8	.....
21..	59.39	60.43	60.69	58.54	59.25	60.22	59.75	26.2	25.4	29	29.6	27.7	27.2	27.5	30.3	24.4	82	83	67	64	73	77	74.3	.....
22..	59	59.94	60.56	58.07	59.03	60.38	59.50	26.8	26	29	29.5	28.9	26.5	27.8	31.2	25	78	82	68	68	67	80	73.8	.....
23..	59.62	59.99	60.34	58.20	59.17	60.42	59.62	26	26.1	29.7	30	29.2	27.2	28	31.4	24.8	81	82	72	66	71	78	75	.5
24..	59.48	60.02	60.46	58.28	59.01	60.37	59.60	26.7	25.9	29.6	30.3	29.8	27.4	28.3	30.9	24.5	80	85	69	64	66	77	73.5	9.7
25..	60.14	60.71	60.95	58.44	58.62	60.03	59.82	25	25.2	26.6	29.3	27.9	26.3	26.7	30.8	23.6	87	88	77	64	72	77	77.5	.....
26..	58.86	59.79	60.52	58.38	58.96	59.97	59.41	25.2	24.8	29.3	30.4	28.8	27	27.6	31.2	23.8	84	87	66	59	72	80	74.7	.....
27..	59.19	60.32	60.86	58.42	58.92	59.70	59.57	25.8	25.7	29	29.7	29.2	27.2	27.8	31.3	24.5	85	86	71	64	68	78	75.3	.....
28..	59	59.93	60.11	57.96	58.22	59.60	59.14	26.5	25.8	29.2	30.8	29	27.2	28.1	31.8	24.8	82	84	68	54	71	78	72.8	.3
29..	58.78	59.79	60.14	57.97	59.05	60.14	59.31	26.5	26.3	29.8	30.7	27.3	27	27.9	31.8	25.2	83	83	69	62	78	80	75.8	.8
30..	59.54	59.39	60.09	58.29	59.42	60.69	59.57	26.2	26	29	27.9	26.4	26	26.9	30.3	24.6	83	83	68	78	85	87	80.7	1.6
Mean	59.21	59.78	60.48	58.31	58.92	60.18	59.48	26	25.7	28.8	29.6	28	26.6	27.4	30.6	24.4	81.7	82.6	69.2	65.7	73.3	79.1	75.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	81.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	75.9	107	129	62.6	374.5	7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
2..	N	N	NE	NE	N	N	71.4	108	136.5	72.7	388.6	3	Ci.	Cu. NE	5	Ci.-S.	S.-Cu. NE
3..	N	N	NE	NE	ESE	N	74.8	128.5	111	49.6	363.9	3	Ci.	Cu. NE	5	Ci.-S.	S.-Cu. NE
4..	N	NE	NE	N	NE	NE	61.7	118.1	84.3	43.7	307.8	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	S.-Cu. NE
5..	NE	NE	NE	NE	NE	NE	42.6	109.4	115.1	79.7	346.8	7	Ci.-S.	S.-Cu.	4	Ci.	Cu. NE
6..	N	N	NE	NE	NE	N	71.4	117.5	116.2	76.6	381.7	4	Ci.	Cu. NE	3	Ci.	Cu. NE
7..	N	N	NE	NE	NNE	NNE	68.2	100.1	109.1	86.1	363.5	7	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. NE
8..	NE	N	NE	NE	NNE	N	67.1	133.8	116.9	72.1	389.9	5	Ci.	Cu. NE	4	Ci.	Cu. NE
9..	N	NE	NE	NE	NE	N	71.3	81.8	97.1	79.5	329.7	9	.....	N. NE	7	Ci.-S.	S.-Cu. NE
10..	N	N	NE	NE	NE	NE	56.9	103.6	142.7	64.1	367.3	7	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
11..	N	NE	NE	NE	NE	NNE	71.9	113	173.5	110.8	469.2	10	.....	N. NE	8	Ci.-S.	Cu.-N. NE
12..	NE	N	NE	NE	NE	N	47.8	86.1	120.9	86.9	341.7	10	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
13..	N	N	NE	NE	NW	N	83.2	95.2	87.5	58.1	324	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
14..	N	N	NE	NE	NE	NE	69.8	90.1	107.2	62.6	329.7	9	Ci.-S	N. NE	6	Ci.	Cu. NE
15..	NE	NE	NE	NE	NE	N	65.2	114.9	117.5	74.6	372.2	5	Ci.	Cu. NE	7	Ci.-S.	S.-Cu. NE
16..	NE	Calm	NE	NE	NE	NE	46.4	117.3	138.4	99	401.1	6	Ci.-S.	S.-Cu. NE	5	Ci.-S.	S.-Cu. NE
17..	NNE	N	NE	NE	NE	NW	62.3	85.9	94.1	40.7	283	5	Ci.-S.	S.-Cu. NE	3	Ci.	Cu. NE
18..	NNW	N	NE	NE	NE	NE	76.6	95.2	176.8	81.8	430.4	3	Ci.	Cu. NE	6	Ci.-S.	Cu.-N. NE
19..	N	N	NE	NE	NE	Calm	85.3	92	114.1	56.6	348	2	Ci.	Cu. NE	6	Ci.-S.	S.-Cu. NE
20..	Calm	N	NE	NE	NE	N	48.3	82.3	95.8	67.6	294	5	Ci.	Cu. NE	8	Ci.-S.	S.-Cu. NE
21..	N	N	NE	NE	NE	N	69.8	109.4	108.9	64.9	353	4	Ci.	Cu. NE	4	Ci.	Cu. NE
22..	N	N	NE	NE	NE	Calm	62.8	55.5	94.8	32.7	245.8	4	Ci.-S.	S.-Cu. NE	6	Ci.-S.	Cu.
23..	N	N	SE	NE	NE	N	52	57.4	104.6	50.1	264.1	3	Ci.	Cu. NE	5	Ci.	Cu. NNE
24..	N	Calm	NE	NE	NE	Calm	44.6	90.4	117.2	69.7	321.9	4	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
25..	NE	NNE	NE	NE	N	N	97.6	105.4	85.9	62.2	351.1	10	Ci.-S.	Cu.-N.	6	Ci.-S.	S.-Cu. NE
26..	N	N	NE	NE	NE	N	42.8	70.2	103.8	45.1	261.9	4	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
27..	Calm	N	NE	NE	NE	N	33.6	82.3	110.5	67.8	294.2	3	Ci.	Cu. NE	3	Ci.	Cu. NE
28..	N	N	NE	NE	NE	N	62.5	89.5	114	78.6	344.6	3	Ci.	Cu. NE	3	Ci.	Cu. NE
29..	Calm	N	NE	NE	NE	N	42.1	80.8	141.8	70.2	334.9	7	Ci.-S.	Cu.-N. NE	6	Ci.-S.	S.-Cu. ESE
30..	N	N	NE	NE	N	N	68.2	115.6	102.7	52.8	339.3	8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	S.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	63.1	97.9	115.6	67.3	343.9	5.8	.....	.....	5.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,317.8	....	.....	.....	....	.....	.....

CEBU.

[$\phi = 10°\ 18'$ N; $\lambda = 123°\ 54'$ E; barometer above sea, 9 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1	59.59	60.03	60.36	58.38	58.72	60.18	59.54	25.4	24.6	28.8	29.6	27.6	26.7	27.1	30.4	23.5	85	85	68	59	76	79	75.3	.....
2	59.34	59.48	60.27	58.15	58.48	59.97	59.28	25.7	25.5	29	30.2	28.3	27.2	27.6	31.2	24.5	84	86	64	58	67	73	72	.....
3	58.99	59.47	59.93	57.94	58.62	59.98	59.16	26.5	26.4	28.5	27	25.2	23.8	26.2	29.2	22.3	76	77	69	77	88	92	79.8	41.7
4	59.12	59.06	59.75	58.04	58.34	59.43	58.96	23.4	24.2	27.9	29.5	28.2	26.2	26.6	30.8	22.6	95	88	71	70	77	84	80.8	8
5	58.46	59.07	60.62	59.35	59.22	60.79	59.58	26.2	25.9	25.6	25.3	27.2	27	26.2	28.2	21.9	85	85	90	85	77	72	82.3	42.6
6	60.24	60.29	61.30	59.04	60.19	61.07	60.36	24.2	24.8	27.5	29	27.4	26.4	26.6	30	23.2	91	85	68	65	73	76	76.3	.....
7	60.48	60.98	61.29	58.97	59.60	60.31	60.27	25.5	25.4	28.4	29.4	27.5	26.5	27.1	30	24.6	80	80	65	59	72	76	72	.....
8	60.05	60.28	61.48	59.63	60.29	61.12	60.48	24.9	24.7	28.5	28.8	26.6	26	26.6	29.5	23.7	84	81	59	60	72	79	72.5	.....
9	60.25	60.19	60.82	58.39	59.47	59.75	59.81	25.2	24.5	28	29.2	27.6	26.5	26.8	29.6	23.4	80	82	66	57	67	74	71	.8
10	58.90	59.89	60.40	58.18	59.29	59.38	59.34	26	25.4	28.2	28.5	25.3	25.4	26.5	29.2	24	78	80	63	64	84	86	75.8	5.6
11	58.21	59.64	59.89	57.59	59.04	59.90	59.04	25	24.2	24	28.5	25.2	24.4	25.2	29.8	22.6	77	90	91	69	90	91	84.7	22
12	58.11	58.46	59.45	57.94	59.07	59.03	58.68	24	24.5	26.9	26	23.4	25.4	25	27.3	21	91	91	79	79	85	77	83.7	2.5
13	58.18	58.22	59.46	57.63	58.69	59.37	58.59	24.4	25.5	25.6	27.5	26.6	26.2	26	28	23.2	88	80	88	73	81	82	82	3.1
14	58.70	59.24	60.13	58.02	58.89	59.95	59.16	25.7	25	26.6	28.4	27	26.4	26.5	29.2	24.7	84	88	82	76	80	82	82	2.3
15	59.22	59.43	60.80	59.19	60.09	60.49	59.87	26	25.5	28	29.5	27.3	26.2	27.1	31.6	25	84	87	74	66	78	85	79	.....
16	59.74	59.79	60.74	59.13	59.88	60.99	60.04	25.4	25	28.4	29	27.5	25	26.7	29.7	23.7	87	82	64	63	73	88	76.2	36.1
17	60.41	60.54	61.22	59.03	59.41	60.72	60.22	24.2	24	26.8	29.9	28	25.9	26.5	30.7	22.9	91	91	80	67	74	83	81	2.3
18	60.15	60.90	62	59.31	60.29	61.30	60.66	25.7	24.7	28	28.9	27	25.6	26.6	29.2	23.8	84	92	69	64	75	82	77.7	1.3
19	60.95	61.21	61.57	59.68	61.15	61.95	61.08	24.8	24	28	28.5	24.8	24.5	25.8	30.4	22.3	87	91	72	70	88	91	83.2	26
20	61.25	61.65	61.18	58.85	59.99	60.47	60.56	22.9	23.3	27	27.8	27	25.9	25.6	28	21.6	96	93	72	66	74	83	80.7	.....
21	59.91	60.11	60.82	58.39	58.83	59.65	59.62	25.3	24.7	26.6	28	27	25.2	26.1	28.6	23.6	86	88	80	70	75	87	81	.....
22	58.86	59.01	60.14	58.60	58.86	59.36	59.06	25	24.4	28.7	27.8	26.4	25.4	26.3	29.4	23.2	83	87	64	75	76	83	78	1.6
23	58.35	58.75	59.49	57.74	58.57	59.15	58.68	25.3	24.5	28.7	30	27.7	25.2	26.9	30.9	23.3	84	89	62	64	68	80	74.5	.....
24	58.02	58.51	59.14	57.07	57.30	57.59	57.94	26.3	25.4	28.9	30.2	28.2	27.7	27.8	30.8	24.2	77	80	65	61	71	72	71	.....
25	56.68	56.45	56.33	54.36	54.59	55.96	55.73	27.2	26.9	27.9	26.4	27.4	26.8	27.1	28.3	25	73	76	71	81	76	78	75.8	5.1
26	56.10	57.88	58.75	56.92	57.47	58.84	57.66	26	24	27.6	28.6	27.7	27	26.8	29.5	22.8	79	95	75	66	73	77	77.5	.....
27	58.27	59.25	60.19	58.24	58.88	60.68	59.25	26.3	25.3	28	28.7	28.6	26.2	27.2	30.9	23.9	80	85	71	69	71	84	76.7	.....
28	59.71	60.39	61.44	58.58	58.72	60.54	59.90	24.5	23.9	29.3	29	27.7	25.3	26.6	30.2	22.5	87	87	65	69	75	92	79.2	.....
29	59.82	60.38	61.09	59.16	59.48	61.04	60.16	25.6	24.4	29.6	28.9	28	25.8	27	30.2	23.5	82	87	70	61	69	79	74.7	.....
30	60.13	60.56	61.22	59.21	59.86	61.04	60.34	26.2	25.4	28.2	30	28.3	26.2	27.4	30.6	24.2	80	86	74	62	68	87	76.2	.....
31	60.34	61.38	62.18	59.61	59.97	61.24	60.79	25.4	24.3	28.5	29	28.3	25.4	26.8	30.7	23	82	86	69	69	68	85	76.5	.8
Mean	59.24	59.69	60.43	58.40	59.06	60.04	59.48	25.3	24.8	27.8	28.6	27.1	25.9	26.6	29.7	23.3	83.9	85.8	71.6	67.5	75.5	81.9	77.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NNE	NE	N	NE	47.7	125.5	108.4	56.5	338.1	7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
2	N	N	NE	NE	N	N	74.2	97.6	151.6	66.3	389.7	5	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
3	NE	N	NNE	Calm	NE	NE	61.4	116.1	40.2	67.6	285.3	7	Ci.-S.	S.-Cu. NE	10	.....	N. NE
4	Calm	NE	NE	NE	NE	Calm	50.9	57.3	71.4	19.9	199.5	10	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. E
5	NNE	NE	NE	NE	NE	NE	48.9	88.8	88.5	81.6	307.8	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. NE
6	N	N	NNE	NE	NNE	NE	72.7	145.9	146.6	78.9	444.1	9	Ci.-S.	Cu.-N. NE	7	Ci.-S.	S.-Cu. NE
7	N	NE	NE	NE	N	NE	79.5	149.9	147.5	67.4	444.3	8	Ci.-S.	S.-Cu. NE	4	Ci.-S.	S.-Cu. NE
8	N	NE	NE	NE	N	N	99.5	157.1	120.4	69.8	446.8	4	Ci.	Cu. NE	5	Ci.-S.	S.-Cu. NE
9	N	N	NNE	NE	N	NE	90.9	133	124.5	68.2	416.6	8	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
10	N	NNE	NNE	NE	NE	NE	77.5	126	128.2	45.7	377.4	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu. E
11	N	NE	N	NE	NE	SE	66.5	48.5	136.5	68.4	319.9	9	.....	N. NE	10	Ci.-S.	Cu.-N. NE
12	Calm	Calm	NE	NE	N	NE	20.4	111.8	119.1	81.3	332.6	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	S.-Cu. NE
13	Calm	NE	NE	NE	NE	N	29.2	70.2	83.9	87.7	271	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
14	N	N	NE	NE	NE	N	74.6	64.2	112	62.8	313.6	9	Ci.-S.	S.-Cu. E	4	Ci.-S.	S.-Cu. NE
15	N	N	NE	NE	NE	N	64.9	95.6	102	38.9	301.4	6	Ci.-S.	Cu.-N. E	4	Ci.	Cu. NE
16	NE	N	NE	NE	NE	N	55.3	86.4	119.4	59.7	320.8	3	Ci.-S.	Cu. NE	7	Ci.-S.	S.-Cu. NE
17	Calm	N	NE	NE	NE	NE	46.2	67.4	95.5	49.6	258.7	10	.....	N. NE	5	Ci.	Cu. NE
18	N	N	NE	NE	NE	Calm	66	96	109.9	39.9	311.8	8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	S.-Cu. NE
19	NE	Calm	NE	NE	NE	Calm	48.5	42	127.7	59.3	277.5	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu.-N. NNE
20	N	NE	NE	NE	NE	NE	63.4	56.5	117.8	40	277.7	10	Ci.-S.	Cu.-N. NE	8	Ci.-S.	S.-Cu. NE
21	NE	Calm	NNE	NE	NE	E	17.2	69.4	119.4	41.5	247.5	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
22	N	Calm	NE	SW	N	Calm	57.4	55.8	53.9	24.6	191.7	7	Ci.-S.	S.-Cu. NE	9	Ci.-S.	Cu.-N. N
23	Calm	Calm	ENE	S	NW	Calm	10.8	43.3	49.3	26	129.4	8	Ci.-S.	Cu.-N. N	7	Ci.-S.	s.-cu. WNW
24	Calm	SW	W	NW	SW	SW	68.4	118.3	87.1	100.3	374.1	9	Ci.-S.	cu.-N. NW	6	Ci.-S.	Cu.-N. NW
25	W	SW	SW	SW	SW	SSW	152.9	216.6	287.4	321.6	978.5	9	Ci.-S. NW	S.-Cu. SW	10	Ci.-S.	Cu.-N. SW
26	S	W	SW	SW	SW	S	161.9	56.6	141.4	31.9	391.8	10	.....	N. W	6	Ci.-S.	S.-Cu. S
27	Calm	N	Calm	NE	Calm	NW	34	24.4	43.1	26	127.5	8	Ci.-S.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
28	Calm	Calm	SW	NE	NE	NE	14.7	33.3	92.2	38.8	179	6	Ci.-S.	S.-Cu.	4	Ci.	Cu. NE
29	Calm	NW	Calm	NE	NE	N	18	29.5	89.9?	54.5	191.9	6	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. NE
30	NE	N	NE	NE	NE	N	57.6	71.8	88	58.4	275.8	4	Ci.	Cu. NE	5	Ci.	Cu. NE
31	N	N	NE	NE	NE	N	63.1	104.3	100	59.3	326.7	4	Ci.	Cu. NE	6	Ci.-S.	S.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	61.1	89	109.8	64.3	324.1	7.6	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,048.5	.....	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p m	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.20	58.81	59.55	57.93	58.88	59.91	58.88	23.6	23.5	26.3	25.8	24.1	23.7	24.5	28	23.2	92	92	88	91	97	97	92.8	0.5
2..	59.01	59.60	60.21	57.86	58.75	59.70	59.19	23.5	23.6	27	28.5	26.3	24.5	25.6	29.1	23	98	97	88	78	85	90	89.3	1
3..	58.93	58.68	59.98	58.03	58.49	59.93	59.01	23.9	23.8	27.3	26	24.6	24	24.9	28.9	23.6	93	92	80	89	89	92	89.2	4.6
4..	58.71	58.94	60.13	57.92	58.82	60.22	59.12	23.5	23.3	27.2	28	24.9	23.6	25.1	28.6	23.1	93	95	78	77	90	95	88	2.1
5..	59.11	59.29	60.41	58.13	58.68	59.82	59.24	23.3	23.2	25	25.7	24.3	23.4	24.2	26.6	23	96	97	89	84	88	91	90.8	.6
6..	59.06	59.15	60.36	58.12	58.80	59.65	59.19	23	22.8	25	27	24.2	23	24.2	27.2	22.6	92	89	80	67	82	89	83.2	3.3
7..	58.72	58.82	59.74	57.61	58.35	60.13	58.90	22.4	22	22.9	25	24	23	23.2	25.7	21.8	92	95	95	88	89	92	91.8	10.4
8..	59.45	59.76	60.82	59.09	59.78	61.19	60.02	23	22.5	24.8	24.7	23.4	22.4	23.5	26.3	21.8	89	89	80	73	80	82	82.2	.....
9..	60.07	60.52	61.39	59.12	59.88	61.09	60.34	21.8	21.2	24.7	26	23.5	22.4	23.3	27.2	20.9	84	84	66	58	71	77	73.3	.....
10..	59.90	60.05	60.99	58.99	59.75	60.64	60.05	21.4	21.3	24	24.5	23.2	22.3	22.8	24.6	21.2	83	84	80	82	90	95	85.7	.....
11..	59.74	60.04	60.82	58.56	59.03	60.61	59.80	22.4	22.3	26.2	27.5	24.8	23.7	24.5	28.4	22.1	94	95	82	73	87	93	87.3	.....
12..	59.22	59.35	60.13	58.17	58.43	59.49	59.13	23	23.1	27.5	26.5	25	23.5	24.8	28.4	22.9	97	95	75	81	83	93	87.3	.....
13..	58.61	58.41	59.59	57.87	57.74	58.39	58.44	23.2	23.4	25.3	26.5	25	23.9	24.6	26.6	22.9	92	90	85	78	84	91	86.7	.....
14..	58.41	58.76	59.97	57.80	58.79	60.17	58.98	23.4	23.4	28	28	25.7	23.8	25.4	29.1	23.2	97	96	71	74	84	91	85.5	10.9
15..	59.26	59.77	60.32	59.09	59.61	60.14	59.70	23.2	23	25.5	26	23.9	23.4	24.2	26.3	22.7	96	96	84	82	89	91	89.7	.8
16..	59 39	59.60	60.28	58.36	58.81	59.80	59.37	22.8	22.3	24.2	25.3	23.7	23.5	23.6	25.9	22.2	94	96	87	81	89	89	89.3	.....
17..	59.14	59.14	59.59	57.78	58.35	59.41	58.90	22.8	22.5	25.7	25.5	23.8	22.7	23.8	26.5	22.5	91	91	80	84	92	96	89	.8
18..	58.34	58.52	59.46	57.24	58.05	9.13	58.46	22.2	22.4	26.1	28.2	25.1	23.7	24.6	28.7	22	97	93	81	75	89	93	88	.....
19..	58	57.96	58.79	57.07	57.97	59.45	58.21	23.6	23	27.5	27	25.1	23.6	25	29.4	22.8	92	96	78	84	91	96	89.5	1.3
20..	58.49	58.56	59.52	57.69	57.79	59.51	58.59	23.3	23.2	27.1	24.7	24.3	23.5	24.4	28.7	23.1	97	97	81	96	92	93	92.7	4.5
21..	58.51	58.65	59.56	57.42	58.08	59.21	58.57	23.2	22.9	24.9	27	24.4	23.6	24.3	27	22.5	94	95	86	73	85	87	86.7	.....
22..	58.25	58.52	59.94	58.15	58.81	59.99	58.94	23.2	22.6	24.9	25.2	23.7	22.9	23.8	26.2	22.3	87	89	80	77	85	85	83.8	.....
23..	59.01	58.76	59.79	57.62	57.54	58.71	58.57	22.8	22.5	25.4	25.5	23.7	23.4	23.9	26.2	22.3	83	85	73	74	85	87	81.2	.....
24..	58.02	57.69	58.20	56.18	57.01	58.21	57.55	23	22.5	25.1	26	24.2	23.6	24.1	26.2	22.4	90	92	81	78	89	91	86.8	.....
25..	57.15	57.25	58.01	56.18	57.44	58.57	57.43	23.3	22.8	25	25.8	23.5	22.7	23.8	26.9	22.3	91	95	85	79	86	88	87.3	2.3
26..	57.79	57.93	59.44	57.41	57.74	58.27	58.10	22.2	21.2	24	23.7	23.3	23	22.9	24.5	21	89	95	85	89	88	89	89.2	.3
27..	57.67	57.55	58.99	56.90	57.56	58.81	57.91	22.5	22.4	25.2	25.3	23.7	23.1	23.7	26.6	22	90	90	82	78	82	84	84.3	.....
28..	58	57.94	58.61	56.75	57.24	58.46	57.83	22.9	22	27	26.3	24.3	22.6	24.2	27.5	21.9	83	89	72	71	78	89	80.3	.....
29..	57.69	57.44	58.99	57.19	57.75	58.66	57.95	22.4	21.6	26	26.3	24.1	22.7	23.8	27.4	21.5	89	91	71	68	79	90	81.3	.....
30..	57.99	57.54	59.14	56.94	57.59	58.74	57.99	22.5	22.1	25.7	27.4	25.4	24.1	24.5	27.7	21.9	90	94	76	71	80	86	82.8	2
31..	58.36	58.40	59.70	57.62	58.31	59.29	58.61	22.7	22.4	25.3	25.7	24.6	23.3	24	27.1	22.3	97	98	87	89	89	94	92.3	1.9
Mean	58.65	58.75	59.76	57.77	58.38	59.53	58.81	22.9	22.6	25.7	26.1	24.3	23.3	24.2	27.2	22.4	91.7	92 6	80.8	78.8	86	90.2	86.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NNW	NE	N	N	N	63.8	97.4	82.9	63.6	307.7	9	Ci.-S.	S. N	10	Ci.-S.	N. NE
2..	Calm	N	NE	ENE	N	N	33.8	82.6	100.4	93.6	310.4	8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N. N
3..	N	N	N	N	N	N	100.1	144.6	121.2	101.4	467.3	3	Ci.	Cu. N	9	Ci.-S.	Cu.-N. NE
4..	N	NNW	NNE	NNE	NE	N	110.2	136.8	125.8	105.2	478	5	A.-Cu.	Cu.-N. NE	7	Ci.-S.	Cu.-N. NE
5..	N	NNW	N	N	N	N	94.8	127.9	157.5	148.9	529.1	9	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NE
6..	N	N	N	NNE	NNE	N	143.7	168.9	188.8	142.9	644.3	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
7..	N	N	N	NNE	N	N	156.1	126.3	169.1	146.4	597.9	10	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Cu.-N. NE
8..	N	N	N	NE	N	N	155.5	179.7	199	163	697.2	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
9..	N	N	N	N	N	N	190.7	217.5	229.9	167.3	805.4	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. NE
10..	NE	N	N	N	N	N	151.8	159.3	185.6	126.8	623.5	10	Ci.-S.	Cu.	10	Ci.-S.	N.-cf. NE
11..	N	N	N	NE	N	N	134.2	158	146.7	112.7	551.6	9	Ci.	Cu. NNE	9	Ci.-S.	Cu.-N. NNE
12..	N	N	NNE	NE	N	N	86.7	131.7	125	99.6	443	9	Ci.-S.	Cu. NE	9	Ci.-S.	Cu.-N. N
13..	N	N	N	NNE	N	N	110.2	133.1	142.7	108.9	494.9	8	Ci.	S.-Cu. NNE	10	Ci.-S.	Cu.-N.
14..	N	NNW	NE	NNE	NE	N	62.3	135	149.2	84.8	431.3	3	Ci.	Cu. N	7	Ci.-S.	Cu.-N. ENE
15..	N	N	NE	N	N	N	118.3	145.1	186.4	147.8	597.6	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NNE
16..	NNW	NNW	N	N	N	N	135.7	165.4	180	142.9	624	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
17..	N	N	N	N	N	N	137.9	140.5	148.2	107.3	533.9	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. NNE
18..	N	N	N	NE	N	N	103.6	126.9	118.8	85.5	434.8	7	Ci.	S.-Cu. NNE	7	Ci.	Cu.-N. ENE
19..	N	N	N	NE	N	N	108.8	135.8	103.6	97.6	445.8	2	Ci.	Cu.	7	Ci.	Cu.-N. ENE
20..	N	N	NE	NE	N	N	65.4	103.2	122.6	133.1	424.3	6	Ci.	Cu. NE	10	.....	N.
21..	N	N	N	NE	N	N	108.4	199.2	208.6	151.9	668.1	7	Ci.	Cu.-N. NNE	7	Ci.-S.	Cu.-N.
22..	N	N	N	N	N	N	147.9	186.1	183.2	156.4	673.6	9	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. NE
23..	N	NNE	NNE	N	NNE	N	146.9	188	184.8	117	636.7	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. NE
24..	N	N	N	N	N	N	124.5	171.7	190.1	151	637.3	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.-N. NNE
25..	N	N	NNW	N	NNE	NNE	143.5	163	215.3	195.2	717	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
26..	N	NE	N	NNE	NNE	N	158.7	183.4	218.6	192.1	752.8	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NNE
27..	N	N	NNE	NNE	NNE	N	174.9	213.5	220.1	161.1	769.6	7	Ci.	Cu. NNE	9	Ci.-S.	Cu.-N. NNE
28..	N	N	NNE	N	N	N	141.1	184.5	189.1	139.5	654.2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. NE
29..	NNE	N	N	N	NNE	N	135.2	178.3	172.2	118.9	604.6	7	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NE
30..	N	N	NNW	N	N	N	123.7	152.1	124.7	62.6	463.1	7	Ci.	Cu. NNE	10	Ci.-S.	Cu.-N. NE
31..	N	NNW	N	N	N	N	87.9	119.4	129.5	92.8	429.6	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NNE
Mean	.....	.....	.....	.....	.....	.....	121.2	153.4	161.9	126.4	562.9	8	.....	.....	9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,448.6	....	.....	.....	....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.80	58.72	60.14	58.36	59.08	59.85	59.16	22.9	22.7	26.2	27.5	25	23.8	24.7	28	22.6	94	94	79	73	86	91	86.2	.....
2	58.64	58.97	59.91	57.67	58.74	59.53	58.91	23.1	23	27.4	28.5	26.4	24	25.4	29.7	22.8	95	94	74	67	78	91	83.2	.....
3	58.71	58.86	59.77	57.15	58.15	59.43	58.68	23.2	23	27.1	28.5	25.3	24.2	25.2	28.8	22.9	95	96	76	70	85	90	85.3	.....
4	58.60	58.84	59.28	56.87	57.26	58.65	58.25	23.8	24	28	30.5	27.2	24.4	26.3	31.5	23.5	93	91	74	56	72	87	78.8	.....
5	58.33	58.55	59.71	56.74	57.30	58.19	58.14	23	22.5	28.5	32	28	25.8	26.6	32 1	22.5	93	96	71	57	71	85	78.8	.....
6	57.77	58.25	58.83	56.16	56.46	57.57	57.51	24	23.4	28.8	30.1	26	25.2	26.2	32.7	23.2	91	92	69	66	84	86	81.3	.....
7	57.37	57.58	58.84	56.89	57.47	58.86	57.84	24.4	23	27.1	26.4	24.4	24	24.9	28.9	22.7	90	96	73	75	82	83	83.2	1
8	58.61	58.95	59.91	58.07	58.59	59.70	58.97	22.2	22.5	26.5	28.4	25.4	23	24.7	29.4	21.7	91	89	66	53	69	84	75.3	.....
9	59.44	59.61	60.27	58.44	59.17	59.43	59.39	22	22	25.5	26.6	25.2	24.4	24.3	28.8	21.3	89	90	72	65	74	80	78.3	.....
10	58.39	58.67	59.45	58.35	58.79	59.55	58.87	23.4	23.5	24.5	26.2	23.7	23.6	24.2	26.5	23.4	88	87	87	81	94	90	87.8	.....
11	58.69	59.42	59.50	57.48	58.49	59.16	58.79	23.2	23.2	24.5	26	24.4	23.6	24.2	26.7	22 8	91	91	84	78	88	92	87.3	22.6
12	58.15	58.61	59.96	57.22	58.27	59.24	58.58	23.4	23.4	23	27.2	26	24.6	24.6	27.7	22.1	93	92	96	76	84	90	88.5	31.4
13	58.34	58.04	59.49	57.21	57.79	59.03	58.32	23.8	23.8	27.5	29.5	26.7	24.4	26	29.8	23.5	91	91	73	62	75	90	80.3	.....
14	58.45	58.89	59.53	57.45	57.50	58.84	58.44	23.5	23	28	30.2	27	24.8	26.1	30.5	22.9	94	96	71	59	75	88	80 5	.....
15	58.19	58.79	59.66	57.57	58.10	59.47	58.63	23.8	23.5	27.8	26.5	26	24.8	25.4	30	23.4	93	94	75	86	88	93	88.2	.....
16	59.37	59.91	60.91	58.84	58.87	60.35	59.71	24	24.4	28	26.6	26.5	24.5	25.7	29.4	23.8	96	91	71	83	80	89	85	.....
17	59.73	60.34	61.51	58.83	59.59	60.57	60.10	23.8	23	27.2	27.2	25	23.5	25	29.5	23	95	97	72	73	83	91	85.2	1.3
18	60.03	60.01	61.07	59.08	59.97	61.24	60.23	23.2	22.7	25	25.4	23.4	22.5	23.7	26.8	22.3	91	92	80	74	84	85	84.3	.....
19	60.09	60.63	61.71	59.84	60.26	61.02	60.59	22.2	21.8	25.5	24.2	22.8	22	23.1	27	21.6	88	88	70	86	89	93	85.7	.....
20	60.32	60.82	62.02	59.94	60.22	61.29	60.77	21.4	21.4	25.2	25.5	23.9	22.5	23.3	27.4	21	95	92	73	76	80	85	83.5	.....
21	60.59	61.28	62.47	60.23	60.70	61.64	61.15	22	21.3	26	26.2	24.8	22.4	23.8	27.5	21.2	86	88	67	66	74	88	78.2	.....
22	61.12	61.69	62.59	59.57	60.53	61.92	61.24	21.4	21.2	26.5	26.7	25.2	22.2	23.9	28.8	20.7	92	91	64	71	74	82	79	.....
23	61.47	61.68	62.32	60.10	61.07	62.25	61.48	21.2	20.7	25.5	26.2	23.3	22.2	23.2	27.7	20.4	84	84	63	62	75	81	74.8	.....
24	61.78	62.14	63.26	61.05	61.41	61.99	61.94	21	20.5	26	27	25.2	23.2	23.8	28.8	20.2	91	84	58	63	70	85	75.2	.....
25	60.89	60.78	62.23	59.80	61.18	61.37	61.04	23	22.5	24.5	26.5	25.5	23.5	24.2	27.5	22.4	87	91	84	73	76	89	83.3	.....
26	60.73	60.79	61.45	59.10	60	61.36	60.57	23	22.8	27.6	30	26	23.5	25.5	31	22.7	93	93	64	53	80	90	78.8	1.8
27	60.53	61.31	62.18	60.21	60.44	61.36	61	23.2	22.2	27.8	29.6	26.6	23.5	25.5	30 2	21.8	91	95	60	53	72	89	76.7	.....
28	61.30	61.22	61.50	59.33	59.91	61.02	60.71	23.4	23	27.6	28.5	26	24.5	25.5	28.6	22.3	88	92	66	60	76	83	77.5	.....
Mean	59.44	59.76	60.70	58.48	59.12	60.14	59.61	22.9	22.6	26.5	27.6	25.4	23.7	24.8	29	22.3	91.4	91.7	72.6	68.5	79.2	87.5	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	NE	NE	N	N	97.6	156.4	182.3	135.7	572	6	Ci.	Cu. NNE	9	Ci.-S.	Cu. NE
2	N	N	N	NE	NE	N	140	165.4	168.4	97.1	570.9	6	Ci.	S.-Cu.	5	Ci.	Cu.-N. NE
3	N	N	NE	NE	NNW	N	76.4	92.8	80.2	46.5	295.9	9	Ci.-S., A.-Cu.	Cu.	9	A.-Cu.	Cu.-N. NE
4	N	N	N	NE	NE	NE	57.9	67.4	71	23.5	219.8	8	Ci.-S.	S.-Cu.	4	Ci.	Cu.-N.
5	Calm	Calm	NE	SE	SW	Calm	27.1	47.3	68.1	21.7	164.2	7	Ci.-S.	Cu.	5	Ci.	Cu.-N.
6	SW	SW	SW	SW	N	N	29	34.6	76.7	36.8	177.1	7	Ci.-S.	Cu.	5	Ci.	Cu.-N.
7	N	Calm	N	NE	NE	NE	35.1	89.6	157.1	96	377.8	3	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
8	NE	N	NNE	NNE	N	N	95.2	167.9	177.5	104.6	545.2	10	Ci.-S.	S.-Cu. NE	7	Ci.	Cu. NE
9	N	N	NNE	NE	N	N	104.8	176.5	158.3	151	590.6	9	Ci.-S.	Cu.	10	Ci.-S.	Cu. NE
10	N	N	N	NE	N	N	156.6	150.8	146.4	123.4	577.2	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NE
11	N	N	N	N	N	N	121.2	178.1	161.2	111.3	571.8	10	Ci.-S.	Cu. NE	9	Ci.-S.	Cu. NE
12	N	N	NE	N	N	N	104.3	84.8	129.2	97.4	415.7	10	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.
13	N	N	NE	E	NE	N	113.7	108.8	104.9	100.3	427.7	10	Ci.-S.	S.-Cu. NE	5	Ci.	Cu.
14	N	N	NE	NE	NE	NE	85.1	107.5	104	67.9	364.5	4	Ci.	Cu.	5	Ci.	Cu.
15	N	N	NE	N	N	N	63.1	86.1	69	64.1	282.3	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. NE
16	N	N	NE	N	N	N	78.7	113.7	108.8	86.3	387.5	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. NE
17	N	N	NE	N	NE	N	70.3	148.1	173.5	121.3	513.2	4	Ci.	Cu.	9	Ci.-S.	Cu.-N.
18	N	N	NNE	N	N	N	132	189.9	207.9	165.9	695.7	9	Ci.-S.	Cu.-N. NE	7	Ci.	Cu. NE
19	N	N	NNE	N	N	N	153.7	187.5	159.5	163.3	664	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. NE
20	N	N	NNE	N	N	N	168.4	181.3	165.2	122.3	637.2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
21	N	N	NE	NE	NE	N	116.2	142.9	143.8	97.2	500.1	9	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. NE
22	N	N	NE	NE	NE	N	84.2	135.2	175.6	131.4	526.4	9	Ci.	Cu.	5	Ci.	Cu. NE
23	N	N	N	NE	N	N	116.9	166.2	170.6	110.5	564.2	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
24	N	N	N	NE	N	N	120.5	178.8	148.1	92.3	539.7	6	Ci.	Cu.	7	Ci.	Cu. NE
25	N	N	N	N	N	N	113.7	154	152.4	132.5	552.6	10	Ci.-S.	Cu.	9	Ci.-S.	S.-Cu. NE
26	N	N	NE	NE	NE	N	121.8	130.9	154.2	94.3	501.2	7	Ci.-S.	Cu. NE	6	Ci.	Cu. NE
27	N	N	NE	NE	NE	NE	116.4	151.5	154.8	66.8	489.5	10	Ci.-S.	Cu.-N.	5	Ci.	Cu.
28	NE	NE	NE	NE	NE	N	78.9	133.4	143	81.5	436.8	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	99.2	133.1	139.7	98	470	7.8	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,160.8	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.36	60.64	61.02	59.30	60.01	61.25	60.43	24	23	28	28.8	25.7	23.3	25.5	30	22.6	85	87	63	56	75	87	75.5	.....
2..	60.57	61.13	61.98	60.15	61.15	62.27	61.21	23	22.5	26.8	28.1	23.8	23.2	24.6	29.2	22.4	88	87	64	61	88	90	79.7	7.8
3..	62.09	62.80	63.42	60.91	61.65	62.49	62.23	22.3	21.9	26.2	28	25	24.2	24.6	28.7	21.7	97	96	75	63	80	85	82.7	4.3
4..	61.89	61.78	62.19	59.60	60.58	61.77	61.30	23.2	22.2	26.4	28.5	26.8	23.8	25.2	29.7	22	90	96	73	62	71	90	80.3	1.8
5..	60.73	60.69	61.57	59.32	59.88	61.57	60.63	23.5	23.4	25.8	26	24.4	23.4	24.4	26.9	23	91	92	81	82	85	91	87	2.3
6..	60.33	60.49	61.21	59.16	59.50	60.65	60.22	22.8	22.8	25.5	29.5	27.1	24.3	25.3	30.1	22.7	95	94	86	64	72	91	83.7	6.3
7..	60.04	60.09	60.73	58.59	59.19	60.31	59.82	23.7	23.4	27	26.6	23.5	22.8	24.5	27.2	22.8	92	93	78	77	90	95	87.5	4.1
8..	58.69	58.62	59.50	57.09	58.37	59.19	58.58	22.8	22.7	26.8	27.5	23.5	23.5	24.5	29.2	22.7	95	94	76	70	97	96	88	1
9..	58.03	58.63	59.49	56.81	57.44	59.09	58.25	22.4	22.6	27.5	28.3	26.2	24.8	25.3	29.5	22.2	98	98	77	72	79	88	85.3	.....
10..	58.04	58.62	59.82	57.46	58.28	59.45	58.61	23.5	23	28.5	29.5	26.8	24	25.9	30.2	22.6	94	97	65	68	80	88	82	.....
11..	58.87	59.50	60.73	58.10	57.95	59.36	59.08	23	22.5	28.5	28	26.2	25.2	25.6	31.6	22.2	93	96	64	71	79	83	81	.....
12..	58.44	58.67	60.01	57.34	57.80	59.18	58.57	23.8	23.5	28	30.5	27.2	24.5	26.2	31.7	23	91	91	67	61	72	86	78	.....
13..	58.27	58.61	59.56	57.04	57.61	59.48	58.43	23.6	22.8	28	30.2	27.5	25.4	26.2	30.8	22.7	90	95	68	61	75	84	78.8	.....
14..	58.57	59.67	60.40	58.17	57.70	59.07	58.93	24	23.5	29.5	30.5	27.8	24.5	26.6	32.7	23	90	91	64	65	73	84	77.8	.....
15..	58.44	59.40	60.66	58.45	58.37	59.90	59.20	23	21.5	29.5	29.5	26.8	24.8	25.8	31.5	21.5	91	95	60	64	78	87	79.2	.....
16..	59.54	60.28	60.95	58.74	59.10	60.60	59.87	24	22	29.5	30.2	27.5	25	26.4	31.5	21.8	86	97	62	59	73	83	76.7	.....
17..	60.15	60.81	61.75	59.41	60.50	61.92	60.76	23.5	22.5	28.5	29	27	24.4	25.8	30	22.5	90	96	67	63	72	87	79.2	.....
18..	61.23	61.97	62.78	60.17	60.60	62.02	61.46	23.2	22.7	28	29.2	27.1	24.2	25.7	30	22.4	91	91	66	55	68	83	75.7	.....
19..	61.32	61.47	62.02	59.79	60.18	61	60.96	23.4	22.3	28	28.7	26.5	23.6	25.4	29.5	22.3	84	88	63	64	73	86	76.3	.....
20..	60.67	60.34	61.23	58.68	58.87	60.02	59.97	22.8	22	28	28.2	26.5	23.4	25.2	29.9	21.5	89	91	58	59	69	85	75.2	.....
21..	59.55	59.35	59.93	57.07	57.72	59.02	58.77	22.5	21.5	28.5	29	27.2	24.2	25.5	29.5	21.3	87	91	55	61	65	82	73.5	.....
22..	58.37	59.29	60.45	57.42	58.20	60.40	59.02	23.5	23	28.7	32.1	27.8	25.5	26.8	32.2	22.8	85	88	63	54	73	78	73.5	.5
23..	59.44	59.73	59.91	57.49	57.85	59.17	58.93	23.2	23.6	28.7	29.9	28	24.8	26.4	31.1	22.8	93	90	63	59	66	82	75.5	.....
24..	58.37	58.39	59.53	57.02	57.44	59.12	58.31	23.2	22.5	29	30.8	28.5	26	26.7	32	22.5	90	91	67	56	66	79	74.8	.....
25..	58.42	58.47	59.79	57.41	57.92	59.10	58.52	25	24	30	31.5	28.5	26.5	27.6	32.5	23.4	85	91	65	57	78	83	76.5	.....
26..	58.54	58.67	59.82	57.74	57.85	59.51	58.69	25	24.5	30.5	31.3	29.2	26.5	27.8	32.1	24.3	88	91	65	59	64	76	73.8	.....
27..	58.87	59.05	60.42	58.19	59.29	60.35	59.36	25.6	24.5	27.5	29.5	25.4	24.8	26.2	30.7	23.5	81	80	77	64	80	87	78.2	2.1
28..	59.75	59.94	60.86	58.49	57.72	59.15	59.32	23.8	24	28	26	26	24.6	25.4	28.5	23.8	95	91	67	79	79	88	83.2	.....
29..	58.43	59.09	60.41	57.74	58.30	59.87	58.97	24	24.1	28.4	30.5	27.5	25.2	26.6	30.6	23.8	91	91	68	54	70	83	76.2	.....
30..	58.74	58.79	59.60	57.54	57.87	59.52	58.68	24	24	28.8	30.2	28.5	25	26.8	30.9	23.8	91	87	65	58	67	87	75.8	.5
31..	58.77	59.46	59.55	57.36	58.24	59.70	58.85	24.2	24	29.5	31	28.8	25.6	27.2	32	23.8	91	91	58	50	65	85	73.3	.....
Mean	59.47	59.82	60.69	58.31	58.81	60.18	59.55	23.5	23	28.1	29.2	26.7	24.5	25.9	30.4	22.7	90.2	91.8	67.4	62.8	74.9	85.8	78.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NNE	N	NE	N	77.2	123.9	136.8	97.9	435.8	10	Ci.-S.	Cu.	5	Ci.	Cu.
2..	N	N	N	NNE	N	N	86.4	165.1	168.6	114.3	534.4	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. NE
3..	N	N	NE	NE	N	NE	84.7	158	166.7	102.8	512.2	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. NE
4..	NE	N	NE	NE	NE	NE	75.9	141.1	157.1	115.3	489.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
5..	N	N	N	N	N	N	93.5	131	175.4	93.5	493.4	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
6..	N	N	N	NE	N	N	85.1	113.7	150.3	83.2	432.3	5	Ci.	Cu.	5	Ci.	Cu. NE
7..	N	N	N	N	N	N	84.7	132	130.7	116.9	464.3	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. NE
8..	N	N	N	N	NE	NE	97.6	131.5	106.5	40.2	375.8	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
9..	NE	Calm	S	SW	S	SW	19	50.4	109.7	61.7	240.8	9	Ci.-S.	Cu.	5	Ci. NE	Cu.
10..	Calm	Calm	SW	SW	SW	SW	19.3	45.6	109.2	47.7	221.8	7	Ci.-S.	Cu.	7	Ci. NW	Cu.-N.
11..	Calm	Calm	N	W	W	W	10.2	70.2	54.9	47.8	183.1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. N
12..	W	W	N	NE	N	NE	43.3	80.3	64.1	76.6	264.3	7	Ci.	Cu.	5	.....	Cu. NNE
13..	NE	NE	NE	E	Calm	N	45.3	101.4	81	45.3	273	3	Ci.-S.	Cu.	3	.....	Cu.
14..	Calm	Calm	Calm	SW	SW	SW	18	33.8	94.6	53.6	200	5	Ci.-S.	Cu.	3	Ci.	Cu.-N.
15..	Calm	Calm	SW	SW	SW	SW	10	28.5	96.3	36.8	171.6	4	Ci.	Cu.	3	Ci.	Cu.
16..	SW	Calm	SW	E	S	S	18.7	41.5	65.2	70	195.4	4	Ci.-S.	Cu.	3	.....	Cu.
17..	S	S	NE	NE	NE	NE	69.7	112	144	104.4	430.1	5	Ci.-S.	Cu.	3	.....	Cu.
18..	NE	NE	NE	NE	NE	N	85.1	143	178	103.6	509.7	7	Ci.-S.	S.-Cu.	2	.....	Cu.
19..	N	N	NE	NE	NE	NE	102.2	127.7	150.5	96.8	477.2	1	.....	Cu.	3	Ci.	Cu.
20..	NE	NE	NE	NE	NE	NE	73.8	125.3	144	90.6	433.7	2	Ci.	Cu.	3	Ci.	Cu.
21..	NE	NE	NE	ENE	NE	N	85.8	134.1	141.1	99.8	460.8	2	Ci.	Cu.	2	Ci.	Cu.
22..	N	N	NE	E	NE	N	63.4	83.7	115.3	106	368.4	7	Ci.	Cu.	3	Ci.	Cu.
23..	NE	NE	NE	NE	NE	NE	73.8	111.6	153.7	91.4	430.5	7	Ci.-S.	Cu. NE	3	.....	Cu.
24..	NE	NE	NE	NE	NE	NE	80.5	108.1	106.4	62.2	357.2	2	Ci.	Cu.	7	Ci.-S.	Cu. E
25..	NE	NE	NE	NE	NE	NE	67.8	108	121.2	66.3	363.3	2	Ci.	Cu.	3	Ci.	Cu.
26..	Calm	NE	NE	NE	NE	NE	57.7	104.3	140	74.6	376.6	2	Ci.	Cu.	7	Ci.-S.	Cu.-N.
27..	N	N	NE	NE	NE	NE	90.3	151.5	195.3	80.5	517.6	8	Ci.-S.	Cu.	9	A.-Cu.	Cu. ENE
28..	NE	NE	NE	SE	NE	N	91.5	126.3	119.7	90.1	427.6	9	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. E
29..	N	N	NE	NE	NE	NE	118.6	157.7	182.8	102.7	561.8	7	Ci.	Cu.	7	Ci.-S.	Cu.
30..	NE	N	NE	NE	NE	N	118.3	151.5	146.4	96.1	512.3	7	A.-Cu.	Cu.	6	Ci.-S.	Cu. NE
31..	N	N	NE	NE	NE	N	93.5	160.3	171.2	90.6	515.6	6	Ci.	Cu.	7	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	69.1	111.4	131.5	82.6	394.5	6.2	.....	.....	5.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,230	..	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.76	58.87	59.54	57.41	58.17	59.55	58.72	24.5	24.2	29.4	31.4	29	26.2	27.4	32.2	23.9	92	93	63	46	61	76	71.8	.....
2	58.28	58.47	59.31	57.01	57.62	58.79	58.25	25.5	24.5	28.2	27.5	26.6	24.5	26.1	29.7	23.9	81	87	66	72	76	87	78.2	3.8
3	58.23	57.93	58.52	56.80	57.42	58.70	57.93	24	23.9	27.2	28.5	26.2	24.2	25.7	30.1	23.7	90	88	71	64	76	88	79.5	3
4	58.62	58.34	59.39	57.30	57.80	58.92	58.40	23.5	23.5	26.2	30	27.5	24.2	25.8	30.3	23.2	94	92	76	56	70	86	79	.....
5	58.58	58.37	59.13	57.29	57.40	58.65	58.24	24.2	23.5	28.2	30	28	24.6	26.4	30.3	23.5	83	88	65	60	71	88	75.8	2.5
6	57.54	57.92	58.50	56	56.74	58.42	57.52	23.8	23.8	29.5	29.6	28	25	26.6	31.4	23.7	93	93	68	61	70	85	78.3	.....
7	57.70	57.69	58.16	55.98	56.41	58.10	57.34	24.6	24	29.2	31.7	28.5	25.5	27.2	31.9	24	87	91	64	47	62	81	72	.....
8	57.24	57.62	58.75	56.55	56.59	58.40	57.52	24.5	23.8	30.5	31.6	28.6	25.6	27.4	32	23.8	87	93	55	52	60	81	71.3	.....
9	58.24	58.34	58.85	56.57	57.07	58.30	57.90	24.2	25	30	31	28.9	25.6	27.4	31.7	23.7	90	88	63	53	62	76	72	.....
10	58.07	58.06	59.25	57.01	57.59	58.60	58.10	23.8	23.5	30.1	31.5	28.5	25.6	27.2	31.7	22.8	85	85	61	57	70	85	73.8	.....
11	57.74	58.08	58.76	56.30	56.24	57.72	57.47	24	23.6	28.7	31.7	28.2	25.2	26.9	32.4	23.6	88	92	66	41	57	74	69.7	.....
12	56.24	56.50	57.40	55.05	55.17	57.02	56.23	24	23.5	29.5	29.2	28	25.8	26.7	34	23.5	83	87	55	70	69	78	73.7	.....
13	56.12	56.18	57.47	55.29	55.55	57.72	56.39	24.6	22.5	32	31.5	28.8	26.6	27.7	32.5	22.3	80	91	41	55	65	71	67.2	.....
14	57.36	57.56	58.29	56.34	56.55	58.16	57.38	24.5	21.7	29	31.2	27.7	26.8	26.8	31.5	21.7	76	91	61	64	79	81	75.3	.....
15	57.74	57.97	58.85	56.34	56.84	58.60	57.72	26	23.5	29	30.5	28.1	26.8	27.3	32.4	23.5	85	96	71	68	77	84	80.2	3.3
16	58.25	58.57	59.37	56.90	57.62	58.79	58.25	25	25.2	29	30.5	26	25	26.8	30.8	24.3	93	90	71	62	80	85	80.2	.....
17	58.57	59.19	60	57.79	58.60	59.90	59.01	23.5	23.5	29	30.5	28.2	25.5	26.7	31	23.3	92	90	64	59	69	81	75.8	.....
18	59.63	59.98	60.80	58.87	58.92	60.57	59.80	24.2	23.6	29	30	27.8	25.2	26.6	30.7	23.3	86	90	62	59	69	79	74.2	.....
19	60.56	60.62	61.20	59	59.04	60.91	60.22	23.5	23.5	29.6	30.6	28.5	25.8	26.9	31	23	89	89	56	53	62	76	70.8	.....
20	59.95	60.14	61.21	59.50	59.31	60.76	60.14	23.8	24.2	28.9	25.4	27.5	24.8	25.8	29.5	23.3	90	86	62	84	69	85	79.3	2
21	59.43	59.69	60.85	57.91	58.27	59.90	59.34	24	24	28.6	31	28.8	25.8	27	31.5	23.6	90	90	72	59	68	81	76.7	.....
22	58.60	58.83	59.72	56.95	58.66	58.72	58.58	25	24.4	30.5	32.2	27	25.8	27.5	32.5	24.1	83	88	65	55	73	76	73.3	.....
23	58.87	58.85	59.95	57.84	58.52	59.71	58.96	24.2	23.3	30.2	31.5	29.5	27	27.6	32	23	86	89	59	56	61	75	71	.....
24	59.60	59.37	60.20	58.53	58.86	60.68	59.54	25.5	25.2	30.8	31	29.5	27	28.2	32.6	24.6	87	90	60	56	64	77	72.3	.....
25	59.66	59.82	60.97	58.23	58.71	59.71	59.52	25.5	25	30	31.7	29.8	27	28.2	32.4	24.5	86	92	69	53	62	78	73.3	.....
26	58.84	59.14	59.44	57.04	57.56	58.70	58.45	26	25.4	31	32	28.5	26.5	28.2	33	24.7	85	88	62	55	70	82	73.7	9.1
27	57.92	57.96	59.02	56.49	56.87	58.48	57.79	25.2	25	29.4	31	28.2	25.4	27.4	31.4	24.5	90	94	72	61	76	90	80.5	29
28	57.77	57.54	58.45	56.23	57.34	58.90	57.70	24.9	24.5	29.5	31.5	27.5	26	27.3	31.8	24.2	92	96	72	57	78	84	79.8	.....
29	58.34	58.88	59.39	58.50	57.85	59.11	58.68	25.2	24.4	30	31.5	29.5	26	27.8	31.7	24	85	91	68	56	63	81	74	.....
30	58.28	58.84	59.22	57.73	57.35	58.70	58.35	25.2	25	30.3	32.5	29.5	25.8	28	32.9	24.7	88	92	64	47	61	81	72.2	.....
Mean	58.36	58.51	59.33	57.16	57.55	58.97	58.31	24.5	24	29.4	30.7	28.2	25.7	27.1	31.6	23.7	87.2	90.3	64.1	57.9	68.3	81.1	74.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	97.1	146.6	159.1	103.3	506.1	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
2	N	N	N	NE	NE	N	98.5	117	97.6	106	419.1	7	Ci.	Cu.	10	Ci.-S.	Cu.-N.
3	N	N	N	NE	NE	N	90.9	165.7	152.6	100.4	509.6	7	Ci.	Cu.	8	Ci.-S.	Cu.
4	NE	N	N	NE	NE	N	92.5	133.4	160.6	72.7	459.2	7	Ci.	Cu.	3	Ci.	Cu.
5	N	N	NE	NE	NE	NE	79.7	137.8	166	83.7	467.2	3	Ci.	Cu.	3	Ci.	Cu.
6	NE	N	NE	NE	NE	NE	61.4	121.7	124.9	93.6	401.6	4	Ci.	Cu.	7	Ci.	Cu. NE
7	NE	NE	NE	E	NE	NE	85.6	119.6	141.1	71.9	418.2	3	Ci.	Cu.	6	Ci.	Cu.
8	NE	N	NE	NE	NE	N	88.8	134.4	146.2	77.7	447.1	4	Ci.	Cu.	4	Ci.	Cu.
9	N	NE	NE	NE	E	E	81.6	115.1	150.5	58.9	406.1	9	Ci.-S.	Cu.-N. NE	5	Ci.	Cu.
10	NE	NE	NE	NE	NE	NE	70.3	94.6	125.5	64.6	355	7	Ci.	Cu.	5	Ci.	Cu.
11	N	NE	N	N	N	N	70	91.2	126.5	52.1	339.8	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
12	N	Calm	N	SW	Calm	Calm	28.4	89.8	66.3	22.7	207.2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. N
13	SW	Calm	SSW	SSW	SW	SW	23.1	43.5	119.4	51.2	237.2	8	Ci.-S.	Cu.	7	A.-Cu. NW	Cu.
14	Calm	SW	SSW	SW	SW	SW	18	40.2	111.8	88.8	258.8	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.
15	SW	Calm	SW	SW	SW	SW	47.5	51.8	108.1	48.1	255.5	4	Ci.-S.	Cu.	5	Ci.	Cu.
16	SW	SW	S	NE	NW	NW	51	80.7	92	38	261.7	8	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
17	N	N	NE	E	NE	NE	58.4	116.9	152.9	90.6	418.8	8	Ci.-S.	Cu.	4	Ci.	Cu.
18	NE	NE	NE	NE	NE	N	93.8	137.3	166.8	98.7	496.6	3	Ci.	Cu.	3	Ci.	Cu.
19	N	N	NE	NE	NE	N	102.2	149.9	179.7	105.6	537.4	2	Ci.	Cu.	2	Ci.	Cu.
20	N	N	NE	N	NE	N	83.2	120.5	92.3	91.5	387.5	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. NE
21	N	N	NE	NE	NE	N	87.9	144.2	143.2	75.1	450.4	4	Ci.	Cu.	3	Ci.	Cu.
22	N	N	NE	E	NE	E	70.2	118.8	165.1	72.2	426.3	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23	N	N	NE	NE	NE	NE	73.7	128.4	140.2	80	422.3	4	Ci.-S.	Cu.	3	Ci.	Cu.
24	N	N	NE	NE	NE	N	80.2	137.3	150.2	89	456.7	6	Ci.	Cu.-N. NE	9	Ci.-S.	Cu.-N. NE
25	N	N	NE	NE	NE	N	85.3	106.8	141	93.5	426.6	9	Ci.-S.	Cu.-N. NE	6	Ci.-S.	Cu.
26	N	N	NE	NE	NE	Calm	74.6	97.1	122.6	34.9	329.2	6	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
27	NW	NW	NW	NE	NE	NE	47.3	70	66.8	48.5	232.6	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
28	W	NW	N	NE	N	N	46.1	78.9	101.7	26.2	252.9	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
29	N	N	NE	NE	NE	N	56.5	71.8	135.8	71.9	336	7	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
30	N	N	NE	E	NE	N	97.2	118.3	143.4	80.3	439.2	7	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	71.4	109.3	131.7	73.1	385.4	6.1	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,561.9	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	57.92	58.14	58.86	56.54	57.26	58.24	57.83	25.5	25	30.3	32	29.3	25.8	28	32.4	24.8	84	89	60	47	66	85	71.8	.....
2	57.24	57.73	58.47	56.55	57.20	57.70	57.48	25.4	25	30	31.5	29	26.5	27.9	31.6	24.8	87	92	65	60	65	80	74.8	.....
3	57.02	57.64	58.70	56 35	57.28	58.34	57.56	25	25	30	32.2	29.6	26.5	28	32.3	24.5	88	89	63	54	67	83	74	.....
4	57.70	58.78	59.84	57.64	58.15	59.12	58 54	25.5	25.3	31	32	29.5	27	28.4	32.1	25.1	88	89	62	58	69	80	74.3	.....
5	58.68	58.97	59.49	57.04	57.28	59.01	58.41	25.6	24.9	30.6	32.8	30.5	27.4	28.6	33.2	24.6	85	88	65	49	58	76	70.2	.....
6	57.88	58.03	58.37	55.87	56.43	58.58	57.53	26.2	25.5	31.4	32.8	30.5	28	29.1	33.1	24.5	84	88	62	51	59	74	69.7	.....
7	57.60	57.74	58.22	55.73	56.26	57.74	57.22	27	25.6	30.2	31.5	29.5	27.2	28.5	32.3	25.5	80	91	64	60	64	78	72.8	1.3
8	56.78	56.40	57.74	56.31	56.24	57.46	56.82	25.4	25	30.5	26.4	27.8	26.1	26.9	31.7	24.7	90	92	70	91	79	87	84.8	2.5
9	56.55	56.57	57.60	55.40	56.43	58.24	56.80	25.2	24.5	30.5	31.2	27	25	27.2	33	24	90	92	68	64	78	88	80	.....
10	57.54	57.55	58.95	57.29	57.32	58.62	57.88	24.5	24.1	29.3	28.2	27.6	26.2	26.6	30.4	24	89	91	74	80	83	90	84.5	.....
11	57.69	58.13	58.69	56.74	57.21	58.60	57.84	25	25	30.1	31	29.3	26.8	27.9	31.6	24.5	93	91	65	59	64	81	75.5	11.4
12	58.10	57.57	58.43	56.90	57.42	57.98	57.73	24.6	25	29.5	29	26.5	25.8	26.7	30.5	23.8	97	96	71	74	83	87	84.7	1
13	57.62	57.39	58.36	56.95	57.77	59.30	57.90	24.8	24.4	30	31	29	26.6	27.6	31.7	24.2	92	91	68	65	76	90	80.3	14.7
14	59.12	59.0	59.41	57.93	58.17	59.55	58.87	25.4	24.6	29.7	31.5	29.4	26	27.8	31.6	24.3	93	95	71	60	70	85	79	.5
15	58 97	59.32	59.75	57.45	57.20	59.04	58.62	25.2	25	30.5	31.6	30.1	26.8	28.2	32.1	24.7	90	92	62	56	63	81	74	.....
16	58.12	57.37	59.01	56.26	56.11	57.62	57.58	26.2	25.2	30	31.5	29.5	26.2	28.1	31.7	25.1	84	90	68	56	66	81	74.2	.....
17	56.72	57.07	57.61	55.37	55.80	57.37	56.66	25.2	24.7	30.8	32.8	30.5	28	28.7	33	24.6	87	89	64	54	63	76	72.2	12.7
18	56.86	57.64	57.82	56.04	56.75	58.60	57.28	25.6	25	29.7	32	27.2	26	27.6	32	24.4	89	92	73	65	87	90	82.7	8.1
19	57.85	58.21	58.52	56.29	56.55	58.24	57.61	24.8	24.7	30.1	32	30.2	27	28.1	32.3	24.4	95	96	68	52	60	75	74.3	.....
20	57.92	58.32	58.84	56.70	56.86	57.91	57.76	25.3	24.5	30.2	32	29.5	26	27.9	32.7	24.4	84	91	68	54	68	82	74.5	.....
21	57.36	57.45	58.69	56.55	56.65	58.24	57.49	25	25	30	31.1	29.4	26	27.8	32	24.7	90	90	65	62	61	78	74.3	.....
22	57.92	58.44	58.97	56.94	57.07	58.30	57.94	24.2	24	29.8	33	29.6	27.6	28	33.4	23.2	83	75	62	42	59	67	64.7	.....
23	58.22	58.53	58.87	56.74	56.37	57.87	57.77	25	24	30	32.2	28.8	27.6	27.9	33.4	23.5	79	83	61	50	69	79	70.2	.....
24	57.80	58.01	58.45	56.31	56.17	57.66	57.40	24.8	24.6	30.4	31.5	29.5	27.7	28.1	32.5	23.8	93	90	56	54	66	76	72.5	.....
25	57.46	57.74	58.85	56.80	57.22	58.90	57.83	26.4	24.5	30.2	32	29.4	26.8	28.2	32.5	24.5	81	80	64	54	68	85	73.7	1.8
26	58.54	58.82	59.66	57.73	58.14	59.35	58.71	25.2	25.6	29.6	31	28.8	27.4	27.9	31.6	24.7	90	93	72	61	72	81	78.2	4.1
27	58.90	59.17	59.94	57.63	58.43	59.88	58.99	26.8	25.9	29	31	28.2	27.2	28	31.4	25.8	84	86	76	63	76	83	78	.....
28	59.27	58.70	59.46	57.22	58.13	59.17	58.66	25.5	24.4	30.5	31.5	28	25.4	27.6	32	23.7	92	93	66	60	71	84	77.7	.....
29	58.52	58.53	58.85	57.04	57.99	59.88	58.47	24.8	24.5	31	31.6	28.5	25.2	27.6	33	24	89	92	65	65	84	90	80.8	2.6
30	59.25	59.76	59.29	57.01	57.97	59.39	58.78	24.6	24.8	31	31.8	28.6	25.8	27.8	33.1	24.1	95	93	64	64	78	90	80.7	.....
31	58.85	59.50	59.25	57.08	58.17	59.35	58.70	25	24.6	30.5	32.5	29	26.5	28	33.4	24.2	97	95	65	60	74	84	79.2	.....
Mean	57.93	58.17	58.81	56.72	57.16	58.56	57.89	25.3	24.8	30.2	31.4	29	26.6	27.9	32.2	24.4	88.5	90.5	66	59.5	69.9	82.1	76.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	N	NE	NE	NE	N	97.4	141.1	151	104.8	494.3	7	Ci.	Cu.	4	Ci.	Cu.
2	N	N	NE	NE	NE	N	94.1	132.3	169.1	82.3	477.8	5	Ci. E	Cu. NE	5	Ci.	Cu. NE
3	N	N	NE	NE	NE	N	87.5	115.6	122	72.6	397.7	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.
4	N	N	NE	NE	NE	N	79.7	108.3	115.3	82.9	386.2	8	Ci.-S.	Cu.	7	Ci.	Cu.
5	N	N	NE	NE	NE	N	82 7	127.4	158.2	104.6	472.9	3	Ci.	Cu.	2	Ci.	Cu
6	N	N	NE	NE	NE	N	118.1	174.6	160.4	88.5	541.6	3	Ci.	Cu.	3	Ci.	Cu.
7	N	N	NE	NE	NE	N	89.3	114.8	122.1	71.6	397.8	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
8	NE	N	NE	Calm	S	S	67	91.2	44.3	26.6	229.1	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
9	Calm	S	S	SW	SW	Calm	20.1	30.9	64.9	26.4	142.3	8	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
10	SW	SW	E	S	Calm	S	29.3	49.6	50.2	21.4	150.5	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
11	S	S	NE	NE	NE	N	76.9	105.1	108.9	74.3	365.2	7	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.
12	NE	N	NE	NE	NE	NE	78.1	110.2	123.9	34.1	346.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
13	NE	N	NE	E	NE	E	58.9	101.1	121.5	69.2	350.7	3	Ci.	Cu.	5	Ci.-S.	Cu.
14	S	Calm	NE	NE	E	N	30.1	67.9	92.7	60.2	250.9	7	Ci.-S.	Cu.	6	Ci.	Cu.
15	N	N	NE	NE	NE	NE	66	106.2	119.1	74.6	365.9	4	Ci.-S.	Cu.	4	Ci.	Cu.
16	N	N	NE	NE	NE	N	63.4	83.7	160.4	91.9	399.4	2	Ci.	Cu.	4	Ci.	Cu.
17	N	N	NE	E	NE	E	72.2	95.2	98.2	60	325.6	3	Ci.	Cu.	3	Ci.	Cu.
18	NE	N	NE	NE	SW	Calm	50.4	74	61.7	26.2	212.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
19	Calm	NW	NE	ENE	NE	NE	18.3	75.4	108.9	53.6	256.2	8	Ci.	Cu.	2	.....	Cu.
20	N	N	NE	NE	NE	NE	60.4	88.2	126.1	59	333.7	9	Ci.-S.	Cu.-N.	4	Ci.	Cu.
21	NE	NE	NE	E	E	Calm	47	85.3	101.4	25.2	258.9	7	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N.
22	Calm	NE	E	E	Calm	SW	32.2	58.9	61.5	29	181.6	3	Ci.	Cu.	4	Ci.	Cu.
23	SW	SW	SW	SW	SW	SW	21.1	48.3	81.3	35.7	186.4	6	Ci.	.....	4	Ci.	Cu.
24	Calm	Calm	SW	SW	SW	SW	18	52	95	54.9	219.9	1	Ci.	.....	4	Ci.	Cu.
25	SW	Calm	SW	SW	SW	SW	32.2	61.2	125.2	96.4	315	3	Ci.	Cu.	3	Ci.	Cu.
26	SW	SW	SW	SW	SW	SW	69.4	99.8	118.5	74.2	361.9	9	Ci.-S	S.-Cu. sw	6	Ci.	Cu.
27	SW	SW	SW	SW	SW	SW	55.8	90.9	121.3	64.2	332.2	5	Ci.-S.	Cu.	6	Ci.	Cu.
28	SW	Calm	SW	SW	NE	NW	35.9	47	108.8	40.4	232.1	9	Ci.-S.	Cu.	4	Ci.	Cu.
29	Calm	Calm	W	S	S	Calm	16.9	31.9	78.3	37.2	164.3	3	Ci.	Cu.	4	Ci.	Cu.
30	N	Calm	Calm	SW	SW	Calm	23.8	28	63.3	17.9	133	7	Ci.	Cu.	6	Ci.-S.	Cu.-N.
31	SW	Calm	SW	SW	E	Calm	17.7	40.5	62.5	28.4	149.1	8	Ci.	Cu.	6	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	55.2	85.1	106.3	57.7	304.2	6	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,430.8	.....	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.05	59.93	59.51	57.92	59.03	59.97	59.24	25.7	25.4	30.6	32	27.5	26	27.9	33.1	24.7	84	84	62	52	73	82	72.8	.....
2	58.78	58.96	59.21	57.30	58.97	60.45	58.94	25	24.5	27.4	29.5	24.5	24	25.8	31.4	23	88	89	77	61	95	96	84.3	51.9
3	58.73	58.61	58.71	56.14	56.87	58.22	57.88	23.2	23	30.4	32.1	28	25	27	32.7	22.4	97	96	64	54	76	92	79.8	1.8
4	57.59	58.08	58.25	56.75	57.10	58.36	57.69	25.5	24.7	28.8	28.4	26	25.2	26.4	30.5	24	88	94	72	78	89	92	85.5	44.9
5	56.98	57.12	57.99	56.27	56.53	57.60	57.08	25	24.5	26.7	24.5	25.5	24.8	25.2	28.4	23.5	92	96	83	96	88	91	91	56.9
6	56.47	56.54	57.29	55.99	56.55	57.87	56.78	23.5	23.3	27	25.7	26	25.6	25.2	27	23	99	98	80	83	82	83	87.5	22.5
7	57.92	57.74	58.37	57.10	57.90	59.84	58.14	23.8	24.8	28.8	29.2	27	25.8	26.6	29.9	23.2	93	86	72	71	82	87	81.8	.....
8	59.22	58.87	59.86	58.18	59.30	60.50	59.32	25.5	25	29.2	30	25.6	24.8	26.7	30.6	24.2	89	92	72	68	87	85	82.2	.....
9	59.54	59.08	59.94	58.96	59.97	60.03	59.59	24.5	24	29.5	30.2	24.4	24.2	26.1	30.5	23.4	86	87	68	60	87	88	79.3	10.1
10	59.17	58.68	58.96	57.32	57.72	59.47	58.55	23.6	23.5	28.8	28.5	24.3	24.2	25.5	31	23.3	93	96	69	70	89	91	84.7	10.2
11	58.23	58.01	58.98	57.34	57.21	58.96	58.12	24	23.6	28.8	28.5	27	26.5	26.4	29.6	23.3	96	97	76	78	78	84	84.8	.....
12	58.49	58.89	59.40	57.73	58.08	59.58	58.70	26	24.1	29.3	30	28.2	27.2	27.5	30.5	23.9	84	91	69	69	76	83	78.7	.....
13	58.75	59.21	59.99	58.40	59.40	60.07	59.30	26	25.5	30.2	29	27.6	24.5	27.1	30.8	24.1	88	92	70	74	84	89	82.8	.....
14	59.33	59.83	59.36	57.73	58.47	59.20	58.99	24	24.7	30.4	30.6	28.5	26	27.4	32.1	23.6	91	91	69	65	79	90	80.8	.....
15	59.08	59.02	59	57.44	58.25	59.30	58.68	25.4	25	30.5	32	28.9	26.6	28.1	32	24.4	92	92	66	55	74	84	77.2	.....
16	59.06	59.42	59.79	57.42	58.27	59.25	58.87	26	25.3	30.6	32	27	26.1	27.8	32.2	24.8	85	89	68	63	83	86	79	.....
17	59.02	59.41	59.64	57.88	58.13	58.81	58.82	25.4	24.9	30.6	29.9	27	25.6	27.3	31.6	24.2	90	89	65	69	83	87	80.5	1.5
18	58.36	58.20	59.34	57.94	58.76	59.02	58.60	25.4	24.5	29.2	28	25	25.6	26.3	30.6	24.1	92	92	70	74	88	88	84	5.8
19	58.79	58.55	59.57	57.38	57.58	58.72	58.43	24.8	24.5	30	32.5	29	26.2	27.8	32.5	23.8	92	92	71	58	65	78	76	9.7
20	58.52	58.66	59.51	57.60	57.79	58.66	58.46	25.2	25.1	30.1	31.9	26.5	24.2	27.2	31.9	24	82	93	68	64	88	94	81.5	60.7
21	58.49	58.21	59.05	56.77	57.50	58.78	58.13	23.9	24	29.5	28.7	27	24.8	26.3	30.6	23.1	96	96	71	78	86	92	86.5	11.5
22	57.74	57.84	58.46	56.31	57.34	58.62	57	72	24.5	24.4	28.8	29.8	24.6	24.8	26.2	23.4	94	92	79	71	88	93	86.2	3
23	57.48	57.60	58.62	56.41	56.76	58.40	57.54	24	24.1	28.5	31.5	28	27	27.2	31.8	23.6	93	91	73	58	77	80	78.7	.....
24	57.75	57.64	58.29	55.79	56.35	57.90	57.29	25	24.6	30.5	32	28.5	25.5	27.7	32.6	24.2	88	93	62	63	77	91	79	1.3
25	57.42	57.27	57.57	56.12	56.20	56.80	56.90	25.1	25.2	29	30	27	25.2	26.9	31.4	24.4	91	91	71	65	80	90	81.3	.....
26	55.52	54.96	56.12	55.28	54.48	56.04	55.40	25.8	26.6	26.5	27.5	24.8	24.3	25.9	28.1	24	84	80	84	81	89	91	84.8	14.7
27	54.19	53.39	53.94	52.69	52.79	53.68	53.45	24.7	25.4	26	26	25	24.8	25.3	26.8	24	90	87	87	85	92	93	89	28.9
28	52.49	52.44	52.80	51.70	51.89	52.37	52.28	24.5	26.4	27.5	27.7	27.2	26.8	26.7	28	23.2	91	79	79	79	81	84	82.2	26.8
29	52.19	52.68	53.02	52.37	53.64	55.20	53.18	26.5	24.8	28	27.2	24.2	25.4	26	28.4	23.7	86	95	79	84	97	87	88	39.1
30	55.04	55.52	56.38	55.46	56.51	57.95	56.14	26.2	26	28	27.8	27.5	26.2	27	29	24.7	89	88	83	86	82	89	86.2	4.9
Mean	57.65	57.68	58.23	56.59	57.18	58.32	57.61	24.9	24.7	29	29.4	26.6	25.4	26.7	30.6	23.8	90.1	90.9	72.6	70.4	83.2	88	82.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	406.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	NE	N	NW	19.9	64.7	57.6	31.6	173.8	8	Ci.	Cu.	9	Ci.	Cu.
2	Calm	NW	NE	N	Calm	SW	20.1	57.9	60.7	24.3	163	9	Ci.	cu.-N. NE	8	Ci.-S.	Cu.-N.
3	Calm	Calm	SW	SW	SE	Calm	20.1	27.1	54.4	28.2	129.8	9	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
4	SE	Calm	Calm	S	S	SW	19.5	37.6	62.2	42.3	161.6	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5	Calm	S	S	SW	SW	SW	32.7	63.3	92.5	67.8	256.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
6	SW	SW	SW	SW	SW	SW	67.9	87.5	92.7	53.6	301.7	9	Ci.-S.	cu.-N. SW	10	Ci.-S.	Cu.-N. SW
7	SW	SW	SW	SW	SW	SW	54.7	76.9	113	54.9	299.5	5	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.
8	SW	Calm	SW	SW	N	N	17.2	64.4	107	30.3	218.9	5	Ci.	Cu.	5	Ci.	Cu.
9	N	Calm	N	NE	Calm	Calm	16.6	30	57.4	23.3	127.3	5	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
10	Calm	NE	W	W	Calm	Calm	20.7	36.5	52.3	28.4	137.9	9	Ci.-S.	S.-Cu.	9	Ci.	Cu.-N.
11	Calm	W	SW	SW	SW	SW	19.6	56.8	116.1	67.3	259.8	7	Ci.-S.	Cu.	8	Ci.	Cu.
12	SW	SW	SW	SW	SW	SW	42.3	54.2	97.4	50.9	244.8	6	Ci.-S.	Cu.	3	Ci.	Cu.
13	SW	SW	SW	SW	SW	SW	24.1	37.6	69.2	30.9	161.8	5	Ci.	Cu.	6	Ci.	Cu.-N.
14	Calm	Calm	SW	E	NW	Calm	20.9	48	62.6	22.5	154	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
15	NW	NW	NE	NE	E	NW	21.7	46.7	61	24.7	154.1	7	Ci.	Cu.	8	Ci.	Cu.
16	Calm	NW	NE	S	Calm	Calm	19.1	44.1	49.9	11.3	124.4	9	Ci.-S.	cu.-N. NE	7	Ci.-S.	Cu.-N.
17	Calm	Calm	SW	SW	Calm	N	13.2	33	45.1	20.9	112.2	8	Ci.	Cu.	9	Ci.-S.	Cu.-N.
18	Calm	N	N	NE	N	Calm	26.6	57.1	62.6	28	174.3	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
19	N	N	N	NE	NE	NE	35.4	53.7	78.3	57.4	224.8	6	Ci.	Cu.	4	Ci.	Cu.
20	NE	NE	NE	NE	NE	NE	55.7	43.3	67.8	44	210.8	7	Ci.	Cu.	7	Ci.	Cu.-N.
21	Calm	NE	NE	E	NW	Calm	22.3	53.6	59.3	38	173.2	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
22	Calm	N	NE	SE	NW	Calm	34.1	66	68.7	17.2	186	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
23	Calm	Calm	Calm	NW	SW	SW	20.7	21.9	50.2	60	152.8	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
24	SW	Calm	Calm	S	SW	Calm	28.7	27.4	60.9	63.1	180.1	5	Ci.	Cu.	4	Ci.	Cu.
25	S	SW	SW	SW	E	Calm	58.2	51.2	72.9	30.9	213.2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
26	SW	SW	SW	SW	SW	SW	110.8	94.1	67.6	37.3	309.8	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SW
27	SW	SW	WSW	SW	SW	SW	109.7	125.2	157.9	173.2	566	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
28	WSW	SW	SW	SW	SW	SW	208.4	229.5	222.3	223.5	883.7	9	Ci.-S.	cu.-N. SW	10	Ci.-S.	Cu.-N.
29	SW	SW	SW	SW	SW	SW	221.1	220.1	211.9	140.8	793.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N. SW
30	SW	SW	SW	SW	SW	SW	113	127.6	118.6	54.4	413.6	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	49.8	67.9	85	52.7	255.4	7.6	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,663.1	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.38	57.42	58.57	57.68	57.70	59.04	57.96	24.8	25.8	29	30.5	28	26.8	27.5	31.2	24.2	95	93	74	65	74	84	80.8	.....
2..	58.42	58.82	59.45	56.98	57.99	58.86	58.42	25.3	25	30	29.5	28.6	26.6	27.5	31.5	24.8	94	96	71	71	77	87	82.7	.....
3..	58.11	58.26	58.37	56.53	57.45	58.25	57.83	25	24.6	29.8	30	27	26	27.1	31	24.5	90	92	69	65	83	85	80.7	.....
4..	57.32	56.99	57.35	56.06	56.41	57.02	56.86	25.2	25.5	28.7	28	25	26	26.4	30	23.5	90	84	69	79	92	81	82.5	0.8
5..	56.09	56.13	56.21	54.86	54.76	55.73	55.63	25.5	24.6	27.5	27	26.5	26.2	26.2	28.5	23.6	91	92	73	80	74	78	81.3	.....
6..	55.08	54.89	56.40	55.52	55.91	57.37	55.86	24.8	26	28.5	27	26.4	24.6	26.2	30.3	22.6	88	84	75	86	85	93	85.2	69.6
7..	56.84	57.22	57.72	56.93	57.72	59.44	57.64	23.8	26	28	27.6	26	24	25.9	28.4	21.8	95	87	81	76	87	93	86.5	46.5
8..	58.70	58.32	58.87	57.16	57.42	57.95	58.07	24.5	26	27.6	29.1	26.6	26.8	26.8	29.4	23.8	89	88	84	81	87	87	86	3.3
9..	57.18	57.29	57.80	56.20	56.15	57.16	56.96	26.5	26.9	28.5	29.2	27.2	27	27.6	29.6	26.1	83	85	81	78	86	87	83.3	22.8
10..	56.35	56.33	57.15	55.87	56.39	57.23	56.55	26	26.7	27.2	29.8	27.5	25.4	27.1	30	23.2	90	86	80	79	85	90	85	12.7
11..	56.52	56.57	57.69	56.83	56.87	58.04	57.09	26.9	27	29.4	30	27.5	27.2	28	30	24.6	86	84	76	75	84	84	81.5	4.3
12..	57.65	57.82	58.77	58	57.90	59.10	58.21	27.2	26.8	29.2	29.5	27.6	27.2	27.9	30.6	24.3	84	83	76	76	82	87	81.3	3
13..	58.86	58.83	59.18	58.54	58.27	59.40	58.85	24.8	25.7	26.2	24.5	26.7	26	25.6	28.2	22.8	89	88	92	97	86	85	89.5	40.9
14..	58.32	58.34	58.44	57.33	57.67	58.41	58.08	26.5	26.2	28.5	30	27.5	27	27.6	30.3	24.8	85	82	78	75	82	86	81.3	1.5
15..	57.52	57.47	58.37	56.96	57.45	58.52	57.72	26.8	27.1	27	27.5	27	26.2	26.9	28.4	23	86	87	77	85	84	86	84.2	19.1
16..	57.69	57.94	58.75	57.68	58.70	59.28	58.34	25.8	26.4	29.2	30	26.5	26.3	27.4	30.3	23.9	88	86	78	78	88	83	83.5	2.5
17..	58.05	58.97	59.19	57.67	58.31	59.41	58.60	27	27	30	30	27.6	26.8	28.1	30.3	26.6	86	84	71	75	84	87	81.2	1
18..	58.85	59.15	58.91	57.48	57.84	58.97	58.53	26.4	26.4	29.5	30	27.8	27.2	27.9	30.4	25.7	89	88	75	73	82	86	82.2	.....
19..	58.35	58.45	59.45	57.94	57.70	59.29	58.53	26.6	26.7	29.8	30.2	27.9	27	28	30.5	26.5	87	86	73	74	78	84	80.3	2
20..	58.05	58.27	59.35	57.59	58.05	59.45	58.46	26.6	26.5	29	29.6	28	27.2	27.8	30.5	25.6	87	88	72	75	81	83	81	.....
21..	58.72	58.81	59.11	57.20	57.29	58.77	58.32	26.6	26.5	29.5	30.5	28	27.5	28.1	30.7	25.9	86	86	73	72	74	81	78.7	.....
22..	57.74	57.93	57.67	56	55.95	58.04	57.22	26.9	26.6	27.8	30	28	27.2	27.8	30.1	25	83	85	80	75	79	84	81	5.6
23..	56.66	56.77	57.32	55.97	55.85	57.17	56.62	27	26.2	29.5	29.7	28	27	27.9	30.9	26	86	86	78	76	83	84	82.2	18.5
24..	56.30	55.97	56.57	55.37	56.13	57.30	56.27	25.2	26.4	29.5	29.7	28.1	27.7	27.8	30.7	25	92	93	78	77	80	82	83.7	15.2
25..	56.32	56.41	57.29	56.28	56.62	57.72	56.77	25.5	25	25.5	27	26.5	26.5	26	28.1	24.2	91	92	96	83	90	90	90.3	54.3
26..	56.54	57.24	57.47	56.28	57.71	58.30	57.26	27	26	26.2	25	23.6	24	25.3	29.6	22.8	87	88	87	93	95	91	90.2	70.8
27..	57.60	57.69	58.13	56.80	56.70	58.42	57.56	25.2	25.2	27.5	28	27	24.8	26.3	28.5	24.2	88	90	78	77	83	90	84.3	3.8
28..	56.87	56.64	57.79	56.50	57.41	58.76	57.33	25.2	26	25	27.9	27	24.4	25.9	28.3	23.1	90	89	93	82	84	93	88.5	30.5
29..	57.74	58.39	58.37	57.25	57.97	59.47	58.20	25.5	25.5	27.6	29.8	27.6	26.2	27	29.8	24.5	88	88	80	74	80	90	83.3	.....
30..	58.65	58.64	59.40	58	58.61	60.25	58.92	25.5	25.4	28.6	29.5	27.5	26.4	27.2	29.8	25.2	91	93	77	72	81	90	84	.....
31..	59.92	60.18	60.71	59.04	59.28	60.82	59.99	25	24	28.4	29.5	28	26.4	26.9	30.6	23.7	93	95	72	68	77	89	82.3	.....
Mean	57.56	57.68	58.25	56.92	57.30	58.48	57.70	25.8	26	28.3	28.9	27.2	26.3	27.1	29.9	24.4	88.6	88	78	77.2	82.8	86.5	83.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	428.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	SW	SW	SW	SW	SW	22.3	60.2	90.6	55.	228.1	9	Ci.-S.	Cu.-N.	5	Ci.	Cu.
2..	Calm	Calm	SW	SW	SW	SW	15.1	26.2	72.1	21.2	134.6	5	A.-Cu.	Cu.	5	Ci.	Cu.
3..	Calm	Calm	Calm	SW	SW	Calm	20.1	30.6	67.4	31.6	149.7	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
4..	Calm	Calm	SW	SW	SW	SW	12.6	107.2	143.4	71.9	335.1	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. SW
5..	SW	SW	SW	SW	SW	SW	131.4	115.4	130.4	81	458.2	10	Ci.-S.	Cu.-N. sw	10	Ci.-S.	Cu.
6..	Calm	SW	SW	SW	SW	SW	44.6	125.8	149.7	135.4	455	5	9	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N.
7..	SW	SW	SW	SW	SW	SW	126.6	117.8	90.4	92	426.8	10	Ci.-S.	Cu.-N. sw	10	Ci.-S.	Cu.
8..	SW	SW	SW	SW	SW	SW	84.2	108.9	128.7	132.2	454	10	Ci.-S.	Cu.	9	Ci.-S.	Cu. SW
9..	SW	SW	SW	SW	SW	SW	129.5	136.8	128.2	120.9	515.4	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.
10..	SW	SW	SW	SW	SW	SW	136.8	142.2	162.7	141.8	583.5	4	Ci.	Cu. SW	6	Ci.	Cu.
11..	SW	SW	SW	SW	SW	SW	148.9	148.9	145.8	95	538.6	9	Ci.	Cu.-N. sw	7	Ci.	Cu. SW
12..	SW	SW	SW	SW	SW	SW	89.8	114	114.8	87.1	405.7	6	Ci.	Cu.	8	Ci.-S.	Cu.
13..	W	SW	SW	SW	SW	SW	79.5	74.6	101.1	61.5	316.7	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
14..	SW	SW	SW	SW	SW	SW	80.8	129.2	144.3	108.6	462.9	9	Ci.-S.	Cu.	4	Ci.	Cu.
15..	SW	SW	SW	SW	SW	SW	107.8	110	111.5	99	428.3	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
16..	SW	SW	SW	SW	SW	W	64.4	103.5	126	66	359.9	8	Ci.-S.	Cu.-N.	4	Ci.	Cu.
17..	SW	SW	SW	SW	SW	SW	100.3	112.3	123.4	69.7	405.7	8	Ci.-S.	Cu.-N.	7	Ci.	Cu.
18..	SW	SW	SW	SW	SW	SW	47.3	91.1	129.3	81.8	349.5	4	Ci.	Cu.	3	Ci.	Cu.
19..	SW	SW	SW	SW	SW	SW	77.2	100	122.9	83.7	383.8	6	Ci.-S.	Cu.-N.	4	Ci.	Cu.
20..	SW	SW	SW	SW	SW	SW	59	97.6	131	88.5	376.1	6	Ci.	Cu. SW	3	Ci.	Cu.
21..	SW	SW	SW	SW	SW	SW	52.9	111.8	155	95.8	415.5	3	Ci.	Cu.	3	Ci.	Cu.
22..	SW	SW	SW	SW	SW	SW	77.4	97.1	138.7	78.3	391.5	4	Ci.	Cu.	4	Ci.	Cu.
23..	SW	SW	SW	SW	SW	SW	88.5	118.3	146.2	88.2	441.2	5	Ci.	Cu.	4	Ci.	Cu.
24..	SW	SW	SW	SW	SW	SW	75.8	129.7	144.3	101.9	451.7	7	Ci.-S.	Cu.-N.	7	A.-Cu. N	Cu.
25..	W	SW	SW	SW	SW	SW	79.4	64.4	96.9	72.1	312.8	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
26..	SW	SW	SW	SW	Calm	SW	74.6	91.9	65	54.2	285.7	9	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. SW
27..	SW	SW	SW	SW	SW	W	71.4	93.1	100	69.4	333.9	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
28..	W	SW	SW	SW	SW	SW	44.9	97.7	102.4	63.3	308.3	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
29..	SW	SW	SW	SW	S	SW	38.9	87.7	101.2	40.7	268.5	7	Ci.-S.	Cu.	7	Ci.	Cu.
30..	SW	Calm	SW	SW	SW	Calm	24.4	52.6	86.1	20.9	184	6	Ci.	Cu.	6	Ci.	Cu.
31..	Calm	Calm	SW	SW	SW	SW	10.5	40.7	56.6	20.9	128.7	4	Ci.	Cu.	7	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	71.5	98	116.3	78.4	364.2	7.1	.....	.....	6.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,289.9	....	.....	.....	....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.90	59.93	60.50	58.43	59.04	60.32	59.69	25.6	25	30.5	30	27.9	26.2	27.5	32	24.2	93	96	68	67	69	87	80	.....
2	59.14	59.14	60	58.37	58.83	60.05	59.26	24.6	23.5	28.8	30.1	27.8	25	26.7	30.4	23.2	92	96	72	68	81	88	82.8	.....
3	59.22	59.42	60.36	58.63	58.76	60.72	59.52	24.2	23.5	28.8	30.2	27.8	25	26.6	30.6	23	90	93	71	70	79	87	81.7	.....
4	59.93	59.82	60.86	58.75	58.76	60.25	59.73	24	23.5	29	27.4	28.4	26.2	26.4	30.7	23.5	93	96	69	68	75	87	81.3	.....
5	59.22	59.36	59.90	58.19	58.38	59.96	59.17	24.3	22.8	29	30.7	28.2	27	27	30.9	22.5	93	93	74	70	76	80	81	.....
6	59.10	59.07	59.52	57.84	57.71	59.62	58.81	25	23.4	29.5	30.7	28.4	27.8	27.5	31	23.1	90	94	72	69	79	79	80.5	.....
7	58.26	58.17	59.12	58.03	57.83	59.74	58.52	27.2	27	29.4	30.9	28.9	27.2	28.4	31.5	26.7	81	80	72	62	70	75	73.3	.....
8	58.28	58.38	58.90	57.40	58.23	59.58	58.46	25.7	24	28.3	31.5	25	25	26.6	32.1	23.7	85	89	70	64	86	88	80.3	2.3
9	58.57	58.23	58.82	57.57	58.16	58.91	58.38	24	23.2	29	26.7	25	26	25.6	31.4	23.1	93	96	71	69	84	78	81.8	4.6
10	57.84	57.39	58.12	56.86	57.05	58.67	57.66	24.8	26.1	28.4	29.4	26.6	26	26.9	29.5	24.1	88	76	68	75	80	76	77.2	.....
11	57.48	57.14	58.47	57.22	57.77	59.18	57.88	25.6	26	23.2	23.5	25.2	23.5	24.5	26.9	21.5	79	71	95	90	88	94	86.2	99.2
12	57.48	57.49	58.17	56.36	57.56	59.05	57.68	23.6	24.5	26.5	27.0	23.7	25.2	25.1	27.2	22.5	95	92	84	82	95	88	89.3	25.1
13	58.29	57.64	58	57.31	57.46	59.29	58.06	23.5	23.3	29	28.7	27.5	24	26	29.3	23.1	94	96	74	77	81	91	85.5	3.8
14	58.63	59.41	59.34	57.76	58.15	59.81	58.85	23.6	23.9	29	29.8	27.5	26.2	26.7	30.6	23	95	92	71	67	81	86	82	1
15	59	58.83	59.43	57.91	59.17	60.41	59.12	25	24.2	29	28.4	24.5	24.4	25.9	30.1	23.9	92	95	78	76	89	92	87	3.3
16	59.67	59.10	59.51	58.14	58.85	59.90	59.20	23.5	23.5	28	27.5	27.5	25.5	25.9	29.2	23	97	97	77	79	78	91	86.5	.....
17	59.02	59.65	60.12	58.34	57.90	59.14	59.03	25.6	25	28.6	26	26	25.2	26.1	29.2	24.2	92	96	75	88	88	94	88.8	.5
18	57.92	58 02	58.67	56.44	56.90	58.78	57.79	24.5	24.6	27.7	29	27.1	26.4	26.6	30	24.5	96	95	79	71	78	79	83	.....
19	57.58	57.84	58.81	56.94	57.08	59.31	57.93	26.2	26.2	27.5	29	26.5	24.7	26.7	29.6	24.2	85	86	77	76	80	90	82.3	.8
20	58.48	58.09	59.36	57.96	58.29	58.87	58.51	25.5	25.5	28.4	26.7	24.8	25.2	26	29.1	24.5	88	88	76	86	92	90	86.7	2.4
21	58.27	58.32	59.37	57.46	58.17	59.97	58.59	25.6	23.7	29	29.7	26	25	26.5	30.3	23.2	87	97	71	73	92	88	84.7	37.8
22	58.24	58.22	59.01	57.54	58	59.36	58.40	25.4	26	29	30	27.6	26.8	27.5	30.6	25.2	84	79	74	72	79	84	78.7	.5
23	58.14	58.36	59.12	57.71	57.20	58.68	58.20	26.2	26	27.1	28	27	26.5	26.8	30	24.1	85	84	81	79	86	90	84.2	19.6
24	57.40	57.17	57.50	55.92	56.60	58.16	57.12	24.2	23.8	27 6	28.7	27.4	27.2	26.5	30.4	22.7	93	88	80	80	83	83	84.5	7.4
25	57.09	57.03	57.55	56.36	56.86	59.39	57.38	24	25.8	29	28.6	25.2	24.5	26.2	30.4	22.5	91	81	74	80	92	89	84.5	30.7
26	57.90	57.54	58.67	57.20	57.64	58.61	57.93	24.5	26.1	28.2	29.7	24	25	26.2	30.5	22.3	87	79	79	76	95	92	84.7	33.3
27	57.62	57.74	58.35	56.72	57.30	58.46	57.70	24.5	23.6	29.5	28.6	26.2	25.6	26.3	30.4	23.4	94	99	75	78	88	88	87	.....
28	57.54	57.22	58.21	57.03	56.92	59.11	57.67	25.6	26	28.4	25.5	26.3	26.2	26.3	30.1	24.9	88	88	77	96	82	76	84.5	2.5
29	58.19	58.05	59.15	57.82	58.83	60.27	58.72	26	25.2	29.6	28.5	26.4	25.8	26.9	30.3	24.5	82	74	64	78	84	89	78.5	.....
30	59.04	59.13	59.74	58.07	58.54	60.30	59.14	24.8	25.3	28.6	29.5	27.1	26.5	27	30.4	24.5	88	90	77	75	83	82	82.5	.....
31	59.02	58.77	59.19	57.44	58.97	60.08	58.91	25.5	26	28.7	28.9	23.6	24.6	26.2	30.3	22.8	86	84	78	75	93	91	84.5	28.7
Mean	58.43	58.38	59.10	57.54	57.96	59.48	58.48	24.9	24.7	28.5	28.7	26.5	25.7	26.5	30.2	23.6	89.5	89	74.9	75.4	83 4	86.2	83.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	303.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	SW	SW	13.7	26.2	80.5	35.1	155.5	6	Ci.	Cu.	7	Ci.-S.	Cu.
2	SW	Calm	SW	SW	SW	SW	21.9	45.1	91.1	31.9	190	5	Ci.	Cu.	3	Ci.	Cu.
3	Calm	Calm	SW	SW	SW	Calm	13.5	40	96	30.9	180.4	4	Ci.	Cu.	6	Ci.	Cu.
4	Calm	Calm	SW	W	SW	Calm	11.5	52.1	90.1	44	197.7	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
5	Calm	Calm	SW	SW	SW	SW	17.5	47	115.1	71.4	251	3	Ci.	Cu.	3	Ci.	Cu.
6	SW	Calm	SW	SW	SW	SW	16.9	50.2	124.7	105.1	296.9	8	Ci.	Cu.	6	Ci.	Cu.
7	SW	SW	SW	SW	SW	SW	92.5	95	115.1	72.9	375.5	7	Ci.-S.	Cu.	6	Ci.	Cu.
8	SW	Calm	SW	SW	NW	SE	33.6	27.9	76.1	40.4	178	8	Ci.	Cu.	6	Ci.	Cu.
9	Calm	Calm	Calm	W	Calm	E	17.4	26.6	54.2	30.6	128.8	6	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
10	Calm	W	SW	S	SW	SW	27.7	109.4	107.2	106.5	350.8	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
11	SW	SW	W	SW	SW	SW	91.9	93.8	84.5	56.3	326.5	9	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SW
12	W	SW	SW	SW	SW	SW	81.6	84.2	89.9	46.2	301.9	10	Ci.-S.	Cu.-N. sw	9	Ci.-S.	Cu.-N.
13	SW	Calm	SW	SW	SW	Calm	47.2	65.7	80.2	32.8	225.9	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
14	Calm	SW	SW	SW	SW	SW	13.1	51.5	86.4	42.6	193.6	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
15	SW	Calm	Calm	SW	NE	NE	20.4	31.6	71.1	26	149.1	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
16	NE	Calm	E	SW	SW	NW	23.1	28.7	65	33.2	150	7	Ci.-S.	Cu.	6	Ci.	Cu.-N.
17	N	Calm	W	NW	SW	Calm	23.8	29	31.9	15.9	100.6	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
18	Calm	Calm	SW	SW	SW	SW	16.6	67.9	97.4	57.4	239.3	9	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.
19	SW	SW	SW	SW	SW	SW	101.1	122.6	140.3	89	453	7	Ci.-S.	Cu.	7	Ci.	Cu.
20	SW	SW	SW	SW	SW	SW	87.7	87.7	106.5	54.5	336.4	8	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
21	SW	Calm	SW	SW	SW	SW	47.5	77	119.3	89.9	333.7	5	Ci.	Cu.	7	Ci.-S.	Cu.
22	SW	SW	SW	SW	SW	SW	72.1	84	122	90.3	368.4	6	Ci.-S.	Cu.	5	Ci.	Cu.
23	SW	SW	SW	SW	SW	SW	69.7	117.7	98.8	65	351.2	6	Ci.	Cu.	8	Ci.-S.	Cu. SW
24	SW	SW	SW	SW	SW	SW	81.1	100.3	122.6	107.5	411.5	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. SW
25	SW	SW	SW	SW	Calm	SW	103.5	115.3	106	88.8	413.6	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
26	SW	SW	SW	SW	W	W	103.6	80	111.3	47.8	342.7	8	Ci.-S.	Cu.	6	Ci.	Cu.
27	W	Calm	SW	SW	SW	SW	19.8	68.7	122.8	95.3	306.6	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
28	SW	SW	SW	SW	SW	SW	93.9	104.6	106.2	62.3	367	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
29	SW	NW	W	SW	SW	SW	67.1	68.2	133.3	73	341.6	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
30	SW	SW	SW	SW	SW	SW	79.9	89.6	112.1	95.5	377.1	8	Ci.-S.	Cu.	6	Ci.-S.	Cu.
31	SW	SW	SW	SW	SW	SW	79.9	87.1	111.3	50.2	328.5	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	51.3	70.2	99	60.9	281.4	7.1	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,722.8	....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.72	58.95	59.90	58.14	58.60	59.95	59.04	25	25.4	27.5	29	27	26.4	26.7	30	24.7	88	88	81	74	80	87	83	.....
2..	59.48	59.31	60	57.89	58.52	60.08	59.21	26.2	25.1	28.5	29.5	27.1	25.9	27	30.2	24.9	87	87	74	72	80	85	80.8	.....
3..	58.78	58.39	59.35	57	57.13	58.27	58.15	26.2	26.2	29.5	27.5	27.3	27.4	27.4	30.7	25.7	89	90	78	77	85	83	83.7	.....
4..	57.32	56.68	57.79	55.81	55.74	57.12	56.74	27.2	27.5	29.7	29.4	27.9	27.9	28.3	30.7	25.5	80	82	73	76	85	82	79.7	35.3
5..	55.46	55.42	56.55	54.54	55.05	57.01	55.67	27.8	26.5	29	29.5	28	24	27.5	30.6	22.8	82	88	76	81	85	95	84.5	33.8
6..	55.88	55.95	57.19	55.98	56.23	57.62	56.48	26.8	27.1	27	26.4	27	27.2	26.9	28.8	23.5	86	83	85	92	80	81	84.5	10.4
7..	56.89	56.92	57.47	56.16	56.57	57.85	56.98	26.8	26.7	29.5	29.4	28	27.5	28	30.2	26.2	87	86	75	78	83	84	82.2	.....
8..	56.86	57.05	57.39	56.49	56.66	57.76	57.04	26.5	27	29.6	27.5	26.8	27.2	27.4	30.7	25.8	80	80	72	81	78	80	78.5	.....
9..	57.42	57.57	58.22	56.80	58.31	59.18	57.92	27.2	27	28.7	25.9	24	26.7	26.6	30	23.4	83	87	84	88	93	83	86.3	18
10..	58.22	58.37	59.12	57.27	58.32	59.42	58.45	27	26.8	26.8	29	25	26.8	26.9	29.2	24.2	86	89	90	78	96	86	87.5	64.5
11..	58.54	59.05	59.91	58.35	58.71	59.85	59.07	26	24	28	29	26.5	26.5	26.7	30	22.3	90	94	85	78	88	92	87.8	3.8
12..	59.08	59.63	60.27	58.70	58.92	60.54	59.52	26.5	26.2	29.6	30.5	28	27	28	30.5	25.9	88	90	77	72	81	86	82.3	.....
13..	59.60	59.81	60.26	58.53	59.50	60.67	59.73	26.5	26	29.8	30.5	28.4	26.2	27.9	30.6	24.9	88	89	73	72	73	85	80	.....
14..	60.08	60.19	60.94	58.89	59.53	60.72	60.06	24.5	23.2	29.6	30.5	28	27	27.1	30.8	22.2	91	90	77	70	76	81	80.8	.....
15..	60.02	60.15	60.69	58.58	59.60	61.11	60.02	24.6	23.2	29.6	29.9	28	27.6	27.2	30.9	22.9	92	94	70	69	77	79	80.2	.....
16..	59.85	59.67	60.55	57.90	59.10	61.12	59.70	26.8	26	29.8	30.6	28.2	26.6	28	31.5	24.8	83	88	74	69	80	87	80.2	.....
17..	59.96	60.40	61.09	58.05	59.01	60.61	59.85	26.2	24.5	30	30	28	27.2	27.6	30.7	24.4	90	93	68	73	81	83	81.3	.....
18..	59.44	60.52	61.01	58.71	59.81	61.20	60.12	26.2	23.7	29.5	29	28	26.6	27.2	31	23.6	85	96	68	74	79	87	81.5	.....
19..	60.52	60.62	61.25	58.89	59.65	60.71	60.27	25.2	24	30	30.5	28.1	25	27.1	31.1	24	88	96	71	71	82	93	83.5	.....
20..	59.67	59.26	59.97	56.96	57.15	58.78	58.63	24	23.8	27.8	29	28.7	25	26.4	30.6	23.2	98	99	81	68	80	93	86.5	3.8
21..	57.87	58.05	58.51	56.50	56.87	58.71	57.75	24.6	24	29	29.6	27	25.5	26.6	30	23.6	95	95	71	74	75	88	83	.....
22..	57.87	57.80	58.70	57.10	57.40	59.17	58.01	25.4	24	29.8	29	27	26.2	26.9	31	23.7	92	96	69	74	81	85	82.8	.....
23..	58.38	58.06	58.74	57.42	58.04	59.56	58.37	26	26.1	29.4	29	27.2	26	27.3	30.4	25.5	87	87	70	76	79	84	80.5	7.6
24..	58.98	59.01	60.11	58.44	58.94	60.19	59.28	25	25.8	29.5	30	27.8	26.5	27.4	30.7	24	93	90	75	73	79	88	83	.....
25..	59.92	60.10	61.05	58.69	59.35	60.92	60	24.5	24	30.6	30.2	26.7	25.6	26.9	31.8	23.7	91	91	65	68	83	90	81.3	.....
26..	59.75	60.47	61.25	58.57	58.47	60.30	59.80	24.6	24.5	28.5	30.3	28.8	26.2	27.2	31	24	93	92	78	68	78	85	82.3	3.3
27..	59.24	60.06	60	57.71	58.54	60.35	59.32	25.4	25	29	31	27.8	26.2	27.4	31.5	24.3	87	92	78	69	80	90	82.7	.....
28..	59.18	58.90	59.39	56.81	57.45	58.46	58.36	25.2	25.1	29	30.9	27.4	26	27.3	30.9	24.6	92	95	74	66	83	90	83.3	.....
29..	57.57	57.02	57.72	55.66	56.32	57.47	56.96	24.8	24.5	28.8	27	26	26.2	26.2	31	23.9	93	93	75	78	84	83	84.3	3.3
30..	56.74	57.10	57.57	55.56	56.18	57.83	56.83	25.4	25.5	27.8	30	27.2	27.4	27.2	30.1	23.8	85	85	80	71	81	81	80.5	21.6
Mean	58.58	58.68	59.40	57.40	57.99	59.42	58.58	25.8	25.3	29	29.3	27.4	26.4	27.2	30.6	24.2	88.3	90.2	75.6	74.3	81.5	85.9	82.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	205.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower..
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	SW	SW	47.8	87.7	112	53.3	300.8	6	Ci.	Cu.	5	Ci.	Cu.
2..	SW	SW	SW	SW	SW	SW	71.4	115.9	119.9	60.9	368.1	7	Ci.	Cu.	5	Ci.	Cu.
3..	SW	SW	SW	SW	SW	SW	58.2	87.4	117	94.8	357.4	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
4..	SW	SW	SW	SW	SW	SW	106.7	144.6	146.2	130.6	528.1	6	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SW
5..	SW	SW	SW	SW	SW	SW	146.7	161.1	168.7	165.2	641.7	10	Ci.-S.	Cu.-N. sw	7	Ci.-S.	Cu. SW
6..	SW	SW	SW	SW	SW	SW	118.1	142.1	125.3	96.8	482.3	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
7..	SW	SW	SW	SW	SW	SW	88.7	110.4	123.4	86.4	408.9	6	Ci.	Cu.	7	Ci.-S.	Cu.
8..	SW	SW	SW	SW	SW	SW	78.7	139.4	140.3	101.9	460.3	7	Ci.	Cu.	9	Ci.-S.	Cu.
9..	SW	SW	SW	SW	W	SW	106	108	137	111.3	462.3	7	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
10..	SW	SW	SW	SW	SW	SW	90.4	115.1	129.2	98.8	433.5	9	Ci.-S.	Cu.-N.	7	Ci.	Cu.
11..	SW	W	SW	SW	SW	Calm	99.2	96.6	104.9	43.1	343.8	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.
12..	SW	SW	SW	SW	SW	SW	63	81.5	110.4	71.4	326.3	7	Ci.-S.	Cu.-N.	5	Ci.	Cu.
13..	SW	SW	SW	SW	SW	Calm	42.4	79.1	115.4	18	254.9	6	Ci.	Cu.	4	Ci.	Cu.
14..	Calm	Calm	SW	SW	SW	SW	14.3	87.9	124.9	72.6	299.7	5	Ci.	Cu.	6	Ci.	Cu.
15..	SW	Calm	SW	SW	SW	SW	20.1	54.1	121.2	85.1	280.5	8	Ci.	Cu.	8	Ci.-S.	Cu.
16..	SW	SW	SW	SW	SW	SW	57.3	91.2	119.1	65	332.6	4	Ci.	Cu.	5	Ci.	Cu.
17..	SW	Calm	SW	SW	SW	SW	38.8	64.1	104	72.9	279.8	4	Ci.	Cu.	6	Ci.	Cu.
18..	SW	Calm	SW	SW	SW	SW	34.3	72.6	93	45.6	245.5	4	Ci.	Cu.	6	Ci.	Cu.
19..	SW	Calm	SW	SW	SW	Calm	30.8	63.8	116.1	26	236.7	3	Ci.	Cu.	5	Ci.	Cu.
20..	Calm	W	Calm	SW	SW	Calm	28.5	27.9	40.4	30.6	127.4	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.
21..	NW	Calm	SW	SW	SW	SW	31.7	70	127.4	110	339.1	8	Ci.-S.	Cu.	5	Ci.	Cu.
22..	SW	Calm	SW	SW	SW	SW	40.4	59.8	128.1	105.7	334	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
23..	SW	SW	SW	SW	SW	SW	60.2	92.8	120.1	66	339.1	6	Ci.	Cu.	6	Ci.	Cu.
24..	SW	SW	SW	SW	SW	SW	52.8	72.1	82.9	39.6	247.4	6	Ci.	Cu. SW	6	Ci.	Cu.
25..	SW	W	W	SW	Calm	Calm	31.7	27.1	50.1	14.3	123.2	5	Ci.	Cu.	7	Ci.	Cu.-N.
26..	Calm	W	NW	NW	E	NE	16.4	30.1	59.8	35.2	141.5	8	Ci.-S.	Cu.-N.	5	Ci.	Cu.
27..	N	NE	E	NE	N	N	32.8	62.2	81.6	37.2	213.8	8	Ci.-S.	Cu.	5	Ci.	Cu.
28..	N	N	NE	NE	Calm	Calm	36.2	50.4	57.4	11.5	155.5	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.
29..	S	Calm	N	W	Calm	SW	22.2	37.2	43.7	35.1	138.2	7	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
30..	SW	SW	SW	SW	SW	SW	118	136.5	132	136.3	522.8	9	Ci.-S.	Cu.-N. sw	7	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	59.5	85.6	108.4	70.7	324.2	6.8	.....	.....	6.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,725.2	.....	.....	.....	.....	.....	.....

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.98	56.72	58.44	56.53	56.74	58.24	57.28	24.5	27	26.6	27	26.6	26.6	26.4	27.3	23.2	89	84	86	87	86	86	86.3	12.5
2..	56.37	56.44	57.71	55.50	55.50	57.33	56.48	26.8	27	29	27	25.5	26.4	27	29	24.5	82	80	74	85	91	86	83	18.8
3..	55.79	55.95	57.10	56.12	56.55	57.74	56.54	25.5	24.9	27	23.7	24.5	25.7	25.2	27.7	22.8	91	88	88	98	92	89	91	41.2
4..	57.09	57.90	59.64	57.81	58.61	60.13	58.53	26	23.4	27	29.9	27	26	26.6	29.9	23	92	100	81	70	83	90	86	16.5
5..	59.17	60.11	61.09	59.17	59.57	60.79	59.98	25.8	25.6	29.5	29.2	27.2	25.8	27.2	29.5	25.4	92	91	71	81	87	93	85.8	.....
6..	60.15	60.81	61.10	58.65	58.70	60.30	59.95	24.4	23.5	30.5	29.5	28.2	26.4	27.1	30.5	23.3	95	97	72	77	83	92	86	.....
7..	58.77	58.83	59.45	57.60	58.14	59.76	58.76	25	24	29.5	30	27.7	25.8	27	31	23.8	96	96	72	78	82	85	84.8	.....
8..	58.52	59.36	60.01	57.43	59.01	59.82	59.02	25.2	24.5	29.5	31.7	26.5	25.4	27.1	32	24.2	90	96	71	71	87	90	84.2	.8
9..	59.19	59.23	60.26	58.06	58.65	59.91	59.22	24.6	24.5	30.5	27.2	26.5	25.4	26.4	31.9	23.9	92	91	72	84	86	88	85.5	.....
10..	58.74	58.78	60.20	57.97	58.43	59.62	58.96	24.5	24.5	27.5	29	24	24	25.6	29.2	23.5	96	94	84	74	93	95	89.3	8.4
11..	58.62	59.23	59.92	57.75	58.74	59.72	59	24	24	26.8	27.5	24.5	24	25.1	28.6	23.2	93	91	78	78	95	95	88.3	4.1
12..	58.63	58.71	59.82	57.64	58.61	59.97	58.90	23.2	22.9	29.5	29.9	24.8	24.6	25.8	30.2	22.7	98	97	75	75	92	93	88.3	13.7
13..	58.72	58.77	59.43	57.25	57.97	59.24	58.56	23.6	24	28.5	28.6	25.6	25	25.9	30.5	23.1	95	91	70	68	85	92	83.5	1
14..	58.10	58.27	58.87	56.09	56.71	57.16	57.53	24.6	24.7	27.4	29.5	25.5	26.5	26.4	29.7	24.2	90	89	78	72	88	83	83.3	.5
15..	56.16	56.73	56.32	54.60	54.86	55.87	55.76	26.6	27	29.9	29.7	28	27.4	28.1	30.7	25.6	83	82	71	75	74	81	77.7	.3
16..	54.44	54.75	56.68	55.35	56.64	57.57	55.90	27.5	27	25.2	24.2	23	26.2	25.5	28.5	22.5	79	86	98	97	98	92	91.7	69.8
17..	56.84	57.72	58.12	55.82	57.25	58.99	57.46	25.6	23.5	26.5	28	26.7	26	26	30	22.5	93	99	88	80	82	85	87.8	1
18..	57.84	57.61	58.61	56.52	57.29	58.78	57.78	26	26	28.8	29.5	27.7	27.2	27.5	30.2	25.5	87	85	79	79	83	83	82.7	1
19..	57.62	57.82	59.52	57.02	57.52	58.99	58.08	26.8	27.5	24.5	27.1	26	25.2	26.2	28.6	23.3	86	81	96	92	94	98	91.2	63.8
20..	57.85	57.90	58.86	56.67	57.62	58.98	57.98	24.4	25.5	29	30	25.8	25	26.6	30.5	23.4	95	92	74	75	93	98	87.8	.8
21..	57.50	57.32	58.87	56.16	56.33	57.27	57.24	24.4	24	25.3	28	27.2	27	26	28.5	23.5	98	97	93	77	87	83	89.2	14.7
22..	56.52	57.61	58.38	56.26	56.92	58.62	57.38	24.6	24.7	27.5	29	27	26.2	26.5	29.3	23.8	97	95	84	79	86	90	88.5	5.6
23..	58.12	59.06	60.11	58.17	58.71	60.27	59.07	26.4	26	27.4	29.8	27.4	26	27.2	30	24.7	89	92	85	76	85	94	86.8	3.8
24..	58.94	59.47	60.51	57.91	58.60	59.93	59.23	24.8	23.9	29.7	29.5	27.9	26	27	30.2	23.4	97	97	73	78	85	89	86.5	.....
25..	58.84	59.38	60.07	57.46	58.50	60.41	59.11	25	24.4	30.6	30.5	27.4	25.6	27.2	31.8	24.1	92	94	68	72	83	90	83.2	.....
26..	59.24	59.66	60.67	58.63	59.44	60.30	59.66	25	24.6	29.2	31.2	27.6	26.4	27.3	31.5	24	92	90	76	67	84	87	82.7	2.5
27..	59.96	60.77	61.12	59.03	59.92	61.57	60.40	25.6	25.3	30	30.8	28	26	27.6	31	24.7	90	89	66	64	77	90	79.3	2.5
28..	60.22	60.73	61.22	58.85	59.59	61.03	60.27	25	24.5	29.5	30.5	28.4	25.7	27.3	30.5	24.1	95	96	68	66	75	88	81.3	16.8
29..	59.70	59.92	59.75	57.11	58.12	59.58	59.30	25.2	24.9	28.7	29.6	27	26	26.9	30.3	24.4	92	92	74	70	80	89	82.8	15.2
30..	58.30	58.82	59.51	57.36	57.77	59.49	58.54	25.4	25	28.5	30	28.2	26	27.2	30.1	24.2	93	96	83	72	79	87	85	2.5
31..	58.44	58.95	60.24	57.81	58.95	60.27	59.11	25.2	25.4	29	30.9	28	25.8	27.4	31.2	24.5	93	93	78	64	79	90 ·	82.8	.....
Mean	58.11	58.49	59.41	57.24	57.93	59.28	58.41	25.2	25	28.3	29	26.6	25.8	26.7	30	23.8	91.7	91.6	78.3	76.8	85.6	89.4	85.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	317.8

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.		
													Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1..	SW	SW	SW	SW	SW	SW	128.7	136.3	147.5	150	562.5	9	Ci.-S.	cu.-N. sw	9	Ci.-S.	Cu.-N.	SW
2..	SW	SW	SW	SW	SW	SW	139.8	145.3	143.7	129.2	558	10	Ci.-S.	cu.-N. sw	10	Ci.-S.	Cu.-N.	SW
3..	SW	SW	SW	SW	SW	SW	150.5	130.7	142.7	109.9	533.8	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.	SW
4..	SW	SW	SW	SW	SW	SW	122.5	110.2	118.8	54.2	405.7	10	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.	
5..	SW	SW	SW	SW	SW	Calm	34	54.9	78.4	25.1	192.4	9	Ci.-S.	cu.-N. sw	6	Ci.-S.	Cu.	
6..	Calm	Calm	Calm	SW	SW	SW	10.3	26.9	79.1	25.5	141.8	4	Ci.	Cu.	4	Ci.	Cu.-N.	
7..	Calm	Calm	Calm	SW	W	W	10.8	27.1	66.8	34.9	139.6	3	Ci.	Cu.	4	Ci.	Cu.	
8..	W	Calm	Calm	SW	W	W	17.7	24.6	60.2	28.4	130.9	3	Ci.	Cu.	4	Ci.	Cu.	
9..	Calm	Calm	Calm	NW	Calm	Calm	15.6	28.7	31.4	15	90.7	3	Ci.	Cu.	8	Ci.-S.	Cu.	
10..	Calm	Calm	NE	NE	Calm	Calm	15.6	32.5	42.4	19.9	110.4	6	Ci.	Cu.	8	Ci.-S.	Cu.-N.	
11..	NW	NW	NW	W	Calm	Calm	20.1	51.3	40.7	14.5	126.6	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.	
12..	Calm	Calm	W	SW	Calm	Calm	13.5	27.9	57.1	26.6	125.1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.	
13..	Calm	N	N	W	Calm	Calm	32.2	46.7	59.5	33.8	172.2	10	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.	
14..	W	Calm	W	SW	W	SW	21.9	60.7	116.5	85.1	284.2	7	Ci.-S.	Cu.	7	Ci.	Cu.	
15..	SW	SW	SW	W	SW	SW	92.2	110.8	97.1	120.4	420.5	9	Ci.-S.	Cu.	7	Ci.-S.	Cu.	
16..	SW	SW	SW	SW	W	S	127.1	133	157.4	93.3	510.8	9	Ci.-S.	cu.-N. sw	10	Ci.-S.	Cu.-N.	
17..	S	Calm	SW	SW	SW	S	61.5	49.1	128.9	63.6	303.1	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.	
18..	S	S	S	SW	SW	S	71.9	100.8	133.1	77	382.8	5	Ci.	Cu.	7	Ci.-S.	Cu.	
19..	S	SW	SW	SW	S	Calm	70.8	77	83.1	48.8	279.7	8	Ci.-S.	cu.-N. sw	9	Ci.-S.	Cu.-N.	
20..	SW	S	SW	SW	Calm	E	75	91.7	77.2	23.9	267.8	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.	
21..	Calm	Calm	W	SW	S	SW	17.2	36	54.4	114.8	222.4	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.	
22..	SW	SW	SW	SW	S	S	120.2	104.9	123.7	58.7	407.5	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.	
23..	S	S	SW	SW	SW	SW	51.5	60.7	79.1	33.3	224.6	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.	
24..	Calm	Calm	SW	SW	Calm	SW	14	33.2	63.1	34.8	145.1	4	Ci.	Cu.	3	Ci.	Cu.	
25..	Calm	Calm	SW	SW	W	W	14.2	25.9	57.6	40.2	137.9	3	Ci.	Cu.	7	Ci.	Cu.-N.	
26..	W	NW	NNE	NE	N	N	42.1	71.9	104.8	99.3	318.1	2	Ci.	Cu.	3	Ci.	Cu.	
27..	N	N	NE	NE	NE	N	96.8	150.3	166.7	93.9	507.7	2	Ci.	Cu.	3	Ci.	Cu.	
28..	N	N	NE	NE	NE	N	97.2	144.8	154.2	92.7	488.9	9	Ci.-S.	Cu.-N. NE	3	Ci.	Cu.	
29..	N	N	NE	NE	NE	N	93.1	127.6	130.6	69.4	420.7	8	Ci.-S.	Cu.-N. NE	7	Ci.-S.	Cu.-N.	NE
30..	N	N	NE	NE	NE	N	70.6	107.6	117.5	80	375.7	10	Ci.-S.	Cu.-N.	6	Ci.	Cu.	
31..	N	N	NE	NE	NE	N	73	109.7	139.5	75.4	397.6	6	Ci.	Cu.	7	Ci.	Cu.	
Mean	.....	.....	.....	.....	.....	.....	62	78.7	98.5	63.6	302.7	6.7	.....	.....	7	.....	.....	
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,384.8	.....	.....	.....	.....	.....	.....	

ILOILO.

[ϕ=10° 42′ N; λ=122° 34′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.19	59.45	59.99	57.67	58.25	59.33	58.98	25.2	25.1	30	29.5	27.2	25.2	27	30.7	24.7	92	92	62	64	78	87	79.2	.....
2..	58.59	58.92	59.39	56.89	58	59.26	58.51	25	24.5	29.7	30.6	27.6	26	27.2	30.8	23.6	90	92	65	60	76	84	77.8	7.1
3..	58.80	59.12	59.87	57.64	58.26	59.18	58.81	25	24.4	28.2	30	27.8	25.6	26.8	30.2	24	88	88	76	59	73	87	78.5	.5
4..	58.27	58.42	59.80	57.76	58.37	59.14	58.63	25	24.5	28.5	29	26.4	24.8	26.4	29.2	24.2	88	91	70	71	82	87	81.5	.5
5..	58.54	58.82	59.79	57.56	58.16	59.95	58.80	25	25	30	31	28.6	26	27.6	31.6	24.6	88	92	68	62	73	88	78.5	1
6..	58.90	59.17	59.99	57.47	58.44	60.06	59	25.3	24.6	30	30.6	28.2	26	27.4	31	24	91	95	65	58	73	89	78.5	4.6
7..	59.49	59.52	59.97	57.91	58.27	59.72	59.15	25	24.8	29.9	30.9	28	26	27.4	31	24.2	92	93	69	61	77	87	79.8	.....
8..	59.08	59.33	60.27	58.65	59.05	60.01	59.40	25.6	25.4	30.2	29.7	28.2	26.2	27.6	31.5	24.9	89	88	64	66	76	84	77.8	1.5
9..	59.57	59.88	60.50	58.41	59.30	60.22	59.65	25.5	25	29.5	29.4	27	25.4	27	31	24.6	89	92	68	73	83	88	82.2	.8
10..	59.67	59.82	60.70	58.34	59.42	60.76	59.78	24.4	24.5	29.5	29.5	25.8	24.8	26.4	31	23.9	91	92	71	71	85	92	83.7	23.6
11..	59.75	60.18	60.91	58.45	59.70	60.75	59.96	24.5	23.5	28	29.1	25.5	25	25.9	30.3	23	92	97	74	70	88	91	85.3	27.9
12..	59.39	59.63	60.17	57.68	59.09	60.37	59.39	23	23.7	28.1	29.8	25.5	24.8	25.8	30.5	23	96	94	77	66	89	92	85.7	13.5
13..	59.23	60.09	61.10	58.75	59.27	60.76	59.87	24.6	24.4	28.6	29.5	27.7	25	26.6	30.2	23.8	93	95	72	66	76	92	82.3	.3
14..	59.63	59.83	60.80	58.66	59.51	61.12	59.92	24.6	24.7	29.2	30.4	26.8	25.2	26.8	30.9	24	91	92	68	56	74	85	77.7	.....
15..	59.91	60.22	61.01	57.99	59.37	60.55	59.84	24.2	24.1	29	30.5	26	24.4	26.4	31	23.7	90	91	68	58	81	90	79.7	11.4
16..	59.09	59.43	60 62	58.11	58.72	60.41	59.40	24	23.6	27.1	29.5	26.5	24	25.8	30.3	23.3	90	91	80	64	79	93	82.8	9.9
17..	59.09	59.19	59.91	57.76	58.62	60.05	59.10	23.2	24.2	29.2	30.4	27	24.8	26.5	30.9	22.5	97	94	71	54	77	85	79.7	.....
18..	59.06	59.68	61.11	58.83	59.45	60.23	59.73	24	24	26	26.7	25.7	24.2	25.1	27.2	23.3	88	89	80	80	83	91	85.2	1
19..	59.61	59.64	60.40	58.41	59.22	60.41	59.62	23.2	23.1	28.5	28.8	26	24.6	25.7	29.5	22.8	91	88	70	75	84	88	82.7	.....
20..	59.74	60.37	61.20	58.76	59.18	60.46	59.95	24.5	23.9	29	29.9	27.2	25	26.6	30.4	23.6	89	91	69	62	74	88	78.8	.....
21..	59.46	59.71	60.57	58.40	58.98	60.08	59.53	24.6	24	28.9	30	27.4	25.2	26.7	30.6	23.8	90	91	68	65	78	88	80	.....
22..	58.93	59.66	60.45	57.94	58.86	60.27	59.35	24.2	23.9	29.5	30.8	27.6	25.5	26.9	30.9	23.7	90	90	68	67	84	91	81.7	.....
23..	59.44	59.98	60.32	57.86	59.02	60.47	59.52	24.5	24	29.5	30.4	27.7	25.2	26.9	31.1	23.7	94	92	72	70	81	90	83 2	.....
24..	59.67	59.96	60.22	58.22	59.28	60.33	59.61	24.4	24	29.5	30.1	27	25	26.7	30.4	23.5	91	91	73	68	81	88	82	.....
25..	59.67	59.88	60.30	58.47	58.81	60.21	59.56	24.8	24.8	27.7	29.8	27	25.2	26.6	30.2	24.2	89	89	78	67	83	88	82.3	.....
26..	58.93	59.53	60.37	57.97	58.83	60.33	59.33	24.2	24	27	30.7	27.6	25.2	26.4	31.1	23.7	90	93	84	61	76	88	82	.....
27..	59.13	60.23	60.98	58.05	59.07	59.85	59.55	24.2	24	27.1	30.1	27.8	25.6	26.5	30.7	23.4	91	92	83	70	80	88	84	.....
28..	59.17	59.60	60.07	57.89	58.62	59.54	59.15	24.5	24.5	29.5	30.3	27.6	25.5	27	30.9	24.2	92	93	71	64	79	89	81.3	5.6
29..	58.62	59.60	60.40	58.14	58.93	60.13	59.30	25.2	24.8	27	30.2	27.8	25.6	26.8	30.9	24.3	92	94	88	64	79	88	84.2	.5
30..	59.57	59.46	60.05	58.05	59.31	60.58	59.50	24.4	24.2	28.9	29	25.8	25	26.2	30.3	23.7	93	91	71	74	87	92	84.7	.....
Mean	59.24	59.61	60.37	58.09	58.91	60.15	59.40	24.5	24.3	28.8	29.9	27.1	25.2	26.6	30.5	23.8	90.9	91.8	72.1	65.5	79.6	88.6	81.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	109.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	N	96.8	137.9	149.2	88	471.9	6	Ci.	Cu.	6	Ci.	Cu.
2..	N	N	NE	NE	N	N	93.6	144.5	154	107	499.1	2	Ci.	Cu.	3	Ci.	Cu.
3..	N	N	NE	NE	NE	NE	85.3	152.9	161.1	94.3	493.6	3	Ci.	Cu.	3	Ci.	Cu.
4..	N	N	NE	NE	NE	N	110.5	156.9	121	95.3	483.7	7	Ci.	Cu.	8	Ci.-S.	Cu.
5..	N	N	NE	NE	NE	N	91.9	128.9	127.6	83.1	431.5	7	Ci.	Cu.	2	Ci.	Cu.
6..	N	N	NE	NE	NE	N	105.2	156.7	178.8	84.3	525	3	Ci.	Cu.	2	Ci.	Cu.
7..	NE	N	NE	NE	NE	N	84	131.2	146.1	93.1	454.4	5	Ci.	Cu.	4	Ci.	Cu.
8..	N	N	NE	NE	NE	N	95.6	148.6	139.4	94.1	477.7	7	Ci.	Cu.	8	Ci.-S.	Cu.
9..	N	N	NE	NE	NE	N	92.5	114.9	139.4	95.2	442	5	Ci.	Cu.	8	Ci.-S.	Cu.
10..	N	N	NE	NE	NE	NE	92.8	141	149.2	84.7	467.7	7	Ci.	Cu. NE	3	Ci.	Cu.
11..	NE	NE	NE	NE	NE	NE	90.1	151	159.6	107.6	508.3	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
12..	N	N	NE	NE	NE	N	115.4	139.2	153.2	100.1	507.9	9	Ci.-S.	Cu.-N.	6	Ci.	Cu.
13..	N	N	NE	NE	NE	NE	91.7	124.9	138.7	82.4	437.7	7	Ci.-S.	Cu.-N.	6	Ci.	Cu.
14..	N	N	NE	NE	NE	NE	95.2	144.8	139.2	109.7	488.9	4	Ci.	Cu.	2	Ci.	Cu.
15..	NE	N	NE	NE	N	NE	117	132.6	150.5	94.4	494 5	2	Ci.	Cu.	3	Ci.	Cu.
16..	N	N	NE	NE	NE	NE	115.6	149.9	146.7	106.4	518.6	1	Ci.	Cu.	3	Ci.	Cu.
17..	NE	NE	NE	NE	N	N	89.5	135.5	130.4	87.2	442.6	5	Ci.	Cu. NE	2	.....	Cu.
18..	N	N	NE	NE	NE	NE	97.6	167.9	105.1	86.1	456.7	5	Ci.	Cu.	8	Ci.-S.	Cu.
19..	N	N	NE	NE	NE	NE	125	137.9	142.9	89.3	495.1	2	Ci.	Cu.	5	Ci.	Cu.
20..	NE	NE	NE	NE	NE	NE	89.5	129	136.5	97.9	452.9	1	Ci.	Cu.	2	Ci.	Cu.
21..	NE	NE	NE	NE	NE	NE	111	156.1	125.7	87.9	480.7	3	Ci.	Cu.	7	Ci.	Cu.
22..	NE	NE	NE	NE	NE	NE	75.4	86.6	71.9	61.8	295.7	1	Ci.	Cu.	6	Ci.	Cu.
23..	NE	NE	NE	NE	NE	NE	59.3	88.2	93.9	73.2	314.6	5	Ci.	Cu.	6	Ci.	Cu.
24..	NE	NE	NE	NE	NE	NE	63.3	102	119.3	75.1	359.7	3	Ci.	Cu.	5	Ci.	Cu.
25..	NE	N	N	NE	NE	NE	96.4	104.3	88.5	58.9	348.1	8	Ci.-S.	Cu.	6	Ci.	Cu.
26..	NE	NE	NE	E	E	E	68.2	48.8	81	63.4	261.4	3	Ci.	Cu.	5	Ci.	Cu.
27..	E	E	NE	NE	NE	NE	63.1	82.6	97.6	78.4	321.7	2	Ci.	Cu.	3	Ci.	Cu.
28..	NE	NE	NE	NE	NE	N	82.9	130	146.1	93.9	452.9	6	Ci.	Cu.	6	Ci.	Cu.
29..	N	N	N	NE	NE	NE	96.8	109.9	134.9	102.5	444.1	5	Ci.	Cu.	3	Ci.	Cu.
30..	NE	NE	NE	NE	N	N	84.7	125.8	120.4	120.4	451.3	3	Ci.	Cu.	6	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	92.5	128.7	131.6	89.9	442.7	4.5	.....	.....	4.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,280	.....	.....	.....	.....	.....	.....

ILOILO.

[$\phi = 10°\ 42'$ N; $\lambda = 122°\ 34'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.84 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.53	59.74	60.32	58.20	58.56	60.11	59.41	24.2	24	28.4	30	26.6	25.3	26.4	30.3	23.5	91	91	75	65	83	89	82.3	.....
2..	59.47	59.49	60.30	57.90	58.58	59.75	59.25	24.4	24.4	28.7	29.7	26.8	25.2	26.5	30.5	23.8	91	88	73	63	78	85	79.7	.....
3..	59.42	59.49	60.31	57.80	58.39	59.75	59.19	24.5	24.2	29.1	29.3	26.6	25.5	26.5	30.2	23.9	92	90	67	69	83	86	81.2	6.4
4..	58.83	58.50	59.78	58.39	59.04	59.81	59.06	24.5	23.8	26	27	25.6	25	25.3	28.4	22.8	89	91	76	75	85	90	84.3	.....
5..	58.63	58.96	60.03	59.45	59.71	60.92	59.62	24.8	24.9	25.6	24.2	24.4	25	24.8	28.1	24	93	94	95	96	90	85	92.2	31.4
6..	59.85	60.29	61.28	59.31	60.08	61.16	60.33	24	24.4	28	29.5	26.2	24.4	26.1	30	23.5	89	86	68	58	76	87	77.3	.....
7..	60.67	60.62	61.20	58.76	59.77	60.63	60.28	23.2	23.5	27.7	29.5	26	24	25.6	30.2	22.9	91	89	72	56	72	83	77.2	.....
8..	60.39	60.83	61.75	59.90	60.71	61.46	60.84	23.4	22.3	28.5	28.7	25.2	23.6	25.3	29.4	22.1	84	85	60	56	74	82	73.5	.....
9..	60.33	60.41	61.09	58.65	59.45	60.07	60	23	21.9	26	28	25.4	24.2	24.8	28.8	21.7	83	88	76	60	76	82	77.5	.....
10..	59.45	59.59	60.61	58.22	58.94	59.70	59.42	24	23.4	28.5	29.6	26.6	25..	26.2	30.3	23	83	87	59	58	74	82	73.8	.....
11..	58.89	59.56	59.93	57.62	58.92	59.55	59.08	24	23	26.6	27.5	26.4	25	25.4	28.4	22.8	86	91	80	75	81	90	83.8	.3
12..	57.96	58.90	59.59	57.51	58.67	58.99	58.60	24.8	24.5	27	27.7	25.4	24.2	25.6	28.3	24	90	92	80	80	90	97	88.2	.8
13..	58.01	58.11	59.03	57.87	56.60	59.41	58.50	24	24.5	28	25	25	24.5	25.2	28.9	23.8	94	92	77	93	93	94	90.5	1.3
14..	58.79	58.99	59.65	57.62	58.54	59.50	58.85	24	24.3	28.6	29.9	26.5	25.5	26.5	30.2	23.7	96	93	74	69	88	89	84.8	.....
15..	59.15	59.70	60.50	58.87	59.72	60.60	59.76	25.2	24.8	28.6	29.6	26.8	25.2	26.7	30.5	24.5	90	90	70	62	78	83	78.8	.....
16..	59.74	59.91	60.82	59.06	59.90	61.16	60.10	24.1	23.4	29.2	29.7	27.5	25	26.5	30.1	22.8	89	91	61	57	70	85	75.5	.5
17..	60.58	60.50	61.31	59.16	59.41	60.65	60.27	24.8	24.5	26	28.1	26	25	25.7	28.8	22.3	88	92	89	77	88	90	87.3	27.9
18..	60.31	60.83	60.62	59.27	60.10	61.36	60.58	24.5	24.4	28.2	28.5	26	23.8	25.9	29.4	22.5	87	89	69	64	80	86	79.2	.....
19..	60.62	60.97	61.90	60.12	60.91	61.98	61.08	23.5	23.7	26.5	27	25.5	24	25	27.7	22.5	87	89	73	73	80	90	82	16.8
20..	61.29	61.17	60.78	58.62	60.10	60.74	60.45	22.8	23	26	27.7	25.6	24.5	24.9	28.4	22	95	91	84	76	82	89	86.2	.3
21..	60.17	60.22	60.55	58.42	59.04	59.83	59.70	23.9	23.7	27.	28.5	25.5	23.8	25.4	29.3	23.5	94	96	77	68	80	88	83.8	.....
22..	59.35	59.39	60.55	58.42	58.62	59.14	59.24	23.2	23	27	28.5	26.5	22.6	25.1	29.8	22	93	92	73	63	69	88	79.7	.....
23..	58.85	59.20	60.25	58.03	59.07	59.68	59.18	22	22.5	29	29.5	26.5	24	25.6	30.3	21	91	91	61	55	76	82	76	.....
24..	58.93	59.05	59.81	57.38	57.56	58.37	58.52	22.6	23.5	27.5	28.5	27	24.8	25.6	30.7	22	90	87	70	73	78	87	80.8	.....
25..	57.37	56.95	56.83	53.62	53.29	54.31	55.40	25	25.5	26.8	26.3	25	24.8	25.6	28.2	23.5	85	80	72	79	88	89	82.2	25.7
26..	54.64	56.46	58.24	57.04	57.43	58.79	57.10	25.2	23.9	24.9	26.6	25	23.5	24.8	27.2	21.9	77	87	91	77	77	90	83.2	20.8
27..	58.39	59.21	59.95	58.11	59.11	60.57	59.22	21.2	20.6	28	28.7	25.6	23.8	24.6	30.8	20.6	98	98	66	64	82	93	83.5	.....
28..	59.84	60.21	61.30	58.37	58.86	60.45	59.84	22.5	22.5	27.5	30	27	25.2	25.8	30.5	22.1	96	97	76	69	77	86	83.5	16
29..	60.01	60.08	60.97	58.40	59.39	60.77	59.94	24.2	23.5	27.4	29.6	26.5	24.5	26	30.2	23.2	94	99	81	72	84	87	86.2	.....
30..	60.33	60.49	61.07	59.01	59.55	61.07	60.25	23.2	23.3	28.5	29	26.5	24.2	25.8	29.8	22.7	91	90	70	62	76	87	79.3	.....
31..	60.81	61.09	62.00	59.41	59.96	61.15	60.74	23.8	23	27.7	29	26.5	24.2	25.7	29.3	22.7	88	91	64	49	66	86	74	.....
Mean	59.37	59.64	60.43	58.34	59.03	60.05	59.48	23.8	23.6	27.5	28.4	26.1	24.5	25.6	29.5	22.8	89.8	90.5	73.5	68.2	79.8	87.3	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	148.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NE	NE	NE	NE	121.3	146.9	164.6	103	535.8	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.
2..	NE	N	NE	NE	NE	N	116.4	141.4	165.4	108.3	531.5	5	Ci.	Cu.	5	Ci.	Cu.
3..	N	N	NE	NE	N	N	105.1	131.2	134.4	107.2	477.9	4	Ci.	Cu.	6	Ci.-S.	Cu.
4..	NE	N	NE	N	N	N	129.5	148.9	134.2	87.2	499.8	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
5..	N	N	NE	NE	N	N	91.1	122.9	122	124.1	460.1	4	Ci.	Cu.	10	Ci.-S.	Cu.-N.
6..	N	N	NE	NE	NE	N	128.4	155.6	161.9	118	563.9	8	Ci.-S.	Cu.	5	Ci.	Cu.
7..	N	N	NE	NE	NE	NE	114.1	190.1	189.4	95.6	589.2	7	Ci.-S.	Cu.	3	Ci.	Cu.
8..	N	N	NE	NE	NE	NE	136.5	159.6	135.4	83.1	514.6	2	Ci.	Cu.	5	Ci.	Cu.
9..	NE	NE	N	NE	N	NE	84.2	122.1	132.8	101.1	440.2	4	Ci.	Cu.	9	Ci.-S.	Cu. NE
10..	N	N	NE	NE	NE	N	114.3	170.6	145.4	121.5	551.8	3	Ci.	Cu.	8	Ci.-S.	Cu.
11..	N	N	N	N	N	N	121.3	131.4	129.3	85.3	467.3	5	Ci.	Cu.	7	Ci.-S.	Cu.
12..	N	N	N	NE	N	N	108.4	125.5	100.4	102.8	437.1	6	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
13..	N	N	N	NE	NE	NE	94.1	134.4	82.1	84.3	394.9	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N.
14..	N	NE	NE	NE	NE	NE	98.8	151.3	146.7	93.5	490.3	4	Ci.	Cu.	5	Ci.	Cu.
15..	NE	NE	NE	NE	NE	NE	95	117	137.4	81.6	431	9	Ci.-S.	Cu. NE	5	Ci.	Cu.
16..	N	N	NE	NE	NE	NE	104.9	137.1	152.9	89.3	484.2	3	Ci.	Cu.	3	Ci.	Cu.
17..	NE	NE	N	N	NE	NE	86.4	104	99.6	81.3	371.3	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
18..	NE	NE	NE	NE	NE	NE	83.1	127.6	150.2	84.5	445.4	6	Ci.-S.	Cu.	4	Ci.	Cu.
19..	NE	N	N	N	N	N	108.1	124.9	123.6	92.5	449.1	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.
20..	NE	NE	N	N	NE	NE	83.9	136.2	141.8	100.3	462.2	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NE
21..	N	N	NE	NE	NE	NE	82.7	127.2	137.8	67.8	415.6	5	Ci.	Cu.	6	Ci.	Cu.
22..	NE	NE	NE	NE	NE	NE	79.7	113.3	104.3	62	359.3	7	Ci.	Cu.	7	Ci.-S.	Cu. NE
23..	NE	NE	N	N	NW	Calm	32	75.8	70.6	28.2	206.6	8	Ci.-S.	Cu.	7	Ci.-S.	Cu.
24..	Calm	Calm	W	SW	Calm	Calm	15.6	37.8	51.5	23.9	128.8	8	Ci.-S.	Cu.	6	Ci.	Cu. N
25..	Calm	SW	SW	SW	SW	SW	33.8	113	179.2	214.2	540.2	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.
26..	SW	SW	SE	SW	Calm	Calm	153.7	85.9	82.7	19	341.3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
27..	Calm	Calm	SW	W	SW	Calm	15.8	29.6	67.6	18.2	131.2	1	.....	Cu.	6	Ci.	Cu.
28..	Calm	SW	S	E	NE	NE	31.2	59	107.3	64.7	262.2	4	Ci.	Cu.	2	Ci.	Cu.
29..	NE	Calm	Calm	NE	NE	NE	27.6	25.7	67	100.1	230.4	9	Ci.-S.	Cu.-N.	6	Ci.	Cu.
30..	NE	NE	NE	NE	NE	N	66.3	115.9	129.3	75.4	386.9	6	Ci.	Cu.	2	Ci.	Cu.
31..	N	N	NE	NE	NE	N	87.2	134.7	160.1	127.6	509.6	2	Ci.	Cu.	2	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	89	119.2	126	88.6	422.9	6	.....	.....	6.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,109.7	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.05	58.31	59.59	57.99	58.57	60.07	58.76	24	23.9	25.6	26.4	25.2	23.6	24.8	27	22.9	96	97	88	86	92	96	92.5	28.7
2..	58.91	59.42	60.02	58.17	58.98	60.15	59.28	23.5	23.4	28	28.2	25.8	25.1	25.7	31	22.7	96	97	82	83	85	88	88.5	2.8
3..	59.39	59.09	60.19	58.98	59	60.06	59.45	24.5	24.1	24.9	23.9	24.3	23.5	24.2	26.3	22.6	95	95	94	97	97	91	94.8	87.1
4..	58.91	59.29	60.48	58.82	59.10	60.74	59.56	23.7	24	24.2	23.5	22.7	23.5	23.6	24.5	21.9	95	96	94	91	91	96	93.8	40.9
5..	59.74	59.64	61	58.82	59.27	60.01	59.75	23.3	23.4	23.1	23.1	23.3	23	23.2	23.7	22.3	97	97	96	96	95	96	96.2	105.1
6..	59.09	59.11	60.72	58.65	58.71	59.74	59.34	22.5	22.5	22.5	24	23.7	23.1	23	24.3	21.4	96	91	96	91	94	96	94	98.8
7..	58.24	58.89	60.28	58.55	59.46	60.92	59.39	23.4	23	22.8	22.7	22.4	22.6	22.8	23.6	21.5	95	97	95	97	96	96	96	192.8
8..	60.53	61.22	61.69	59.87	60.50	61.63	60.91	22.4	21.9	23.5	22.9	23	22.1	22.6	24.6	21.1	93	93	86	91	83	86	88.7	2.8
9..	60.43	60.79	61.41	59.51	60.02	60.92	60.51	22.1	21.6	24.6	25	23.1	23	23.2	26.4	20.8	86	86	75	76	81	83	81.2	.9
10..	59.80	59.92	61.33	59.99	59.54	60.61	60.20	22.5	22.4	22.2	22.6	23	22.9	22.6	23.2	21.2	88	88	95	96	94	97	93	69.6
11..	59.82	60.18	61.59	60.45	59.72	60.56	60.39	22.7	22.9	23.1	22.6	22.5	23.1	22.8	23.9	21.9	95	95	97	97	96	95	95.8	74.4
12..	59.36	59.34	60.65	59.09	58.77	59.69	59.48	23.1	23.2	23.5	23.4	23.5	23.2	23.3	23.9	22.3	95	95	95	95	93	95	94.7	25.5
13..	58.76	58.47	60.53	58.31	58.94	59.15	59.03	23.1	23.5	23.1	25	22.5	22.4	23.3	25.5	21.5	97	94	97	88	96	96	94.7	25.2
14..	58.94	58.94	60.24	58.63	58.70	60.16	59.27	22.2	22.3	25.7	24.9	24.5	24.2	24	28	21.4	96	96	87	92	92	95	93	30.4
15..	59.51	59.80	60.98	59.64	60.11	61.57	60.27	23.9	23	24	24.6	24.1	22.9	23.8	25.5	21.9	96	97	95	94	95	97	95.7	77.1
16..	60.34	60.15	60.42	58	58.89	60.18	59.66	23.1	23	24.9	26.7	24.8	24	24.4	27	22.2	96	96	92	86	85	91	91	4.6
17..	59.35	59.26	59.66	57.67	58.43	59.15	58.92	23.4	23.1	25.4	24.9	24.4	23.6	24.1	28.1	22.6	93	95	88	92	92	93	92.2	7.8
18..	57.81	58.46	59.55	57.60	58.16	59.25	58.47	23.4	23.5	27	26.4	23.9	23.6	24.6	29	22.5	95	96	84	89	96	95	92.5	16.2
19..	58.31	58.16	59	57.20	58.13	59.37	58.36	23.2	23.1	28.3	30	25.9	24.4	25.8	30.4	22.4	97	97	80	71	85	91	86.8	4.1
20..	58.33	58.85	59.80	57.68	57.99	59.57	58.70	24.1	23.6	27.1	27.6	26	24.3	25.4	30	22.9	94	96	81	80	85	89	87.5	.....
21..	58.61	58.71	59.63	57.86	58.23	59.31	58.72	23.7	23.6	27.3	26.5	24.6	23.1	24.8	29	22.6	93	91	76	80	87	95	87	8.4
22..	57.87	58.21	59.69	57.79	58.90	60.41	58.81	23	23.5	24.2	25.1	23.7	22.5	23.7	25.9	21.6	91	90	91	87	86	88	88.8	7
23..	58.80	58.54	59.46	57.40	57.48	58.69	58.40	22.2	22.5	24.1	24.3	24.4	24.2	23.6	24.7	21.4	89	92	88	93	90	90	90.3	7.4
24..	57.50	57.50	58.37	56.14	57.18	58.30	57.50	23.6	23.4	23.5	25	24	23.8	23.9	25.4	22.6	92	95	96	88	96	96	93.8	39.9
25..	56.95	57.26	58.41	56.60	57	58.21	57.40	23.6	23.6	24.9	24.8	24	22.9	24	25	21.9	95	96	90	90	96	97	94	119.9
26..	56.89	57.01	59.34	57.67	57.89	58.62	57.90	22.8	23	23	23.6	23	23.1	23.1	23.9	21.9	96	97	96	96	95	96	96	81.4
27..	57.62	57.46	58.36	56.44	56.91	58.32	57.52	22.8	23.1	23.4	23.5	23.2	23	23.2	23.9	22	96	96	96	96	97	97	96.3	90.3
28..	57.05	57.54	58.75	56.37	57.04	58.16	57.48	23	23	24.8	26.2	24.7	23.6	24.2	26.7	22.3	96	96	86	78	83	84	87.2	.8
29..	57.51	57.59	59.22	57.60	57.51	58.75	58.03	23.1	23.2	23.9	24	24	23.1	23.6	24.5	22.3	85	85	84	88	88	90	86.7	.8
30..	57.59	57.36	58.21	56.39	56.94	58.09	57.43	23	23.5	24.9	26.8	24	23.8	24.3	27.1	22.1	90	91	89	81	96	96	90.5	65
31..	58.08	58.16	60.08	57.68	58.61	59.62	58.70	23.2	23.1	25.5	28.2	24.6	23.4	24.7	28.5	22.5	97	96	88	80	92	95	91.3	69.4
Mean	58.65	58.79	59.96	58.11	58.54	59.68	58.95	23.2	23.1	24.6	25	24	23.4	23.9	26.1	22	93.9	94.1	89.6	88.5	91.3	93.1	91.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,385.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	Calm	Calm	Calm	23.1	21.2	24.4	21.2	89.9	10	Ci.-S. E	Cu.-N.	10		N.-cf.
2..	Calm	WNW	NW	Calm	Calm	WNW	23.6	48.3	28	33.8	133.7	10	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N.
3..	WNW	NW	NW	Calm	Calm	NW	42.8	57.7	35.1	53.9	189.5	10	.....	N.-cf.	10	.....	N.
4..	NW	NW	NW	NNW	WNW	Calm	53.6	56.6	87.7	47.7	245.6	10	.....	N.	10	.....	N.-cf.
5..	NW	WNW	NW	WNW	NW	WNW	27.4	56.3	59.3	72.4	215.4	10	.....	N.	10	.....	N.
6..	NW	WNW	WNW	WNW	WNW	Calm	105.9	92.2	60.6	43	301.7	10	.....	N.	10	.....	N.-cf.
7..	WNW	WNW	WNW	WNW	WNW	WNW	54.2	69.8	78.7	78.3	281	10	.....	N.	10	.....	N.
8..	WNW	WNW	WNW	WNW	NW	NW	78.3	63.1	81.1	95.2	317.7	10	.....	N.-cf.	10	.....	N.-cf.
9..	NW	NW	NNW	NW	NW	NW	108.1	91.9	80	81.3	361.3	10	Ci.-S.	Cu. NE	10	A.-Cu.	Cu. N
10..	NW	NW	WNW	WNW	WNW	Calm	82.9	77.2	78.1	43.1	281.3	10	.....	N.-cf.	10	.....	N.
11..	WNW	WNW	WNW	Calm	Calm	Calm	55.8	44.9	20.4	25.2	146.3	10	.....	N.	10	.....	N.
12..	Calm	WNW	WNW	WNW	WNW	WNW	32.4	38.4	52.9	36.2	159.9	10	.....	N.-cf. NNE	10	.....	N.
13..	WNW	WNW	Calm	WNW	Calm	Calm	64.9	39.4	38.1	23	165.4	10	.....	N.-cf. NE	10	.....	N.-cf.
14..	WNW	WNW	WNW	NE	Calm	WNW	39.1	51.8	35.4	19.6	145.9	10	Ci.-Cu. E	Cu.	10	.....	N.
15..	Calm	Calm	Calm	Calm	Calm	WNW	21.4	33.8	17.1	56.6	128.9	10	.....	N.	10	.....	N.
16..	WNW	WNW	WNW	NNW	NW	WNW	75.9	68.9	58.2	58.2	261.2	10	.....	N.	10	.....	N.-cf. NE
17..	W	Calm	WNW	NE	WNW	WNW	48.3	47.2	35.6	71.4	202.5	10	.....	N.-cf. NE	10	.....	N.
18..	WNW	Calm	Calm	WNW	Calm	WNW	64.6	42.8	60.4	32	199.8	10	.....	N.	10	.....	N.-cf. NE
19..	Calm	WNW	Calm	ESE	SSE	WNW	30.9	22.2	52.9	22.5	128.5	10	.....	N.-cf.	10	Ci.	Cu. NE
20..	WNW	Calm	WNW	WNW	Calm	WNW	49.4	50.9	42.1	47.5	189.9	10	.....	N.-cf.	10	.....	N.-cf. NE
21..	WNW	NW	WNW	NE	N	NW	55.3	67.6	38.3	64.1	225.3	10	Ci.-S.	Cu. NE	10	.....	N.
22..	NW	WNW	NW	NW	NW	NW	96.6	88.8	88.2	121	394.6	10	.....	N.-cf.	10	.....	N.
23..	NW	WNW	NW	NW	NW	NW	89.5	68.9	46.5	72.1	277	10	.....	N.	10	.....	N.
24..	NW	NW	NW	NW	Calm	NW	58.4	57.7	67.1	49.3	232.5	10	.....	N.-cf.	10	.....	N.-cf. NE
25..	WNW	NW	NW	NW	NW	Calm	42.8	37.6	70	53.4	203.8	10	.....	N.-cf.	10	.....	N.
26..	WNW	NW	NW	NW	NW	NW	70.8	72.9	70.5	70	284.2	10	.....	N.	10	.....	N.-cf.
27..	NW	NW	NW	NW	NW	NW	72.2	81	91.2	96.6	341	10	.....	N.	10	.....	N.
28..	WNW	WNW	NW	WNW	NW	NW	77.7	82.6	80.5	85.5	326.3	10	.....	N.	10	.....	N.-cf. NNE
29..	NW	NW	WNW	NW	WNW	NW	92.3	80.5	67.9	76.4	317.1	10	.....	N.-cf.	10	.....	N.
30..	NW	NW	NW	NW	Calm	WNW	70.6	76.9	77.2	63	287.7	10	.....	N.-cf.	10	A.-Cu.	N.-cf.
31..	Calm	WNW	Calm	S	Calm	WNW	42	32.2	28.2	63.9	166.3	10	.....	N.-cf.	10	A.-Cu.	N.-cf. N
Mean	.....	.....	.....	.....	.....	.....	59.7	58.8	56.5	57.3	232.3	10	.....	.....	10	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,201.2	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.07	59.79	60.45	59.11	59.49	60.38	59.72	23.1	22.5	23.1	23.5	23.4	23.1	23.1	24.4	21.6	95	96	91	96	93	96	94.5	62.9
2..	59.41	59.69	60.79	58.66	59		59.71	59.54	23	23	23.6	23.5	23	23	23.2	23.9	22.4	97	97	97	94	97	95	96.2	26.9
3..	58.32	58.67	60.12	58.07	58.63	59.76	58.93	23.1	22.9	25.5	25.9	25	24.4	24.5	27.4	22.3	95	97	88	88	95	97	93.3	.6
4..	59	59.12	59.78	57.59	57.68	58.95	58.69	22.4	21.4	27	29.3	26	23.5	24.9	29.9	20.9	97	97	84	76	89	93	89.3	2.1
5..	57.95	58.90	59.43	57.19	57.58	58.38	58.24	23.3	22.9	28.5	29.6	25.1	23.1	25.4	30.6	22.4	96	97	79	69	88	95	87.3	.....
6..	57.76	58.26	58.83	56.14	56.76	57.92	57.61	22.9	21.3	28.6	30.6	26.	23.9	25.6	31.5	20.8	96	97	80	65	84	93	85.8	.....
7..	57.20	57.45	58.75	57.38	57.90	59	57.95	23.3	23	26.6	23.9	24	24	24.1	27.6	22.4	97	97	80	90	86	83	88.8	2.8
8..	58.62	59.10	59.91	58.10	58.88	60.24	59.14	23	22.6	25.4	26.1	24.9	23	24.2	27	21.5	83	86	73	69	77	83	78.5	.....
9..	59.51	59.87	60.68	58.63	59.62	60.52	59.80	22	22.1	24.9	25.7	22.5	22.3	23.2	26.1	21	86	89	80	82	95	96	88	132.1
10..	59.47	59.24	59.51	58.20	58.89	59.61	59.15	22.5	22	25	23.9	23.5	23	23.3	25.9	21.5	96	97	92	93	93	90	93.5	52.3
11..	57.89	59.02	60.18	57.32	57.94	59.02	58.56	23.5	23.4	25	28.2	26.1	25	25.2	28.8	22.4	89	93	92	76	87	92	88.2	22.8
12..	57.53	59.04	59.53	58.44	58.86	59.83	58.87	24.3	24	24	23.7	24	23.5	23.9	24.9	22.6	94	97	97	94	95	95	95.3	50.6
13..	59.51	59.60	60.07	58.26	58.44	59.20	59.18	22	22.6	26.1	27	24.6	23.8	24.4	29	21.3	96	97	85	81	87	93	89.8	.5
14..	59	58.92	59.19	57.46	58.12	59.23	58.65	23	22.8	25.6	26.5	25.4	24.1	24.6	27.4	21.9	97	96	87	87	88	95	91.7	4.9
15..	58.25	58.64	59.55	57.18	58.65	59.92	58.70	23.8	23.9	26.4	27	25.1	24.4	25.1	29.4	23.1	95	96	86	84	93	92	91	7.5
16..	59.20	60.06	60.73	58.39	58.99	60.75	59.69	23.8	23.5	27.9	28	25.9	25.1	25.7	30.6	23	92	94	79	76	88	88	86.2	1.2
17..	59.58	60.06	61.12	59.33	60.34	61.29	60.29	23.6	23.6	26	24	23.5	23.3	24	28.5	22.4	94	96	87	95	94	93	93.2	26.4
18..	60.25	60.22	61.07	58.54	59.77	61.23	60.18	23.2	23.1	26	27.1	24.6	23.6	24.6	28	22.1	92	91	76	70	75	79	80.5	.....
19..	60.21	60.65	62.06	60.13	60.91	62.09	61.01	22.8	22.5	23.7	24.2	23.2	22.5	23.2	27.3	21.6	83	88	88	86	81	86	85.3	1.6
20..	60.50	61.03	62.24	60.38	60.49	61.94	61.10	22.1	22	25	24	23.1	23.2	23.2	25.4	21.3	87	88	83	86	81	78	83.8	3.3
21..	61.20	61.37	63.18	60.63	60.64	61.66	61.45	22.7	22.1	24.9	26.1	23.2	22.5	23.6	27.1	21.4	80	82	77	81	83	86	81.5	2.5
22..	61.10	61.38	62.51	60.72	61.14	62.66	61.58	22.2	21.9	26.2	23.4	23.9	21.9	23.2	27.8	20.8	91	93	75	86	80	84	84.8	2
23..	61.49	61.73	62.18	60.12	61.33	62.77	61.60	21	20.5	25.9	27.5	23.5	21.5	23.3	29.3	19.8	85	87	67	54	70	85	74.7	.....
24..	61.69	62.03	62.98	60.66	61.56	62.06	61.83	20.8	20.5	25.1	27.1	24.3	23.3	23.5	28.4	19.6	86	87	73	70	85	91	82	22.9
25..	60.19	60.89	62.32	60.06	61.36	62.21	61.17	22.9	23.1	25	30	26.1	23.5	25.1	30.8	22	96	97	92	75	90	95	90.8	19.1
26..	60.98	60.87	61.46	59.46	60.48	61.56	60.80	22.7	22.4	25.1	26.5	24.6	24	24.2	28.2	21.9	95	96	92	89	90	91	92.2	7.6
27..	60.78	61.40	62.01	60.06	60.41	61.76	61.07	22.9	22.5	27	30.5	26.4	24	25.6	31.1	21.5	93	96	77	62	73	85	81	.....
28..	61.11	61.37	61.56	59.55	60	61.16	60.79	22.4	22.1	26	30.2	26.1	25	25.3	31.3	21.5	88	91	78	61	75	76	78,2	.8
Mean	59.53	59.94	60.79	58.78	59.42	60.53	59.83	22.8	22.5	25.7	26.5	24.5	23.5	24.3	28.1	21.7	91.8	93.4	83.4	79.8	86.1	89.5	87.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	453.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WNW	WNW	Calm	WNW	WNW	Calm	77.5	27.4	21.2	37.8	163.9	10	.....	N.	10	.....	N.
2..	Calm	Calm	Calm	NW	Calm	WNW	32.7	12.3	28.2	28.8	102	10	.....	N.	10	.....	N.
3..	WNW	Calm	Calm	Calm	Calm	Calm	41.3	15.1	12.9	11.5	80.8	10	.....	N.	10	.....	N.-cf.
4..	Calm	Calm	ESE	SE	S	Calm	5	36.7	81.3	20.9	143.9	10	A.-Cu. E	Cu.	10	A.-Cu.	Cu. ESE
5..	NW	Calm	SSE	SE	Calm	Calm	21.9	28.7	57.7	12.4	120.7	10	.....	N.-cf. ESE	10	Ci. N	Cu.
6..	Calm	Calm	Calm	SE	Calm	Calm	6.7	20.6	48.8	12.1	88.2	4	Ci.	Cu.	7	Ci.	Cu.
7..	Calm	W	WNW	NW	NW	NW	19.6	59.2	48	64.6	191.4	10	A.-Cu. N	Cu.	10	.....	N.
8..	NW	WNW	WNW	NW	Calm	NW	64.1	67.3	40.5	48.1	220	10	A.-Cu.	N.-cf. NE	10	.....	N.-cf. N
9..	WNW	WNW	WNW	WNW	WNW	NW	46.1	55.7	38.6	75.1	215.5	10	.....	N.-cf.	10	.....	N.-cf.
10..	NW	Calm	Calm	WNW	WNW	WNW	68.6	34.6	45.4	82.7	231.3	10	.....	N.	10	.....	N.
11..	NW	WNW	WNW	NNW	Calm	Calm	87.4	75.6	47	11	221	10	.....	N.	10	Ci.-S.	N.-cf. NE
12..	WNW	Calm	Calm	Calm	Calm	WNW	28.5	18.7	22.5	28.2	97.9	10	.....	N.	10	.....	N.-cf.
13..	S	Calm	Calm	NE	Calm	WNW	34.8	26.9	30	21.4	113.1	10	.....	N.-cf.	10	.....	Cu. E
14..	Calm	WNW	WNW	NNE	Calm	Calm	21.5	48.8	22.8	11.3	104.4	10	A.-Cu. E	Cu.	10	.....	N.-cf. NE
15..	WNW	Calm	WNW	Calm	NE	WNW	24.9	33.3	35.9	38.9	133	10	.....	N.-cf.	10	.....	N.-cf. E
16..	WNW	Calm	WNW	WNW	WNW	WNW	43.3	60.4	41.3	39.2	184.2	10	Ci.-S.	Cu. NE	10	.....	Cu.-N.
17..	WNW	WNW	WNW	Calm	NW	NW	62.6	59	48.8	46.2	216.6	10	.....	N.-cf. NE	10	.....	N.
18..	NW	NW	NW	NNE	NNW	NW	68.4	73.7	56.6	72.1	270.8	10	.....	N.-cf. NE	10	.....	N.-cf. NE
19..	NW	NW	NNE	WNW	WNW	WNW	75	48	34.8	30.6	188.4	10	.....	N.-cf.	10	.....	N.-cf. NE
20..	WNW	WNW	WNW	Calm	Calm	NW	53.4	53.1	32.5	48.1	187.1	10	.....	N.-cf.	10	.....	N.-cf.
21..	NW	WNW	NW	Calm	WNW	WNW	58.5	58.2	59.7	40	216.4	10	.....	N.-cf.	10	.....	N.
22..	WNW	WNW	NW	WNW	WNW	WNW	51.2	48.8	29.5	43	172.5	10	A.-Cu. E	S.	10	.....	N.
23..	WNW	WNW	NW	NNE	Calm	WNW	50.7	63.6	26.2	44.3	184.8	10	Ci. S	Cu.	9	A.-Cu.	Cu.-N. NNE
24..	WNW	WNW	NW	WNW	WNW	WNW	59	65	65	60.7	249.7	10	A.-Cu. S	S.	10	.....	N.-cf. NbyE
25..	WNW	WNW	WNW	ESE	Calm	Calm	64.4	24.1	44.5	22.8	155.8	10	.....	N.	10	Ci.-S.	Cu. E
26..	WNW	WNW	NW	NE	Calm	WNW	32.5	45.1	38.6	27.9	144.1	10	Ci.-S.	Cu. NE	10	A.-Cu.	N.-cf. ENE
27..	WNW	WNW	NW	E	NNE	NW	41.2	55.3	55.3	38.6	190.4	8	Ci. SE	Cu.	10	Ci.	Cu. ENE
28..	WNW	WNW	WNW	E	Calm	WNW	45.6	47.3	30.3	38.4	161.6	10	Ci.-S. SE	Cu.	10	Ci.-S.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	45.9	45.1	40.9	37.7	169.6	9.7	.....	.....	9.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,749.5	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.32	60.16	60.91	59.38	59.98	61.37	60.35	23.9	23.5	25.1	27.5	24.1	24.1	24.7	27.7	22.5	91	91	93	77	87	83	87	7.2
2..	60.42	60.69	61.57	60.29	60.73	62.11	60.97	22.8	22.7	25.4	23.9	24.1	23.9	23.8	25.8	21.8	88	91	80	96	95	95	90.8	25.6
3..	61.48	62.19	63.11	60.93	61.46	62.41	61.93	23.7	23.6	26.3	27	25	23.4	24.8	28	22.4	91	91	75	71	79	93	83.3	29.3
4..	61.48	61.83	62.26	60.02	60.57	61.76	61.32	23.4	23.5	27	27.5	25.6	23.9	25.2	30.8	22.5	93	93	78	78	85	93	86.7	30.5
5..	60.43	60.66	61.30	59.62	59.75	61.37	60.52	23.3	23.6	26	25.5	25.1	23.4	24.5	28.6	22.4	95	97	89	88	90	93	92	32
6..	60.28	60.59	61.05	59.26	59.92	61	60.35	23.3	23.1	30	27.9	26	24.5	25.8	31.5	22.5	95	97	75	79	84	92	87	6.4
7..	59.78	59.72	61.22	58.75	59.26	59.84	59.76	23.9	23.9	23	24.6	23.6	23.3	23.7	25.6	22.5	93	93	91	88	95	93	92.2	76
8..	57.76	57.56	57.57	56.95	57.60	58.75	57.70	23.4	23.7	23	24.1	24	24.2	23.7	24.6	22	91	91	95	95	97	97	94.3	66.1
9..	57.59	57.90	58.97	56.91	57.54	58.78	57.95	24.2	23.6	28.9	27.5	25.6	24	25.6	30	23	95	97	75	84	87	93	88.5	50.6
10..	57.69	58.50	59.36	57.47	57.81	59.40	58.37	23.6	24	28.5	27.5	26.1	24.4	25.7	30	23.1	96	96	82	92	91	95	92	38.8
11..	57.89	58.66	59.93	57.48	57.61	59.17	58.46	24.1	23.9	26.5	29.4	26.9	24.8	25.9	30.3	23.1	93	91	80	68	84	92	84.7	.....
12..	57.65	57.74	59.36	56.86	57.29	58.88	57.96	24	23.6	26.6	29.6	26.1	24.3	25.7	30.3	23	93	94	80	67	83	88	84.2	.....
13..	58.24	58.36	59.57	57.61	58.23	59.46	58.58	24	23.6	28.6	28.5	25	24.2	25.6	30.4	22.8	91	95	78	78	88	93	87.2	4.3
14..	58.69	59.10	60.16	58.28	57.97	59.27	58.91	23.9	23.4	28.6	26	26.4	24.3	25.4	30.4	22.7	95	97	79	81	85	93	88.3	2.8
15..	58.79	59.05	60.41	58.17	58.66	60.21	59.22	23.2	23.1	28.9	31	27.5	24.4	26.4	31.4	21.8	97	97	76	64	73	91	83	.....
16..	59.76	60.24	61.08	58.90	59.70	61.26	60.16	24.1	23.1	28.1	31	26.4	24.4	26.2	31.6	22.5	93	95	70	57	81	82	79.7	.....
17..	60.37	61.13	62.02	60.31	61.57	62.88	61.38	23.9	23	28.9	28.9	24	23	25.3	31.2	22	91	91	69	74	91	95	85.2	11.7
18..	61.69	62.11	63.10	61.06	61.67	62.78	62.07	22.7	23	27.1	27.1	24.4	24.2	24.8	29.2	22	94	91	75	77	90	92	86.5	2
19..	61.69	61.82	62.20	60.17	60.42	61.24	61.26	22.5	22	26.4	28.4	26	24	24.9	30.6	21.4	91	91	73	65	81	78	79.8	1
20..	60.19	60.42	61.55	58.84	58.88	60.13	60	22.3	22	27	30	25.6	24.1	25.2	31.2	21.2	86	93	70	56	80	83	78	.....
21..	59.72	59.78	60.55	57.78	57.96	59.11	59.15	23.3	22.5	26.7	31.4	26.4	25	25.9	32.1	21.5	86	91	72	57	81	83	78.3	.....
22..	58.38	59.29	60.07	57.70	59.20	60.99	59.27	24.5	24	28	30.4	23.9	22.8	25.6	31	21.8	86	88	70	68	93	95	83.3	96.1
23..	59.86	59.89	60.29	58.25	58.38	59.47	59.36	22.7	22.9	26	26.1	25	24.4	24.5	29.3	22	96	91	82	87	92	95	90.5	16.5
24..	58.41	58.61	59.47	57.47	58.20	59.36	58.59	23.1	23.5	28	25.2	26.1	24.4	25	30.8	22.6	97	95	79	93	92	95	91.8	10
25..	58.49	58.85	60.05	58.17	58.68	59.96	59.03	23.7	23.6	29.2	31.6	25.5	24.9	26.4	32.4	22.9	95	97	76	70	92	93	87.2	11.2
26..	58.78	58.99	60.23	58.71	58.79	61.07	59.43	24	24.2	28.5	30.5	27.6	24.9	26.6	31.8	22.3	96	97	80	72	77	85	84.5	1.5
27..	59.62	59.83	61.02	59.65	59.30	60.76	60.03	23.1	23.7	28	24.2	24.1	24.3	24.6	29.6	22.5	95	95	77	93	95	93	91.3	28.7
28..	59.72	59.72	60.75	58.74	58.88	60	59.64	24.9	24.5	29.3	30.2	26.2	24.5	26.6	30.7	23.5	88	90	71	68	75	88	80	.5
29..	59.08	59.53	60.32	58.37	58.84	60.22	59.39	24.1	23.6	27	28	26.1	24.1	25.5	28.4	23	91	94	80	77	78	88	84.7	.....
30..	59.39	59.24	59.82	57.76	58.62	60.36	59.20	24.1	24.1	30.1	28.9	26.8	24.9	26.5	32.3	23.5	88	91	71	78	80	93	83.5	8.1
31..	59.24	59.91	59.75	58.16	58.66	60.46	59.36	24	23.6	28.9	30.5	27.1	24.8	26.5	32	22.8	91	95	77	65	74	88	81.7	4.6
Mean	59.45	59.74	60.61	58.65	59.10	60.45	59.67	23.6	23.4	27.4	28.1	25.6	24.2	25.4	30	22.4	92.3	93.4	78	76.2	85.6	90.6	86	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	561.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WNW	WNW	WNW	NE	WNW	WNW	37	57.3	47.3	43	184.6	10	.....	N.-cf.	10	.....	N.-cf. NE
2..	WNW	WNW	NW	NW	NW	NW	47	55.8	68.2	57.7	228.7	10	Ci.-S. SE	Cu.	10	.....	N.-cf. NE
3..	NW	NW	NW	NW	NW	NW	66.6	78.7	81.6	83.2	310.1	10	.....	N.-cf. NE	10	.....	N.-cf. NE
4..	NW	WNW	NE	NE	Calm	Calm	45.1	32.2	30.6	29.5	137.4	10	A.-Cu.	N.-cf. NE	10	Ci.-S.	N.-cf. NE
5..	WNW	WNW	WNW	WNW	Calm	WNW	39.4	41.3	38.6	25.4	144.7	10	.....	N.	10	.....	Cu.-N. E
6..	WNW	WNW	WNW	E	Calm	Calm	39.6	39.7	42.4	25.1	146.8	7	Ci.	Cu. NE	10	A.-Cu.	N.-cf. ENE
7..	WNW	WNW	Calm	WNW	NW	NW	58.2	47	43.7	55.5	204.4	10	.....	N.-cf. NE	10	.....	N.
8..	NW	NW	SW	SE	Calm	SE	78.3	82.7	53.7	33.8	248.5	10	.....	N.	10	.....	N.
9..	SE	SE	SE	SE	Calm	E	47.2	76.1	72.4	22.3	218	10	A.-Cu.	Cu. SSW	10	Ci.	N.-cf. SSW
10..	Calm	Calm	Calm	Calm	Calm	Calm	15.3	27.9	18.8	20.3	82.3	10	.....	N.-cf. SSW	10	A.-Cu.	Cu.-N.
11..	Calm	Calm	WNW	WNW	Calm	Calm	19.5	65.7	57.6	32	174.8	10	.....	N.-cf. WSW	10	A.-Cu.	Cu. W
12..	Calm	Calm	NW	NW	WNW	NW	20.1	41.6	81.3	80.8	223.8	5	Ci.	Cu.	7	A.-Cu.	Cu. W
13..	Calm	NW	Calm	SE	Calm	Calm	19.3	42.3	57.7	12.6	131.9	10	Ci.	Cu. E	10	.....	N.-cf. SE
14..	Calm	Calm	E	WNW	Calm	Calm	18.5	34.6	37.8	26.9	117.8	10	A.-Cu.	Cu. NNW	10	Ci.	Cu.-N.
15..	Calm	Calm	Calm	WNW	NW	Calm	13.1	20.6	80.3	22.5	136.5	5	Ci.	Cu.	8	Ci.	Cu. NW
16..	WNW	W	NW	NW	S	NW	37	43	59.5	30.1	169.6	10	Ci.-S. SW	Cu.	7	Ci.	Cu.
17..	WNW	Calm	Calm	E	Calm	Calm	36.4	31.6	57.9	20.4	146.3	10	Ci.-S.	Cu. N	9	A.-Cu. S	Cu.-N.
18..	NW	WNW	Calm	SE	Calm	WNW	37.3	36.7	42	31.6	147.6	10	.....	N.-cf. NE	10	.....	N.-cf.
19..	WNW	WNW	WNW	WNW	Calm	WNW	36.7	44.8	57.9	29.6	169	3	Ci.	Cu.	10	.....	N.-cf. NE
20..	WNW	WNW	NW	WNW	S	Calm	46.7	45.4	44.6	25.9	162.6	7	Ci. S	Cu.	10	A.-Cu.	Cu. N
21..	WNW	Calm	WNW	Calm	SSE	Calm	37.2	41.6	51.3	20.9	151	4	Ci.	Cu.	10	A.-Cu.	Cu. E
22..	WNW	WNW	WNW	WNW	WNW	S	39.7	45.3	56.8	48	189.8	10	.....	N.-cf.	10	.....	Cu. NE
23..	Calm	WNW	WNW	WNW	Calm	Calm	43.3	49.6	35.1	19.1	147.1	10	A.-Cu.	N.-cf. NE	10	.....	N.-cf.
24..	Calm	W	NW	SSW	Calm	Calm	39.4	38.4	24.4	9.5	111.7	4	A.-Cu.	N.-cf.	10	.....	Cu.-N.
25..	WNW	Calm	ESE	Calm	Calm	Calm	26.2	29.5	26.9	17.7	100.3	10	A.-Cu. S	Cu.	10	A.-Cu.	Cu.-N.
26..	Calm	Calm	WNW	SE	E	SE	14.2	32.5	53.3	38.3	138.3	10	A.-Cu. E	Cu.	10	A.-Cu. E	Cu.-N.
27..	Calm	Calm	Calm	SE	Calm	Calm	21.1	29.6	18.7	19.3	88.7	10	A.-Cu.	Cu. E	10	.....	Cu.-N.
28..	WNW	Calm	E	E	E	Calm	35.9	30.3	53.9	18.5	138.6	10	A.-Cu.	Cu. E	10	Ci.-S.	Cu.-N. E
29..	Calm	Calm	Calm	NW	Calm	Calm	24.7	14.2	34.1	14.8	87.8	10	.....	N.-cf.	10	.....	N.-cf.
30..	WNW	Calm	E	ESE	E	Calm	31.4	32.4	57.4	13.9	135.1	10	A.-Cu.	Cu. ENE	10	A.-Cu.	Cu.-N. E
31..	WNW	Calm	NW	ESE	Calm	Calm	34.9	23.6	48.5	17.7	124.7	8	A.-Cu.	N.-cf. E	10	Ci.-S.	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	35.7	42.3	49.5	30.5	158	8.8	.....	.....	9.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,898.5	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.85	59.50	59.82	57.62	58.06	59.54	58.90	23.1	23.6	30	29.6	26.7	24.9	26.3	32.4	22.4	95	95	70	78	78	90	84.3	10.4
2	58.29	58.50	59.13	57.12	57.95	58.78	58.30	24.5	24.1	28.5	25	25	24.9	25.3	29.4	23.5	92	95	76	92	92	92	89.8	13
3	57.49	58.15	58.54	56.94	57.63	58.84	57.93	23.9	24.3	28.2	26.1	24.5	24.1	25.2	30.2	23.4	93	94	83	84	88	90	88.7	8
4	58.40	58.69	59.42	57.21	58.02	59.33	58.51	23.9	24.1	27	30.9	26.9	25.1	26.3	31.9	22.9	91	92	78	60	82	82	80.8	.3
5	58.14	58.44	59.06	57.05	57.77	59.20	58.28	24	24.3	28	30.1	27	25	26.4	30.6	23.4	93	93	77	74	87	92	86	2.5
6	57.68	57.79	58.58	56.62	57.21	58.82	57.78	24.5	24.5	28.5	28	25.4	24.6	25.9	29.2	23.4	92	95	78	77	90	92	87.3	6.4
7	57.69	57.91	58.17	56.20	56.71	58.67	57.56	23.7	23.7	29.5	31	25.9	24.5	26.4	32.3	22.7	94	94	74	69	88	92	85.2	2.8
8	57.53	57.90	58.47	56.73	57.06	58.94	57.77	24	23.6	29.5	30.8	27.5	25.3	26.8	31.6	23	91	95	75	67	80	88	82.7	.....
9	57.69	58.03	58.86	56.62	57.31	59.42	57.99	24.7	24.4	29.5	29	27	25.1	26.6	32	23.6	90	91	72	74	87	88	83.7	.....
10	58.17	58.26	58.91	56.53	57.07	58.54	57.91	24.9	24.5	29	31.6	28	25.9	27.3	32.2	23.8	89	92	69	56	70	79	75.8	.....
11	57.33	57.39	57.68	55.37	56.04	56.47	56.71	24.8	25	28.5	30	26.2	26	26.8	30.8	23.9	83	92	73	72	87	87	82.3	5.4
12	54.99	54.61	55.37	53.26	53.69	55.07	54.50	26.2	26.4	25.6	25.9	26	25.6	26	28.2	23.6	84	81	86	78	73	79	80.2	2.9
13	53.62	54.68	55.93	54.70	55.99	57.48	55.40	25.1	25.1	27.5	28.6	26.5	26.2	26.5	29.9	24.4	82	87	77	66	66	82	76.7	.....
14	56.90	57.25	57.92	56	56.91	58.47	57.24	25.5	24.7	29.1	30.5	27.5	23.4	26.8	31	22.2	85	93	72	59	77	91	79.5	.....
15	57.79	58.28	58.62	56.15	57.19	58.68	57.78	23.3	23.1	30	32	27.6	25.6	26.9	32.9	22	95	96	73	60	83	92	83.2	.3
16	57.98	58.98	59.30	57.14	57.94	59.43	58.46	25	24.4	29.4	32.5	26	25	27	33	23.5	92	93	72	58	89	92	82.7	11.2
17	58.90	59.67	60.31	58.04	58.93	60.83	59.45	24.8	24	28	30.1	26.6	25.5	26.5	31	23.4	85	92	73	74	77	84	80.8	.....
18	60.16	60.67	61.12	58.96	59.75	61.53	60.36	24.3	24	28.1	29.9	26.9	25.4	26.4	31.5	23.1	85	91	70	66	84	85	80.2	.....
19	60.96	60.87	61.22	58.94	59.56	61.03	60.43	24.1	24.6	28.9	31.6	27	25.5	27	33	23.4	90	83	69	62	72	79	75.8	5.9
20	60.11	60.73	60.76	58.79	59.55	61.05	60.16	24	23.7	28.4	30.1	25.2	25	26.1	30.9	22.8	91	90	75	65	90	90	83.5	.5
21	59.41	59.66	60.62	58.21	58.63	60.40	59.49	25	24.6	28	28.5	25.1	24.9	26	31.4	23.9	92	94	82	78	95	93	89	17.9
22	58.68	59.34	60	59.57	57.86	59.80	59.21	24.5	24	28.6	22.9	23	22	24.2	30.9	21.4	92	95	80	90	91	96	90.7	12.8
23	58.92	59.11	60.31	58.68	59.78	61.05	59.64	23.5	23.7	28.5	30.5	26	24.5	26.1	31.8	22.3	93	94	80	73	91	95	87.7	5.3
24	60.11	60.23	60.79	59.15	59.70	61.13	60.18	24.4	24.1	30.3	28.4	25.5	25	26.3	32.5	23.5	92	97	74	86	88	93	88.3	4.4
25	60.26	60.41	60.96	59.24	59.42	60.45	60.12	24.9	24.9	27	27.5	26.6	24.4	25.9	30.3	23.8	95	94	87	84	87	92	89.8	.....
26	58.98	58.94	59.95	58.07	58.06	59.62	58.94	24.2	24.5	30.2	29	27	26.1	26.8	32	23.4	96	96	74	74	84	85	84.8	.....
27	58.18	58.24	59.29	57.34	57.71	59.23	58.33	24.9	24.5	29.1	29.6	27.1	24.4	26.6	31.4	23.5	95	96	79	78	84	95	87.8	2.8
28	58.13	58.29	59.11	57.06	57.67	59.48	58.29	24.3	23.9	30	28.6	26.2	25.1	26.4	32	23.1	95	96	75	76	87	94	87.2	7.1
29	58.43	58.85	59.82	58.39	58.70	59.86	59.01	24.5	24.3	29.5	29.1	25.6	24.5	26.2	32.5	23.3	94	96	68	81	93	95	87.8	15.2
30	58.78	59.29	59.57	58.14	58.30	59.70	58.96	24.5	24.1	30.1	31.6	27.3	25	27.1	32.1	23.3	95	97	73	68	78	88	83.2	.3
Mean	58.28	58.62	59.25	57.33	57.87	59.36	58.45	24.4	24.3	28.8	29.3	26.3	25	26.3	31.4	23.2	91	93	75.5	72.6	83.9	89.1	84.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	E	Calm	ENE	WNW	10.8	23.9	35.4	16.6	86.7	2	Ci.	Cu.	9	Ci.	Cu. NE
2	WNW	NW	NW	WNW	Calm	WNW	61.2	45.1	35.4	29.5	171.2	10	Ci.-S.	Cu. NW	10	.....	Cu.-N.
3	Calm	WNW	Calm	ENE	Calm	Calm	42.8	29.5	23.8	12.6	108.7	10	.....	N.-cf. ENE	10	.....	Cu.-N.
4	WNW	WNW	Calm	E	Calm	WNW	49.1	42	36	37.3	164.4	10	Ci.-Cu.	N.-cf. NE	10	A.-Cu. E	Cu.
5	Calm	WNW	NW	SE	Calm	Calm	45.1	48.9	51	20.3	165.3	10	.....	N.-cf. NE	10	Ci.	Cu.
6	WNW	NW	Calm	Calm	Calm	WNW	39.1	38.1	28	23.3	128.5	10	.....	N.-cf. NE	10	Ci.-Cu.	Cu.-N.
7	WNW	WNW	Calm	SE	WNW	Calm	35.1	31.9	61.2	22.3	150.5	9	Ci.	Cu. ENE	5	Ci.-S.	Cu.
8	WNW	WNW	Calm	SE	Calm	WNW	41.6	30.4	43.3	26.2	141.5	8	A.-Cu.	Cu. NE	10	Ci.-Cu.	Cu. NE
9	WNW	WNW	WNW	Calm	Calm	Calm	48.5	50.4	34.3	19.1	152.3	10	Ci.-S. E	Cu.	10	Ci.-S.	Cu.-N. NE
10	WNW	WNW	WNW	WNW	WNW	WNW	39.1	60.9	79.2	69.7	248.9	10	Ci.-S. SE	Cu.	8	Ci.	Cu. NE
11	WNW	NW	NW	NW	NW	NW	61.5	84.5	93.5	85.1	324.6	10	.....	N.-cf. N	10	Ci.-S.	Cu. N
12	NW	NW	WNW	WNW	WNW	WNW	112.7	155.9	145	77.2	490.8	10	.....	N.-cf. N	10	.....	N.-cf.
13	W	W	WbyN	W	WNW	WNW	115.9	130	116.7	39.4	402	10	.....	N.-cf.	10	.....	N.-cf. WNW
14	Calm	WNW	WNW	WNW	Calm	Calm	19.9	62.2	82.6	8.3	173	10	Ci.-S.	Cu.	10	Ci.-S. ENE	Cu.
15	Calm	Calm	Calm	NW	SE	Calm	20.3	22.3	37.8	11.8	92.2	1	Ci.-S.	Cu.	1	.....	Cu.
16	WNW	Calm	WNW	NW	Calm	Calm	28.2	44.3	46.9	18.3	137.7	7	.....	N.-cf. WNW	2	Ci.-S.	Cu.
17	WNW	WNW	WNW	ESE	Calm	Calm	48.1	46.7	33.3	21.5	149.6	10	Ci.-S. NE	Cu.	7	A.-Cu.	Cu.-N.
18	WNW	WNW	NW	Calm	Calm	NW	33.8	53.4	29	28.2	144.4	10	A.-Cu. N	Cu.	9	.....	Cu.-N. N
19	WNW	NW	NNW	SE	NE	NW	34.9	32.4	46.1	32.2	145.6	7	Ci.	Cu. NE	3	Ci.	Cu.
20	WNW	NW	N	Calm	WNW	NW	32.2	41	36.8	42.6	152.6	10	.....	N.-cf. NE	10	A.-Cu. E	Cu.
21	WNW	NW	NW	WNW	Calm	WNW	47	48	34.6	21.5	151.1	10	A.-Cu.	Cu. E	10	.....	Cu.-N.
22	NW	Calm	W	NNE	NE	Calm	28.4	30.8	64.6	13.1	136.9	10	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
23	WNW	WNW	NW	SE	NW	Calm	50.9	44.8	52.6	21.5	169.8	10	.....	N.-cf. ENE	10	Ci.-Cu.	Cu. ESE
24	WNW	W	Calm	E	Calm	Calm	40.2	31.2	44.1	16.9	132.4	4	Ci.-Cu.	Cu.	10	.....	N.-cf. E
25	Calm	WNW	SE	Calm	Calm	Calm	18.2	37.5	22.5	10.3	88.5	10	.....	Cu.-N.	10	.....	Cu.-N.
26	Calm	Calm	SE	Calm	SE	E	10.2	35.4	48.1	32.5	126.2	10	Ci. W	Cu.	10	Ci.	Cu.-N.
27	Calm	Calm	Calm	ESE	Calm	Calm	28.4	31.9	28	13.9	102.2	10	Ci.-S. NW	Cu.	10	A.-Cu. ENE	Cu.
28	WNW	Calm	SSE	SE	SE	Calm	26	35.2	58.2	18.3	137.7	7	A.-Cu. E	Cu.	10	.....	N.-cf. SE
29	W	W	Calm	SE	Calm	Calm	26.6	37	52.6	5.8	122	10	Ci.-S. SW	Cu.	10	.....	N.
30	WNW	Calm	Calm	ESE	ENE	Calm	35.4	34.9	64.7	19.5	154.5	7	Ci.	Cu.	7	Ci.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	41	48	52.2	27.2	168.4	8.7	.....	.....	8.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,051.8	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.63	58.78	59.19	57.82	57.68	58.88	58.50	24.3	24.6	28.3	26.6	24.9	24.8	25.6	30.3	23.5	93	95	80	90	93	95	91	4.8
2..	57.78	57.83	58.83	57.20	57.96	58.98	58.10	24.7	24.6	27	28.1	24.6	23.1	25.4	28.9	22.4	95	95	84	76	91	97	89.7	8.7
3..	57.50	57.80	58.89	57.19	57.96	59.37	58.12	23.3	24.1	30.1	28.5	27	25.5	26.4	31.9	22.3	97	96	74	78	81	87	85.5	1
4..	58.08	59.08	59.99	57.97	58.91	59.83	58.98	24.3	24.6	30.4	30.6	27.1	26	27.2	32.8	23.6	93	95	73	72	87	88	84.7	1.8
5..	58.95	59.41	60.09	58.19	58.59	59.75	59.16	25	25	30.7	29	27.9	26	27.3	32.9	23.8	92	92	70	82	79	87	83.7	6.2
6..	58.24	58.53	58.74	56.64	57.79	58.92	58.14	25	24.9	30.5	29.4	25.5	25.1	26.7	32.6	23.7	92	93	72	75	88	94	85.7	7
7..	57.67	58.38	58.64	56.57	56.84	58.64	57.79	24.5	24.5	30.4	26.5	26.4	25.8	26.4	32.1	23.6	96	96	73	87	86	92	88.3	.3
8..	56.80	57.33	57.89	55.86	56.62	57.57	57.01	25.5	24.6	29.9	29.5	25.3	25	26.6	30.9	24	88	92	70	75	92	93	85	17.6
9..	56.48	56.99	57.81	56.25	57.22	58.91	57.28	25	25	28.3	29.1	26.9	26	26.7	31.2	24.2	92	97	85	81	86	92	88.8	2.8
10..	57.79	58.23	59	57.14	58.10	59.71	58.33	24.5	24.5	31	31.5	27.8	25.6	27.5	32	22.8	95	97	72	69	79	91	83.8	.....
11..	58.57	58.93	58.87	57	57.45	59.36	58.36	24.1	25.1	28.7	29.5	27.5	26.4	26.9	31.5	23.5	91	94	80	78	81	89	85.5	1.5
12..	58.11	58.10	59.37	57.74	57.18	58.94	58.24	25.8	25.6	26	24.6	24.6	24.3	25.2	27.5	23.5	93	95	92	93	94	95	93.7	11.4
13..	58.04	58.10	59.64	58.42	58.80	60.06	58.84	24.5	24.3	25.1	25.9	25.6	23.6	24.8	26.6	23.2	92	96	96	94	94	96	94.7	17.8
14..	59.04	59.26	59.82	58.28	59.07	60.28	59.29	23.5	24.2	30.1	30.4	27.1	24.5	26.6	32.5	22.9	97	97	77	69	84	92	86	.....
15..	59.41	59.53	59.70	58.20	58.09	59.50	59.07	24.1	24.4	29.5	29.2	26.1	24.5	26.3	31.5	23.2	95	96	75	81	89	96	88.7	8.1
16..	58.28	58.49	58.91	56.86	57.12	58.20	57.98	24.5	24.5	28	25.6	27	25	25.8	31.4	23.6	93	96	77	84	84	92	87.7	5.8
17..	56.98	57.10	57.89	55.71	56.55	58.15	57.06	24.1	24	30.6	30.7	27.2	25.2	27	32.4	23.4	95	98	72	70	89	92	86	.....
18..	57.07	57.53	58.55	56.91	57.60	59.04	57.78	24.9	24.7	27.1	28.6	27	25.6	26.3	30.6	23.9	93	95	89	85	87	95	90.7	7.7
19..	58.03	58.63	58.97	57.04	57.05	58.80	58.09	24.5	24.9	29.5	31.1	28.1	25.5	27.3	32.3	23.9	96	97	72	73	83	94	85.8	.....
20..	58.17	58.59	58.86	56.93	56.77	58.38	57.95	25	24.9	29.5	32.1	28.4	25.9	27.6	33.5	23.9	92	95	75	66	77	90	82.5	.....
21..	57.07	57.68	58.61	56.48	56.92	58.69	57.58	24.8	25	29.5	32.1	27.5	26	27.5	33	23.9	93	92	68	52	77	79	76.8	.....
22..	58.37	58.24	58.91	57.23	57.16	59.03	58.16	24.6	24	29.9	32.5	29.2	25	27.5	33.6	23	87	92	65	48	63	88	73.8	.....
23..	57.72	58.16	59.11	56.49	56.26	58.02	57.63	24.5	23.9	30.6	32.1	29	24.1	27.4	32.9	22	92	94	72	57	71	93	79.8	.....
24..	57.59	58.15	58.39	56.13	56.34	57.98	57.43	23	23.4	30.5	32.6	29	26.6	27.5	34.2	22	96	96	73	64	78	90	82.8	.....
25..	57.45	57.43	58.79	56.87	56.89	59.10	57.76	24.9	24.5	30.7	32.4	28.5	26	27.8	33.2	23.3	93	96	73	64	79	92	82.8	.....
26..	58.35	58.25	59.34	57.65	57.50	59.69	58.46	24.5	24.6	31.4	33	28.6	27.1	28.2	33.8	23.5	95	96	73	65	80	90	83.2	1
27..	58.79	59.05	59.64	57.31	58.17	59.81	58.80	25.5	25.4	31.9	32.2	27.1	26.1	28	33.2	24.1	97	97	73	70	83	88	84.7	.3
28..	58.98	59.28	59.25	57.40	57.79	59.72	58.74	24	24.4	30.9	33	28	27	27.9	33.5	23.5	91	96	72	64	80	86	81.5	.....
29..	58.55	58.96	59.13	57.79	58.04	60.13	58.77	25.2	26.4	31.2	31.5	27.6	24.8	27.8	33.1	23.6	90	92	71	61	77	92	80.5	.....
30..	59.61	59.86	59.95	58.03	58.32	59.83	59.27	23.6	24.2	30.9	32	28.1	25.1	27.3	33.6	23	95	95	72	52	73	92	79.8	.....
31..	59.15	59.54	59.55	58.32	58.30	59.73	59.10	24.9	24.9	31	28.4	27.4	24.7	26.9	34.7	23.8	91	92	69	78	88	94	85.3	.3
Mean	58.10	58.43	59.04	57.21	57.58	59.13	58.25	24.5	24.6	29.7	29.9	27.2	25.4	26.9	32.1	23.4	93.2	95	75.5	72.7	83	91.3	85.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104.1

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	WNW	Calm	ESE	Calm	Calm	35.4	30.6	34.9	30.8	131.7	10	.....	N.-cf. NE	10	.....	Cu.-N.
2..	WNW	WNW	WNW	E	SSE	Calm	37.3	39.6	44.1	6.6	127.6	10	Ci.	Cu. ENE	10	Ci.	Cu.-N.
3..	Calm	WNW	Calm	ENE	Calm	Calm	20.4	39.4	41	14.8	115.6	10	Ci.-S. W	Cu.	10	Ci.	Cu.-N.
4..	WNW	WNW	SSE	SE	Calm	SE	34.3	43	72.4	38.9	188.6	10	Ci.-S. W	Cu.	10	A.-Cu. ESE	Cu.
5..	Calm	Calm	Calm	SE	Calm	Calm	23.3	31.2	41.6	25.5	121.6	10	.....	S.-Cu. SE	9	Ci.	Cu.-N.
6..	Calm	Calm	SE	ESE	Calm	WNW	11.9	30.8	59.5	23.6	125.8	4	Ci.	Cu.	10	.....	N.-cf. E
7..	Calm	Calm	Calm	ESE	WNW	Calm	22.2	27.1	38.6	24.1	112	10	Ci.-Cu.	Cu.-N.	10	.....	Cu.-N.
8..	WNW	Calm	ESE	SSE	Calm	Calm	25.5	24.6	36.8	17.7	104.6	10	Ci.-S.	N.-cf. E	10	Ci.-S.	Cu.-N.
9..	WNW	Calm	SE	SE	Calm	Calm	18.8	45.9	58.4	20.9	144	10	.....	N.-cf. SE	10	.....	Cu.-N.
10..	Calm	Calm	SE	ESE	ESE	Calm	12.1	39.6	70.2	23.9	145.8	10	Ci.	Cu. ESE	10	Ci.	Cu. E
11..	Calm	Calm	Calm	ESE	Calm	Calm	16.1	25.7	25.4	23	90.2	10	.....	N.-cf. ENE	10	Ci.-S.	Cu.-N.
12..	Calm	NE	ENE	E	S	Calm	40.2	29.3	37.2	17.7	124.4	10	.....	N.	10	.....	N.
13..	WNW	Calm	Calm	SE	Calm	Calm	25.2	19.1	36.2	21.4	101.9	10	Ci.-S.	N.-cf. ESE	10	.....	N.-cf.
14..	Calm	Calm	S	SE	Calm	Calm	13.4	33.5	57.1	7.4	111.4	10	Ci.-S.	Cu. E	10	Ci.	Cu. NE
15..	Calm	WNW	W	SE	Calm	Calm	28.8	40.2	26	18.2	113.2	10	Ci. NW	Cu.	10	.....	N.-cf. E
16..	WNW	WNW	WNW	WNW	Calm	Calm	42.4	43.5	34.6	20.6	141.1	5	A.-Cu.	Cu.	10	Ci.-Cu.	Cu.-N.
17..	Calm	Calm	Calm	Calm	Calm	Calm	30.1	30.1	32.5	11.5	104.2	6	Ci.	Cu.	10	Ci.-S.	Cu.-N.
18..	Calm	Calm	E	SE	SE	Calm	27.1	36.2	51.7	10.2	125.2	7	Ci.	Cu. E	10	.....	N.-cf. E
19..	Calm	Calm	Calm	SE	Calm	Calm	19.1	29.6	52.6	10.5	111.8	10	Ci.-S. WNW	Cu.	7	Ci.-S.	Cu.
20..	WNW	Calm	Calm	SE	NNE	Calm	35.2	32	56.8	17.2	141.2	1	Ci.	Cu.	2	.....	Cu.
21..	Calm	W	WNW	WNW	S	Calm	28.8	40	58.7	18.8	146.3	4	Ci.-Cu.	Cu.	5	Ci.-S.	Cu.
22..	WNW	WNW	Calm	NW	Calm	Calm	31.4	30.3	46.4	16.6	124.7	1	Ci.	Cu.	1	Ci.	Cu.
23..	Calm	Calm	E	NW	NW	Calm	20.6	22	58.5	10.3	111.4	4	Ci.	Cu.	10	Ci.-S.	Cu.
24..	Calm	Calm	ESE	Calm	Calm	Calm	4.2	24.9	38.9	9.5	77.5	2	Ci.	Cu.	10	Ci.	Cu.
25..	Calm	Calm	ESE	SSE	Calm	Calm	8.3	28.4	54.5	9.2	100.4	10	Ci.	Cu. SSE	10	Ci.-S. NE	Cu.
26..	Calm	Calm	SE	SE	Calm	Calm	4.2	38.1	47.7	9.7	99.7	10	Ci.	Cu. SE	10	Ci. NE	Cu.
27..	Calm	Calm	E	SE	Calm	Calm	9.5	35.7	54.9	16.9	117	8	A.-Cu.	Cu. SE	7	Ci.	Cu.
28..	Calm	Calm	E	SSE	SSE	Calm	23.9	30	62.6	17.4	133.9	1	Ci.-Cu.	Cu.	7	Ci.	Cu.
29..	Calm	Calm	SSE	SE	SE	Calm	13.2	59.5	86.3	19.5	178.5	10	Ci.	Cu. SE	8	Ci.-S. E	Cu.
30..	Calm	Calm	ESE	SE	SE	Calm	11.5	32.5	63.8	20.3	128.1	10	Ci.-S. ENE	Cu.	10	Ci. E	Cu.
31..	WNW	WNW	Calm	Calm	Calm	Calm	32.5	30.4	39.4	13.2	115.5	7	Ci.-Cu. E	Cu.	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	22.8	33.6	49	17.6	123.1	7.7	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,814.9	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.05	59.71	59.77	58.75	59.46	59.25	59.33	25	25.1	29	27.6	25.5	25.3	26.2	31.4	24	94	95	78	80	88	90	87.5	0.8
2..	58.37	59.03	59.56	57.92	57.88	59.27	58.67	24.9	24.1	25.2	29.4	27.1	24.6	25.9	30.4	23.5	92	95	93	75	83	92	88.3	7.2
3..	57.99	58.34	58.55	56.79	57.31	58.74	57.95	23.8	24 5	30.5	26.4	25.7	25	26	33.5	23	96	96	72	89	90	95	89.7	.8
4..	57.33	57.73	58.25	56.97	57.22	58.45	57.66	25	25	28.5	25.1	25.1	24.3	25.5	30.6	23.7	95	94	78	94	94	95	91.7	4.4
5..	56.64	57.45	58.03	56.54	56.96	58.13	57.29	23.7	24.1	29.4	27.1	26.3	24.5	25.8	30.7	22.7	96	96	75	84	85	92	88	.3
6..	56.49	56.70	57.40	55.91	56.52	58.40	56.90	24	24.4	30.2	30.9	26.6	24.5	26.8	31.9	23	96	96	70	68	80	92	83.7	.....
7..	57.68	57.80	58.49	57.05	58.20	59.93	58.19	23.6	24.4	31.4	31.9	27.7	24.6	27.3	33.1	22	93	92	67	62	76	93	80.5	9.4
8..	59.03	59.13	60.06	58.65	59.61	60.47	59.49	24.2	24.5	29.9	24.4	24.5	24	25.2	31.5	23.2	96	92	73	95	95	97	91.3	44.2
9..	59.43	59.29	60.75	59.53	59.22	59.96	59.70	24.1	24.4	25.5	26.3	25.3	24.6	25	26.6	23.4	95	95	95	86	93	94	93	5.3
10..	59.04	58.31	58.65	57.56	57.47	58.64	58.28	24.4	24.1	28.1	25.5	25.5	24	25.3	30.1	22.5	95	95	80	84	84	91	88.2	.....
11..	57.91	58.01	58.81	57.17	57.61	59.45	58.16	22.8	23.5	29.8	29.9	26.7	25.5	26.4	31	22	96	96	73	64	83	92	84	.....
12..	58.83	59.37	59.59	57.68	58.49	60.09	59.01	24.8	25.1	31	32	27.9	28	28.1	33.1	23.5	94	94	67	67	81	82	80.8	1
13..	59.08	59.40	60.04	58.60	59.36	60.53	59.50	26.5	25	31.1	29.1	26.8	25.4	27.3	32.7	24.3	92	95	75	76	86	93	86.2	.....
14..	59.22	59.48	59.70	58.17	58.55	59.83	59.16	25.1	24.9	30.9	29.8	27	25.7	27.2	33.4	24	92	94	66	77	86	92	84.5	3.3
15..	58.82	59.23	59.02	57.86	58.19	59.80	58.82	25.4	25.4	30	30	26	24.2	26.8	33.5	23.7	94	94	75	83	93	97	89.3	20.4
16..	59	59.50	59.90	58.31	58.62	59.71	59.17	25.7	25.4	31.1	31.5	27	25.4	27.7	33	24	97	96	72	73	86	93	86.2	.....
17..	59.10	59.29	59.86	57.69	59.02	59.57	59.09	24.8	25	31.1	26.5	24.4	24.1	26	33.4	23.4	96	92	71	85	93	95	88.7	7.1
18..	58.79	58.55	59.21	58.10	59.09	59.95	58.95	24.1	24.4	30.6	28.3	26	24.6	26.3	32.7	23.2	97	95	74	77	92	95	88.3	7.2
19..	58.99	59.19	59.71	58.30	58.51	59.82	59.09	23.8	24.3	30.6	29.4	27.5	26	26.9	32.2	22.9	96	95	74	78	87	92	87	3.8
20..	58.98	59.04	59.41	58.18	58.69	60.16	59.08	24.2	24.6	30.4	27.2	24.6	24.3	25.9	31.9	23	96	95	74	86	94	97	90.3	17.4
21..	58.60	58.56	59.36	57.41	57.64	59.17	58.46	23.3	24.5	27.1	28	26.1	25	25.7	28.6	22.8	97	96	82	82	90	95	90.3	.3
22..	58.08	58	58.45	56.56	57.20	58.99	57.88	24.4	24.1	30	30.1	27.8	25.6	27	32.9	23.5	96	97	75	71	83	87	84.8	.....
23..	57.87	58.04	58.62	56.67	57.05	59.05	57.88	24.9	24.6	31.1	31.6	27.5	25	27.4	33.2	23	92	96	69	65	84	92	83	.5
24..	57.82	57.94	58.07	56.05	56.35	58.12	57.39	24.9	24.9	31.4	31.9	28.1	24.7	27.6	32.9	23.9	93	94	71	67	80	92	82.8	20.6
25..	56.68	56.68	56.69	55.78	55.91	55.99	56.29	24.4	24.7	30	29.6	27.6	26.6	27.2	30.5	23.8	94	97	71	70	79	87	83	5.8
26..	53.65	54.08	55.25	53.67	52.60	53.50	53.79	26.9	25.4	24	24.1	25	24.6	25	27.5	23.4	81	90	91	91	88	87	88	49.6
27..	51.76	50.93	50.69	50.04	50.77	51.42	50.94	24	24.2	26.1	25.8	24.6	24.6	24.9	26.2	22.6	88	82	79	79	88	87	83.8	43
28..	50.35	51.22	52.24	51.16	51.36	52.92	51.54	24.8	25	26	27.6	27.9	26.5	26.3	28.1	23.6	85	83	79	68	65	74	75.7	.....
29..	51.73	52.51	53.24	52.50	53.73	55.53	53.21	25.5	26.6	30.2	29.5	27.5	26.5	27.6	31.8	24.7	74	72	65	67	73	81	72	.....
30..	55.42	55.60	56.26	55.25	56.42	58.06	56.17	25	24.9	30.9	30	27.6	25.7	27.4	31.9	23.4	83	84	67	73	87	92	81	.....
Mean	57.39	57.60	58.12	56.69	57.17	58.43	57.57	24.6	24.7	29.4	28.6	26.4	25.1	26.5	31.3	23.3	92.7	92.8	75	77.2	85.5	91.1	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	252.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	W	Calm	NE	Calm	Calm	32.7	33.8	41.8	21.1	129.4	4	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
2..	Calm	Calm	Calm	WNW	W	Calm	20.4	10.2	31.1	6.1	67.8	6	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
3..	Calm	WNW	Calm	E	Calm	Calm	23.3	25.9	41.3	17.7	108.2	8	Ci.	Cu.	10	.....	Cu.-N.
4..	W	WNW	Calm	W	Calm	Calm	34.1	22.3	24.4	12.9	93.7	10	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
5..	Calm	Calm	E	W	Calm	Calm	9.5	30	29.5	25.1	94.1	10	Ci. N	Cu.	10	.....	Cu.-N.
6..	Calm	Calm	ESE	SE	Calm	Calm	15.3	42.8	66.6	10.2	134.9	10	Ci.-S. NW	Cu.	10	Ci.-S.	Cu. S
7..	Calm	Calm	E	SSE	SE	ESE	11.8	32.8	54.2	32.2	131	1	Ci.	Cu.	9	Ci.-S.	Cu.-N.
8..	Calm	WNW	Calm	NE	Calm	Calm	24.1	27.9	38.3	16.9	107.2	7	Ci.	Cu.	10	.....	Cu.-N.
9..	W	Calm	S	Calm	Calm	NNE	30.1	26	18.3	21.4	95.8	10	.....	N.-cf.	10	.....	N.
10..	WNW	Calm	NW	NW	Calm	Calm	32.7	32.5	67	16.4	148.6	10	.....	N.-cf.	10	.....	N.
11..	Calm	Calm	E	Calm	Calm	Calm	12.3	29.2	20.6	13.1	75.2	10	A.-Cu. sw	Cu.	10	Ci.-S. NE	Cu.
12..	Calm	Calm	SE	SE	SE	ESE	12.4	37.2	72.9	69.4	191.9	10	A.-cu. ESE	Cu.	4	A.-Cu.	Cu.
13..	Calm	Calm	SE	SE	Calm	Calm	17.4	37.2	37	19.5	111.1	7	Ci.-Cu.	Cu. SE	10	Ci.	Cu.-N.
14..	WNW	WNW	Calm	E	Calm	Calm	32	29.6	26.8	14.7	103.1	9	Ci. E	Cu.	10	Ci.	Cu.-N.
15..	Calm	W	Calm	SE	Calm	Calm	42.3	29.3	46.9	10.8	129.3	10	Ci. E	Cu.	10	Ci.-S.	Cu.-N. ESE
16..	Calm	WNW	Calm	E	Calm	Calm	28.5	35.7	37.2	12.7	114.1	10	Ci. SW	Cu.	9	Ci.	Cu.-N.
17..	Calm	WNW	Calm	N	NE	Calm	21.7	39.2	44.5	12.1	117.5	2	Ci.	Cu.	10	Ci.-Cu.	Cu.-N.
18..	Calm	WNW	Calm	ESE	Calm	Calm	15.8	40.2	28.5	6.9	91.4	10	Ci. NW	Cu.	10	.....	Cu.-N.
19..	Calm	Calm	SE	Calm	Calm	Calm	11.6	34.6	16.4	10.7	73.3	10	Ci. WNW	Cu. ESE	10	Ci.-S.	Cu.-N.
20..	Calm	Calm	ESE	Calm	Calm	Calm	13.1	36.4	33.2	19	101.7	10	Ci.	Cu.-N.	10	.....	Cu.-N.
21..	Calm	WNW	Calm	Calm	Calm	Calm	15.6	26	22.2	21.2	85	10	.....	N.-cf.	10	A.-Cu.	N.-cf.
22..	Calm	Calm	Calm	SE	SSE	SE	22	23.1	60.6	30	135.7	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu. ENE
23..	Calm	WNW	SE	SE	SE	Calm	19.1	33.5	65.7	22.5	140.8	8	Ci.	Cu. ESE	2	Ci.	Cu.
24..	WNW	Calm	E	SE	SE	Calm	38	37	61.4	39.9	176.3	7	Ci.	Cu.	10	Ci. E	Cu.
25..	Calm	Calm	WNW	WNW	WNW	WNW	27.7	91.9	96.4	54.4	270.4	4	Ci.	Cu.	10	Ci.-S.	Cu. WNW
26..	WNW	W	WNW	WNW	WNW	WNW	108.1	97.4	152.1	150	507.6	10	.....	N.	10	.....	N.
27..	W	W	WSW	SW	SW	SW	125.5	75.9	71.8	91.4	364.6	10	.....	N.-cf. W	10	.....	N.
28..	SW	SSW	S	SSW	sbyw	S	95.3	102	97.6	84.2	379.1	10	.....	N.-cf. SW	10	.....	N.-cf. SSW
29..	S	sbyw	S	S	S	S	89.6	117.2	67.4	34.3	308.5	10	Ci.-S.	Cu. SSW	10	.....	N.-cf. SSW
30..	SSE	SSE	SSE	SE	Calm	Calm	31.9	72.4	39.9	14.5	158.7	10	Ci.-S.	Cu.	10	Ci.-Cu.	N.-cf. SW
Mean	.....	.....	.....	.....	.....	.....	33.8	43.6	50.4	30.4	158.2	8.4	.....	.....	9.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,746	....	.....	.....	....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.60	57.74	58.54	57.06	58.01	59.47	58.07	24.4	24.1	29	29.9	27.1	24.7	26.5	32.9	23.4	93	93	78	71	87	93	85.8	.....
2..	58.47	58.64	58.62	56.94	57.71	58.74	58.17	24.7	24.6	29.5	29.8	26.5	25.2	26.7	32.9	23.6	92	93	75	76	87	92	85.8	.....
3..	57.77	57.63	57.59	56.60	56.88	58.19	57.44	24.9	24.8	29.8	26.4	24	24.5	25.8	31	23.4	93	96	71	85	88	92	87.5	15.8
4..	56.58	56.28	56.39	55.02	54.81	57.08	56.03	25	25.1	29.9	29.4	27.5	24.5	26.9	30.8	23.7	83	88	70	71	80	93	80.8	5.6
5..	55.38	54.70	55.22	54.15	53.89	55.37	54.78	24.2	23.9	27.9	28.6	27	24.4	26	30.7	23.1	91	96	79	72	81	91	85	.5
6..	54.78	55.05	55.74	54.56	55.34	57.24	55.45	24.3	23.5	30.4	30.1	26.2	25.1	26.6	32.1	22	85	95	72	68	90	90	83.3	.3
7..	56.52	57.12	57.50	56.42	58.08	59.03	57.44	24.6	25.1	29.9	30.5	24	24.2	26.4	31.9	23.4	90	83	71	72	94	95	84.2	11.2
8..	57.09	57.54	57.56	56.19	56.32	56.66	56.89	24.7	25	27	28.9	26.9	24.9	26.2	29	23.5	84	80	77	71	87	92	81.8	.3
9..	55.98	56.19	56.41	54.87	55.10	56.11	55.78	24.4	24.3	31.1	29.9	27	24.7	26.9	31.4	23	91	90	61	67	84	92	80.8	.....
10..	55.70	55.93	56.14	55.03	55.66	56.93	55.90	26.7	25.5	31	31.4	28.8	25.7	28.2	33.1	24.4	72	80	59	57	69	82	69.8	.....
11..	56.37	56.85	57.35	56.18	56.41	57.52	56.78	25.8	24.6	31.4	31.4	29.2	27.2	28.3	33.5	23.6	79	88	57	55	64	80	70.5	.....
12..	57.56	58.09	58.32	56.96	57.25	58.72	57.82	25.8	23.2	31.3	33.9	30	26.1	28.4	35	22.6	76	94	64	46	60	84	70.7	.....
13..	58.25	58.29	58.31	56.99	57.70	58.74	58.05	23.6	23.9	30.6	32.1	27.4	25.6	27.2	33.1	22.9	95	93	65	59	83	87	80.3	2.1
14..	57.78	57.71	57.93	56.45	56.85	58.08	57.47	23.9	22.5	31.1	32	29	25.9	27.4	33.8	21.5	91	96	62	63	68	84	77.3	.....
15..	56.97	57.35	58.16	56.19	56.49	57.88	57.17	24.4	23.5	31.2	32.2	28.4	25.1	27.5	34.4	22.2	90	90	64	58	79	92	78.8	.....
16..	56.97	57.66	58.34	56.73	57.94	58.63	57.71	24.9	23.9	31	33	30.1	26.1	28.2	34	22.4	92	91	68	55	73	83	77	.....
17..	57.92	58.62	58.77	56.92	57.56	59.56	58.22	25.1	24.1	32.2	33.1	29.7	26.8	28.5	34	23.7	89	95	68	53	69	81	75.8	.....
18..	58.68	58.71	58.06	56.59	57.19	58.74	58	24.4	23.8	32.4	32.5	29	25.6	28	34.5	23	91	96	65	65	79	88	80.7	.....
19..	57.82	58.29	58.77	57.14	57.11	59.08	58.04	25	23.6	32.1	32	29.6	25.7	28	34	22.9	92	95	66	66	69	87	79.2	.....
20..	57.77	57.99	58.71	56.93	57.63	58.94	58	24.5	24	31.6	33	30	25.4	28.1	34.2	23	92	96	68	55	61	87	76.5	.....
21..	57.95	58.08	58.35	56.42	56.99	58.73	57.75	24.5	25	32.4	32.9	29.7	26.8	28.6	34.5	23.4	92	94	60	58	63	81	74.7	.....
22..	57.12	57.37	56.81	54.72	55.21	57.31	56.42	24.8	24.2	32.5	34.1	29.8	27	28.7	35.4	23.5	92	94	63	56	66	84	75.8	.....
23..	55.84	55.99	56.33	54.57	55.21	56.64	55.76	26	24.1	32.1	33	29.5	26.4	28.5	34.5	23.5	88	96	66	52	68	84	75.7	.....
24..	55.54	55.39	56.16	54.82	55.48	57	55.73	25.9	24.2	32	33	29.4	25	28.2	34	23.5	90	94	60	63	78	88	78.8	.9
25..	55.72	56.23	56.12	55.40	56.06	57.04	56.10	24.4	25.4	31.2	29.2	27.2	25.9	27.2	32.1	23.6	91	93	68	80	90	93	85.8	8.4
26..	56.60	56.74	56.80	55.26	56.10	57.33	56.47	24.6	25.4	30.6	28.5	28.5	26.5	27.4	33.4	23	95	93	73	85	77	82	84.2	1.3
27..	56.43	57.13	57.32	55.97	56.36	57.69	56.82	25	24.6	31	29.9	29	26.3	27.6	32.4	24.1	92	95	65	65	72	82	78.5	.....
28..	56.85	56.98	57.40	56.18	56.92	58.56	57.15	24.7	24	31.8	30.5	28	27	27.7	33.2	23.4	87	91	64	74	77	85	79.7	.....
29..	58.07	58.34	58.11	56.97	58.11	59.66	58.21	24.7	24	31.6	32.6	27.2	25.7	27.6	34	23.1	92	92	63	61	80	88	79.3	1.6
30..	58.93	58.73	59.50	58	58.79	60.13	59.04	26	25	31.4	32.5	27.6	25.8	28	34	23.6	92	97	63	55	80	88	79.2	.....
31..	59.68	59.96	60.69	58.74	59.11	60.42	59.77	25.1	25	31.9	33.8	27.8	25.9	28.2	34.6	23.9	92	95	67	57	83	88	80.3	.....
Mean	57.12	57.33	57.61	56.16	56.72	58.11	57.18	24.9	24.3	30.9	31.3	28.1	25.7	27.5	33.2	23.2	89.2	92.3	66.8	64.2	77	87.4	79.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WNW	WNW	SE	SE	Calm	Calm	21.5	33.3	26.2	15.5	96.5	10	A.-Cu. NE	Cu.	10	.....	Cu.-N.
2..	WNW	WNW	Calm	Calm	SSE	Calm	30	35.6	37.5	11	114.1	1	Ci.-Cu.	Cu.	9	A.-Cu.	Cu.-N.
3..	WNW	WNW	WNW	WNW	WNW	WNW	18.3	63.8	67.3	26.9	176.3	10	A.-Cu. ENE	Cu.	10	.....	Cu.-N.
4..	WNW	Calm	WbyN	WNW	W	Calm	56.9	67.9	84.5	31.1	240.4	10	A.-Cu.	Cu. NWW	10	Ci.-S.	Cu. WNW
5..	WNW	Calm	WNW	W	Calm	Calm	37.2	59.2	74.6	18.7	189.7	10	.....	N.-cf.	10	A.-Cu.	Cu. W
6..	W	Calm	SSW	SW	Calm	Calm	30.3	43.1	47.8	18.2	139.4	10	Ci.-S.	Cu. WSW	10	A.-Cu.	N.-cf. SW
7..	Calm	SSW	Calm	Calm	Calm	Calm	13.7	24.4	29	8.2	75.3	10	A.-Cu.	Cu.-N.	10	A.-Cu.	Cu. SW
8..	SW	W	WNW	WNW	Calm	Calm	50.5	63	59.7	12.9	186.1	10	.....	N.	10	.....	N.-cf.
9..	Calm	Calm	WSW	WNW	Calm	Calm	13.4	50.7	48.6	5.6	118.3	10	.....	N.-cf.	10	Ci.-S.	Cu. W
10..	SW	Calm	SW	SW	Calm	Calm	40.8	68.1	63.3	24.6	196.8	10	Ci.-Cu.	Cu. SW	10	Ci.	N.-cf. SW
11..	SSW	Calm	SSW	SSW	SW	Calm	21.5	61	51.8	37.8	172.1	10	Ci.	Cu. SW	10	Ci.-S.	Cu. SW
12..	SSW	Calm	SSE	WSW	W	WNW	17.2	43.3	55.5	24.1	140.1	10	Ci. E	Cu.	10	Ci.	Cu. W
13..	Calm	Calm	S	WSW	Calm	Calm	4.6	34	53.1	22	113.7	10	Ci.-S. NE	Cu.	9	A.-Cu.	Cu. WNW
14..	Calm	Calm	WSW	W	Calm	Calm	17.2	34.6	44	16.9	112.7	10	Ci. NE	Cu.	10	Ci.-S.	Cu -N. W
15..	Calm	WNW	SSE	SW	Calm	Calm	22.3	32.7	37	6.6	98.6	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
16..	Calm	Calm	E	Calm	Calm	Calm	17.5	34.4	34.3	18.5	104.7	10	Ci.-S. NE	Cu.	10	Ci.-S.	N.-cf. WSW
17..	Calm	Calm	E	WNW	SW	Calm	16.4	35.2	43	16.6	111.2	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
18..	Calm	Calm	E	E	Calm	Calm	3.4	34.8	42	10.3	90.5	10	Ci.-S. NE	Cu.	9	Ci.-S.	Cu. WNW
19..	Calm	Calm	E	ESE	Calm	Calm	6.6	29.6	47.3	13.7	97.2	9	Ci. ESE	Cu.	9	Ci.	Cu. SW
20..	Calm	Calm	E	ESE	WNW	Calm	4.5	34.9	39.7	16.7	95.8	10	Ci.-S. NE	Cu.	8	Ci.-S.	Cu. SW
21..	Calm	Calm	Calm	SSE	WNW	W	16.3	38.6	45.7	21.1	121.7	1	Ci.	Cu.	8	.....	Cu. WNW
22..	Calm	Calm	E	Calm	WNW	WNW	10.7	37.2	79.2	33.5	160.6	1	Ci.	Cu.	9	Ci.	Cu. W
23..	SW	Calm	ESE	WNW	WNW	Calm	15.9	31.1	107.8	54.4	209.2	10	Ci. NNE	Cu.	8	Ci.	Cu. W
24..	Calm	Calm	W	Calm	Calm	Calm	16.3	30.3	56.5	29.5	132.6	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
25..	Calm	Calm	SSE	Calm	Calm	Calm	5.9	29.5	20.7	9.9	66	10	.....	N.-cf.	10	.....	Cu.-N.
26..	Calm	Calm	E	Calm	WNW	WNW	8.3	43	32.2	56.1	139.6	10	.....	Cu.-N.	10	.....	Cu.-N.
27..	Calm	Calm	SSW	WSW	Calm	SSE	7	40.2	37.2	13.4	97.8	10	.....	Cu.-N.	10	.....	N.-cf. WSW
28..	SSE	Calm	SSE	SE	SE	SE	27.2	75.6	89	50.2	242	10	Ci.-S. E	Cu.	10	Ci.-S.	Cu.-N.
29..	Calm	Calm	SE	SE	Calm	Calm	11.5	56.5	48.3	23.6	139.9	10	Ci.-S. NW	Cu.	10	Ci.-S.	Cu.-N.
30..	WNW	Calm	SE	ESE	SE	Calm	24.9	34.8	60.9	23.8	144.4	10	Ci.-S. NE	Cu.	10	Ci.-S. NE	Cu.
31..	Calm	Calm	SE	ESE	Calm	Calm	12.9	40.2	48	24.1	125.2	10	Ci.	Cu. SE	10	Ci.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	19.4	43.2	52	22.4	137	9.1	.....	.....	9.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,248.5	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.98	59.67	60.19	58.85	58.56	60.08	59.56	25.1	24.9	31.5	30.9	27.6	26	27.7	33	23.3	93	94	72	69	80	87	82.5	.....
2..	59.03	58.81	59.75	57.48	58.70	59.85	58.94	24.4	23.6	31.8	32.9	25.5	25	27.2	34	22.6	93	95	69	60	92	96	84.2	10.2
3..	58.74	59.34	60.34	58.07	58.69	60.65	59.30	24.2	24.5	29.9	33	29.2	26.1	27.8	34.2	22.9	96	96	78	64	71	88	82.2	.....
4..	59.50	59.66	60.45	58.08	58.52	60.30	59.42	23.7	24	31.5	32.5	29.4	26.4	27.9	33.8	22.6	96	95	62	63	70	84	78.3	.....
5..	59.02	59.09	59.44	57.50	58.01	59.36	58.74	24	23.5	31.8	33.5	29.4	26.4	28.1	34.3	22.5	91	96	67	56	64	84	76.3	.....
6..	58.83	58.63	59.06	56.98	57.19	58.99	58.28	26.5	26.1	30.2	31.4	28.9	24.5	27.9	32.5	23.6	84	87	64	60	68	88	75.2	.....
7..	57.56	58.17	58.51	57.31	57.95	59.38	58.15	25.9	24.4	30	30.5	28.4	26.4	27.6	32.1	24	88	93	69	65	72	84	78.5	.3
8..	58.04	58.15	58.57	57.70	58.02	59.28	58.29	25.9	25.1	28.4	28.2	27.2	25.9	26.8	30.5	24.7	88	95	75	76	87	89	85	.....
9..	58.22	57.83	58.26	57.14	57.68	58.24	57.90	25.1	25.5	29	26.3	26.4	25.6	26.3	31.3	23.9	92	93	74	86	82	78	84.2	2.3
10..	56.92	56.83	57.88	56.40	56.42	58.39	57.14	25.9	24.9	28	26.6	25.6	23.3	25.7	29.4	22.7	76	88	74	83	87	91	83.2	19.9
11..	56.81	56.97	57.97	56.23	57.98	58.75	57.45	23.2	22.6	28.3	30.4	23.4	23.1	25.2	32.4	21.9	95	98	79	65	87	95	86.5	6.1
12..	57.51	57.52	58.23	56.71	57.55	59.07	57.76	22.6	23	29	30.8	26.9	25.1	26.2	32	21.6	95	95	79	71	82	90	85.3	1.5
13..	58.16	57.65	58.52	57.10	57.59	59.09	58.02	23.9	23.5	31.4	31.4	27.5	25.9	27.3	32.2	22.6	95	96	65	67	84	87	82.3	.....
14..	58.59	58.78	59.49	57.63	58.32	59.85	58.78	25.2	24.5	30.8	27.9	25.5	25	26.5	32.3	23.6	87	96	73	70	88	92	84.3	1
15..	58.70	58.88	59.35	57.91	58.64	60.26	58.96	24.1	24	29.5	26.1	25	24.3	25.5	31.4	23	96	92	74	92	92	95	90.2	25.7
16..	58.59	58.80	59.30	57.97	58.29	60.15	58.85	24	24	28.9	27	26.1	25	25.8	32	23.4	95	96	79	84	90	93	89.5	.....
17..	58.74	58.95	59.39	57.16	57.37	58.71	58.39	23.9	24	29.7	30	27.2	26	26.8	30.9	23	96	96	73	69	77	84	82.5	.....
18..	57.55	57.38	57.87	55.81	56.27	58.32	57.20	25.1	25.5	28	29	26.6	25.5	26.6	31.5	23.9	88	88	72	71	86	88	82.2	.3
19..	56.85	57.08	58.04	55.96	56.76	58.48	57.20	23.4	24.1	31.1	31.7	28.9	26.1	27.6	32.6	22.2	96	96	72	66	69	84	80.5	.....
20..	57.50	58.05	59	57.26	57.82	58.63	58.04	25.6	25.6	26.9	29.5	25.5	25.5	25.1	26.4	30.3	23.5	84	87	84	72	88	91	84.3	12.2
21..	57.63	58.14	58.87	57.31	57.36	58.78	58.02	24.4	24.1	29.4	29.4	27.1	26	26.7	31.3	23.5	95	92	75	78	87	89	86	2.1
22..	57.47	57.87	58.89	56.96	57.82	58.41	57.90	25	25.7	27.1	30.6	28.5	26.1	27.2	31.5	24.3	92	85	84	62	73	82	79.7	1.5
23..	57.44	57.24	58.54	56.90	56.57	57.71	57.40	25.6	24.4	26.6	29.5	25	26.1	26.2	29.9	23.7	88	95	84	71	84	84	84.3	.5
24..	56.80	56.54	57.11	55.39	55.75	57.34	56.49	24.6	24.2	29.9	32.4	28.5	25.1	27.4	33.3	23.4	94	95	75	56	67	91	79.7	.....
25..	56.87	56.84	57.39	56.26	56.73	57.87	56.99	25	24	30.5	30.7	26.4	25.4	27	34.6	23.1	92	95	72	70	89	92	85	5.6
26..	57.28	57.60	58.90	56.40	57.45	58.73	57.73	24.3	25.1	28.5	31.6	28.6	26.4	27.4	32.5	23.9	94	91	78	62	73	81	79.8	.....
27..	57.24	57.57	57.94	56.46	56.51	57.99	57.28	26	24.9	29.7	28.5	27.5	26	27.1	33.9	24	87	93	73	81	84	88	84.3	1
28..	57.18	57.39	57.91	56	56.72	58.44	57.27	24.3	24	30.6	27.9	27	25.6	26.6	32.9	23.5	93	96	74	84	89	90	87.7	5.3
29..	57.46	57.96	58.62	57.36	58.10	59.40	58.15	25.7	24.5	29.5	31.5	28.6	26.6	27.7	32	23.7	92	96	68	60	71	84	78.5	.....
30..	58.54	58.79	59.25	57.73	58.39	59.73	58.74	26.4	26.5	32.4	30.5	26	26	28	33.6	24.8	82	88	66	72	88	86	80.3	3.6
31..	58.54	58.30	58.80	57.35	57.93	59.73	58.44	26.6	25.1	30.6	25.6	26.4	25.9	26.7	34.6	24.5	84	91	65	92	92	84	84.7	15.7
Mean	57.98	58.08	58.77	57.08	57.60	59.03	58.09	24.8	24.5	29.7	29.9	27.1	25.5	26.9	32.3	23.4	90.9	93.2	73.2	70.9	81.1	87.7	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	ESE	SSE	Calm	W	10.2	28.2	35.2	30.3	103.9	10	A.-Cu.	Cu. SE	10	.....	Cu.-N.
2..	WNW	Calm	E	WNW	Calm	Calm	22.3	27.6	48.3	16.1	114.3	1	Ci.	Cu.	7	Ci.	Cu.-N.
3..	Calm	Calm	NNW	SSE	WNW	Calm	10.3	19.1	52.6	18.5	100.5	10	Ci.-Cu.	Cu. NNW	8	Ci.	Cu. WNW
4..	Calm	Calm	WNW	WNW	WNW	W	8.9	30.1	77.7	40.2	156.9	1	Ci.	Cu.	9	Ci.	N.-cf. WNW
5..	Calm	Calm	E	WNW	NW	Calm	7.8	30.8	65.5	51.8	155.9	10	Ci.-S. NE	Cu.	10	Ci.	Cu. WNW
6..	WNW	WNW	WNW	WNW	WNW	Calm	28.7	86.3	89.6	18.5	223.1	10	Ci.-S. ENE	Cu.	10	Ci.-S.	Cu. W
7..	Calm	Calm	WNW	WNW	W	WNW	19.8	54.4	84.3	25.4	183.9	10	Ci.-S.	N.-cf.	10	Ci.-S.	Cu.-N.
8..	Calm	Calm	NW	WNW	Calm	Calm	7.7	39.6	68.7	18.3	134.3	10	.....	N.	10	.....	N.
9..	Calm	Calm	WNW	WNW	WNW	WNW	22	58.5	80.5	56	217	10	.....	N.-cf. WNW	10	.....	Cu.-N.
10..	WNW	Calm	Calm	WNW	NW	NW	54.7	20.1	96.4	59.3	230.5	10	.....	N.-cf.	10	Ci.-S.	N.-cf. WNW
11..	Calm	Calm	S	SW	SW	Calm	13.4	31.4	56.9	15.9	117.6	10	.....	N.-cf.	10	Ci.-Cu.	N.-cf. SW
12..	Calm	SSE	SE	SE	SSE	SE	17.5	48	57.7	36.2	159.4	10	.....	N.	10	A.-Cu.	Cu. SW
13..	Calm	Calm	SE	SE	Calm	WNW	12.3	46.4	59.5	16.3	134.5	10	.....	Cu.-N.	10	A.-Cu.	N.-cf.
14..	WNW	Calm	E	NW	Calm	Calm	20.4	22.2	40.7	24.4	107.7	10	A.-Cu. E	Cu.	10	Ci.	Cu.-N.
15..	Calm	Calm	NW	SE	Calm	Calm	33.3	31.2	42.1	15.5	122.1	10	A.-Cu. ENE	Cu.	10	.....	Cu.-N.
16..	W	Calm	WNW	WNW	Calm	Calm	19.8	29	29	19.5	97.3	10	Ci.-Cu. NE	Cu.	10	.....	Cu.-N.
17..	Calm	Calm	WNW	WNW	WNW	NW	15.1	58.2	98.8	68.9	241	7	Ci.-S.	Cu.	10	Ci.	Cu. WNW
18..	Calm	WNW	WNW	WNW	Calm	Calm	42.4	65.4	51.5	11.5	170.8	10	Ci.-S. ENE	Cu.	10	Ci.-S.	Cu.-N. W
19..	Calm	Calm	SE	SE	WNW	Calm	7.8	25.1	61.7	30.1	124.7	10	Ci.-S. NE	Cu.-N.	10	Ci.-S.	N.-cf. WSW
20..	WNW	WNW	Calm	NW	Calm	NW	43.5	25.4	29.5	62.6	161	10	.....	N.-cf. W	10	.....	Cu.-N.
21..	Calm	Calm	Calm	SSW	Calm	WNW	13.5	23.6	35.7	25.9	98.7	10	.....	N.-cf. SW	10	.....	Cu.-N.
22..	Calm	WNW	Calm	WNW	WNW	WNW	36.8	69.8	123.1	49.9	279.6	10	.....	Cu.-N.	9	Ci.-Cu.	Cu. W
23..	Calm	Calm	NW	WNW	WNW	WNW	11.1	22.7	56.5	46.9	137.2	10	A.-Cu.	Cu. W	10	.....	N.-cf.
24..	Calm	Calm	E	W	SW	Calm	7.7	20.9	41	19.9	89.5	10	Ci.-S. ENE	Cu. W	10	Ci.-S.	Cu. W
25..	Calm	Calm	E	Calm	Calm	Calm	17.4	29.5	36.5	19.1	102.5	10	A.-Cu. W	Cu. WSW	10	Ci.-S.	N.-cf. W
26..	Calm	W	Calm	WNW	WNW	WNW	30	19.3	62 3	48.6	160.2	10	Ci.-S.	N.-cf.	10	A.-Cu.	Cu. W
27..	Calm	Calm	ESE	ESE	Calm	WNW	15.8	24.6	37.8	35.1	113.3	10	A.-Cu. N	Cu.	10	.....	N.-cf. WNW
28..	Calm	Calm	SE	S	Calm	W	32.4	26.6	35.1	37.8	131.9	10	Ci.-S.	Cu. W	10	.....	Cu.-N. W
29..	Calm	Calm	NW	WNW	WNW	Calm	18	59.8	103.5	22	203.3	10	.....	Cu.-N.	10	A.-Cu.	Cu. WNW
30..	WNW	Calm	ESE	SE	Calm	WNW	36	26	33.2	38.9	134.1	10	A.-Cu.	N.-cf.	10	.....	Cu.-N.
31..	WNW	Calm	E	SE	Calm	WNW	49.6	25.7	30	47.8	153.1	10	A.-Cu. WNW	Cu.	10	.....	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	22.1	36.3	58.7	33.1	150.3	9.3	.....	.....	9.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,659.8	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.07	58.39	59.40	57.34	57.97	59.83	58.50	24	24.8	30.6	30.9	29	25.1	27.4	33.8	22.9	93	90	72	72	72	92	81.8	.....
2..	58.65	58.58	59.39	57.12	57.71	59.24	58.45	24.9	25.1	30.6	32.2	28.6	27.2	28.1	33.1	23.3	93	91	63	58	73	79	76.2	.....
3..	57.92	57.73	58.35	56.15	56.49	57.72	57.39	25.9	26	31.9	31.5	28.5	26.5	28.4	32.4	24	85	89	55	56	70	81	72.7	.....
4..	56.42	56.13	56.87	54.70	54.67	56.30	55.85	23.7	24	31.1	31.9	29	27.6	27.9	32.4	23	94	93	63	61	67	70	74.7	.....
5..	54.86	55.39	56.33	54.18	54.59	56.05	55.23	27.1	27.1	30.6	33.4	28	28.6	29.1	35.1	26.2	72	72	64	54	73	60	65.8	.....
6..	54.95	55.42	55.88	55.11	55.70	57.03	55.68	28.2	27.6	33.1	30	28	25.1	28.7	34.5	24.5	69	71	55	67	74	83	69.8	1.3
7..	56.20	56.29	56.49	55.07	55.61	56.52	56.03	24.8	25.9	32	32.1	29.5	27	28.6	34.9	23.9	85	81	57	52	66	86	71.2	.....
8..	56.13	56.25	56.40	55.07	55.46	57.56	56.14	25.4	25.5	33.5	32.4	29	27.1	28.8	34.9	24	84	84	52	56	74	80	71.7	.....
9..	56.93	57.16	57.62	56.01	56.92	58.47	57.18	25.7	26	32.6	33.5	27.2	25.8	28.5	34.4	23.6	85	81	58	56	75	90	74.2	.....
10..	57.81	58.07	58.32	56.23	57.06	58.91	57.73	26	26.2	30.6	34.1	29	28	29	34.9	24.7	76	78	67	53	71	74	69.8	.....
11..	58.44	58.44	59.30	57.43	58.10	59.31	58.50	26.3	26.5	33	34.6	29.2	25.6	29.2	36	24.9	84	76	51	52	70	90	70.5	.....
12..	58.97	59.56	60.10	57.85	58.52	60.61	59.27	24	24.9	32.4	33.3	27.6	25.5	28	34.6	23.6	92	93	64	56	81	88	79	.....
13..	59.75	59.77	60.01	57.87	59.16	60.87	59.57	24.5	23.5	32.5	33.5	29.2	25.5	28.1	35.1	22.4	92	94	67	62	76	92	80.5	.....
14..	59.66	59.76	60.35	58.57	59.27	60.71	59.72	23.6	24.7	32.6	29.1	28.2	26.3	27.4	34.9	22.4	94	93	64	76	73	82	80.3	.....
15..	59.70	59.67	60.54	58.43	59.14	60.77	59.71	24.5	24.1	31.1	34.5	29.1	24.8	28	34.9	23.5	88	95	62	58	72	92	77.8	.....
16..	59.22	59.37	60.11	58.33	59.01	60.93	59.50	25	25	31.6	27.5	26.9	24.1	26.7	34.1	23.1	92	93	70	84	92	96	87.8	11.2
17..	59.90	60.52	60.96	58.44	58.85	60.42	59.85	25	24.9	32	28.5	28.1	26.1	27.4	34.4	23.4	96	96	70	73	79	92	84.3	.....
18..	59.45	60.15	60.86	58.73	59.32	60.83	59.89	25.5	24.6	31.9	26.7	26	24.1	26.5	34.6	23.4	93	95	67	86	92	95	88	28.2
19..	60.01	60.47	60.66	58.64	59.42	60.36	59.93	23.3	24.4	31.6	29.1	28	26.5	27.2	33	22.4	96	97	70	75	74	84	82.7	5.8
20..	58.95	59.28	58.72	56.57	56.79	58.45	58.13	25.4	25.4	29.1	31.4	26.2	24.6	27	31.5	23.3	82	93	75	64	84	92	81.7	8.3
21..	57.68	57.45	57.76	55.51	56.50	58.03	57.16	24.4	22.8	29.6	32.1	28.2	26.8	27.3	32.2	22	91	96	67	63	73	80	78.3	.....
22..	57.57	57.69	59.03	56.76	57.11	58.81	57.83	25.6	25	25.5	25.4	25.8	24.3	25.3	32.8	23.4	87	92	92	93	93	95	92	34.5
23..	57.98	58.14	58.52	57.09	58.02	59.41	58.19	25	23.6	30.1	26.5	26.7	25.7	26.3	32.4	22.9	96	98	77	87	89	88	89.2	1.8
24..	58.40	59.08	60.26	58.62	59.41	60.05	59.30	25	25	28.9	29.9	26	24.2	26.5	31.3	23.9	96	96	86	69	88	95	88.3	.....
25..	59.76	60.47	61.02	58.80	59.32	60.78	60.02	24.7	23.9	31.8	29.1	26.4	25.9	27	33.5	23	95	97	74	75	86	93	86.7	.....
26..	59.59	60.54	61.01	58.55	58.95	59.97	59.77	24.6	24.6	31.9	32.8	28	26.3	28	34.6	23.4	91	96	67	63	81	91	81.5	.....
27..	59.40	59.70	60.16	57.92	58.47	59.93	59.26	25.6	25.6	30.2	27	25.5	25.2	26.5	33	24.4	91	91	71	86	92	92	87.2	5.6
28..	58.77	58.63	58.70	56.05	56.92	57.88	57.82	25.1	25	30	30.9	26.6	26.3	27.3	32	24	92	95	71	65	89	90	83.7	5.7
29..	55.87	56.58	56.41	54.29	55.26	56.64	55.84	25.3	25.1	29.5	29.4	27	25.6	27	30.7	24.4	90	94	78	72	81	87	83.7	3
30..	55.38	55.37	56.36	54.37	55.26	57.22	55.66	25	25.5	29.6	31.1	28	28	27.9	32	24.4	92	88	73	69	79	68	78.2	.....
Mean	58.08	58.34	58.86	56.86	57.50	58.99	58.10	25.1	25.1	31	30.8	27.8	26	27.6	33.6	23.6	88.9	89.9	67.4	67.1	78.6	85.9	79.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105.4

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	WNW	Calm	S	N	Calm	15.5	31.1	48.9	12.9	108.4	6	Ci.	Cu.	10	Ci.	Cu.-N. W
2..	Calm	W	WNW	WNW	WNW	WNW	16.9	76.2	95.2	65.4	253.7	8	Ci. ENE	Cu.	10	Ci.-S.	Cu. W
3..	WNW	Calm	WNW	WNW	WNW	WNW	32	56	119.1	34.3	241.4	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
4..	Calm	Calm	SW	SW	SW	SW	13.1	31.1	45.4	43.1	132.7	10	Ci.-S. NE	Cu.	10	Ci.-S.	N.-cf. SW
5..	SW	SSW	SSW	SSE	SSE	SSW	40.7	43	58.1	67.9	209.7	10	Ci.-S.	N.-cf. SW	10	Ci.	Cu. SW
6..	SSW	SW	SW	WNW	Calm	Calm	67.1	85.9	67.8	21 5	242.3	10	Ci.-S.	Cu. SW	10	.....	N.-cf. WSW
7..	Calm	SW	WSW	WNW	W	Calm	25.2	52.6	89.6	11	178.4	10	ci.-cu. NW	Cu.	10	A.-Cu.	Cu. WSW
8..	Calm	Calm	SW	W	W	Calm	11.6	54.1	57.9	36.5	160.1	10	A.-Cu. W	Cu.	10	Ci.-S.	N.-cf. W
9..	Calm	Calm	SW	SW	SW	Calm	23.8	59.2	67.8	36.2	187	10	Ci.	Cu. W	10	Ci.-S.	Cu. WSW
10..	WSW	WNW	WNW	SSW	SSW	SW	30.6	42.3	57.6	38.1	168.6	10	A.-Cu. sw	Cu.-N.	10	Ci.	Cu. SW
11..	Calm	SW	SW	SW	WNW	Calm	27.9	50.2	50.7	17.2	146	10	Ci.-S. SE	Cu.	10	Ci.-S.	Cu. WSW
12..	Calm	Calm	E	SE	Calm	Calm	15.5	31.7	44.6	10.2	102	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
13..	Calm	Calm	ESE	S	WNW	Calm	2.9	34.6	64.4	7.8	109.7	10	Ci. NE	Cu.	8	A.-Cu.	Cu.-N. NW
14..	Calm	Calm	E	SSE	Calm	Calm	6.4	36.7	27.6	27.9	98.6	10	Ci.-S. E	Cu.	10	.....	Cu.-N.
15..	Calm	Calm	WNW	SSE	Calm	Calm	16.9	42.3	64.1	10.2	133.5	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu. W
16..	Calm	Calm	E	Calm	Calm	Calm	17.4	33.6	28.7	10	89.7	10	Ci. NE	Cu.	10	.....	Cu.-N.
17..	Calm	Calm	ESE	W	SSE	Calm	17.1	32.8	44.8	18.7	113.4	10	Ci. E	Cu.	10	Ci.	Cu.-N. W
18..	Calm	Calm	ESE	Calm	Calm	Calm	15.6	28.5	21.2	9.9	75.2	10	Ci.-S. NE	Cu.	10	Ci.-S.	Cu.-N.
19..	Calm	Calm	ESE	Calm	W	WNW	9.1	24.9	57.6	33.8	125.4	7	Ci.	Cu.	10	.....	Cu.-N.
20..	WNW	NW	NW	WNW	WNW	WNW	59	94.3	83.2	48.3	284.8	10	.....	N. NW	10	A.-Cu.	N.-cf. NW
21..	WNW	Calm	WNW	WNW	WNW	WNW	23.6	52.6	104.6	41.3	222.1	10	ci.-s. NNW	Cu.	10	Ci.	Cu. W
22..	Calm	Calm	S	SSE	Calm	Calm	20.3	27.6	39.2	2.4	89.5	10	Ci.-S.	Cu. NW	10	.....	Cu.-N.
23..	Calm	Calm	ESE	WNW	Calm	WNW	10.3	32	28.2	18.5	89	10	Ci.-Cu.	Cu. W	10	.....	Cu.-N.
24..	Calm	Calm	ESE	WNW	Calm	Calm	21.2	25.4	26.4	15.5	88.5	10	.....	N.-cf. W	10	.....	Cu.-N.
25..	Calm	Calm	Calm	NE	WNW	Calm	14.3	22.7	52.1	10.5	99.6	10	Ci.	Cu.	10	Ci.-S.	Cu.-N. E
26..	WNW	Calm	Calm	ESE	Calm	Calm	20.7	27.6	50.4	21.1	119.8	10	Ci. NE	Cu.	8	Ci.	Cu. E
27..	WNW	WNW	NW	Calm	Calm	WNW	31.2	51.8	31.6	25.1	139.7	7	Ci.	Cu.-N.	10	A.-Cu.	Cu.-N.
28..	WNW	NW	WNW	NW	NW	WNW	35.4	56.1	93.3	44.9	229.7	10	Ci. NE	Cu. NW	10	Ci.-S.	Cu.-N.
29..	WNW	Calm	WNW	WNW	WNW	Calm	46.9	45.9	61.5	30.8	185.1	10	.....	N.	10	.....	N.-cf. NW
30..	Calm	Calm	NW	W	Calm	SW	23.1	29.6	44.1	43.1	139.9	10	.....	N.-cf.	10	Ci.-S.	Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	23.7	43.7	57.5	27.1	152.1	9.6	.....	.....	9.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,563.5	....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.34	55.79	57.27	55.36	55.62	57.35	56.12	26.5	27.2	31.1	29.4	27.4	27.5	28.2	32.6	25.2	74	68	65	68	71	67	68.8	.....
2..	55.23	55.84	56.34	54.35	55.11	56.63	55.58	26.7	26.1	29.7	30	27.3	26.9	27.8	31.5	25.5	75	79	63	65	68	72	70.3	.....
3..	55.04	55.54	56.69	54.90	55.79	57.69	55.94	26.1	25.5	30	31	28.5	25.1	27.7	32	23.6	76	84	70	65	65	92	75.3	.....
4..	56.97	58.17	59.38	57.71	58.69	59.87	58.46	25	25.3	32.9	33.2	27.9	26	28.4	34.4	23.8	87	84	54	59	84	92	76.7	.....
5..	59.45	60.43	61.21	58.86	59.85	61.12	60.15	24.4	24.5	30.2	31	27	25.1	27	32.5	23	93	96	76	63	84	94	84.3	.....
6..	60	60.89	60.82	58.29	59.16	60.30	59.91	24.2	24	32.1	33	28.1	26.6	28	34.7	23	96	96	69	62	85	92	83.3	.....
7..	58.70	58.59	59.35	56.89	58.37	60	58.65	24.4	24.9	32	34	27.5	26.6	28.2	35.4	23.4	94	94	67	54	84	86	79.8	.....
8..	58.47	58.95	59.47	56.76	58.92	59.97	58.76	24.5	24.6	31.7	34	26.6	25.4	27.8	35	23.9	94	94	65	54	77	92	79.3	1.8
9..	59.02	59.05	59.72	57.36	58.11	59.28	58.76	24.9	24.6	30.1	30.7	28.1	25.6	27.3	33.7	23.4	93	95	71	64	80	91	82.3	2
10..	58.38	58.83	59.85	57.15	57.63	59.23	58.51	24.9	25.4	26	29.1	26.6	25.7	26.3	29.9	23.9	94	92	89	68	80	85	84.7	3.5
11..	58.17	58.81	59.10	56.79	57.90	59.07	58.31	25	24.6	28.4	30	25.5	25	26.4	30.9	23.8	88	94	75	65	92	90	84	2.6
12..	57.93	58.09	59.11	57.25	57.43	58.84	58.11	23.6	24.4	27.5	28.8	27	25.8	26.2	31	22.6	96	96	78	68	80	84	83.7	.....
13..	58.32	58.18	58.13	56.45	56.97	58.15	57.70	25.1	24.9	29.5	31.4	27.4	25	27.2	32	24.2	88	92	62	55	71	88	76	3
14..	57.03	57.08	57.32	55.74	55.45	56.17	56.46	24.9	24.4	29.4	27	25.9	26.2	26.3	29.8	23.9	92	93	71	77	82	82	82.8	.3
15..	54.69	55.30	55.76	53.80	54.31	55.59	54.91	26.2	25.6	29	30.5	27	25.1	27.2	30.9	24.4	79	85	74	69	83	83	78.8	.....
16..	54.48	55.77	57.44	55.54	56.42	58.27	56.32	24.8	26	29.1	28.2	26.6	24.5	26.5	31.7	23.7	83	85	76	76	80	93	82.2	.....
17..	57.40	58.09	58.99	56.27	57.04	59.42	57.87	23.5	24.1	31.4	32.3	27.8	24.1	27.2	33.1	22.5	96	93	71	66	83	95	84	33.8
18..	57.74	58.14	58.45	56.26	57.02	58.34	57.66	24	24	30.6	30.5	29	26.1	27.4	33.1	23.4	96	97	74	69	71	90	82.8	.....
19..	57.54	58.48	59.22	56.28	57.29	58.67	57.91	25.1	24.6	31.5	31.2	29.1	25.2	27.8	34.2	23.9	94	95	68	66	71	92	81	.....
20..	57.55	57.69	58.14	55.95	56.51	57.71	57.26	24.8	26.3	30.7	31.4	28	27.2	28.1	32.3	24.2	93	87	65	60	75	83	77.2	11.4
21..	56.12	56.93	57.17	55.31	55.57	56.57	56.28	25.4	25.4	28	27.4	25.5	25	26.1	28.4	24.4	88	94	80	78	91	90	86.8	1
22..	55.58	56.98	58.06	56.25	57	58.74	57.10	24.7	25.2	31.5	31.3	26.8	25.6	27.5	32	24.2	91	87	63	64	86	88	79.8	.....
23..	58.24	59.43	60.14	57.85	59.02	60.45	59.19	25.2	25.4	32	32.8	28	25.5	28.2	33.8	24.4	90	92	66	63	82	92	80.8	.....
24..	58.98	59.66	60.16	58.40	58.91	59.83	59.32	24.5	24	32.2	28.4	26.1	24.8	26.7	34.4	23.2	94	97	68	79	86	93	86.2	.....
25..	58.93	59.47	59.97	57.84	59.25	60.62	59.35	24.1	24.1	32.4	31.6	27.2	25.7	27.5	34	22.5	95	97	70	65	85	92	84	.....
26..	59.55	60.56	61.39	59.42	60.49	61.18	60.43	24.4	25.3	29.9	31.2	27.2	24.9	27.2	33	24	93	95	76	62	75	92	82.2	.....
27..	60.50	61.36	61.90	59.94	60.80	62	61.08	24.9	24.9	28.7	27	25.9	24.9	26	32.4	24	90	95	78	89	88	92	88.7	10.2
28..	60.48	61.02	61.48	59.45	60.23	61.23	60.65	24.4	24.3	31.9	27.6	26.1	25.5	26.6	33.1	23.4	96	94	66	84	92	89	86.8	11.2
29..	59.64	60.01	59.87	57.56	58.24	59.53	59.14	25	24.8	29.5	28.5	26.2	25.1	26.5	33.5	23.8	92	93	76	82	87	92	87	12.7
30..	58.39	59.11	59.85	57.74	57.97	60.03	58.85	25	24.9	31	29.6	27.1	25.1	27.1	31.4	23.9	95	96	73	77	87	95	87.2	.5
31..	58.83	59.67	60.89	58.83	59.16	60.78	59.69	24.8	24.8	28.7	28.4	26.5	25.4	26.4	30	24	95	96	79	83	87	93	88.8	9.4
Mean	57.83	58.45	59.12	56.99	57.75	59.12	58.21	24.9	25	30.3	30.3	27.1	25.6	27.2	32.5	23.8	90.3	91.5	70.9	68.4	81	88.7	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW	SW	SW	SW	SW	SW	37.8	75.4	55.7	53.6	222.5	10	.....	N.-cf.	10	.....	N.-cf. SW
2..	SSW	S	SSW	SSW	SSW	SSW	54.5	71.3	69	39.7	234.5	10	A.-Cu.	N.-cf. SW	10	A.-Cu.	Cu. SW
3..	SSW	S	SSE	S	SW	Calm	38.8	53.6	53.6	15.5	161.5	10	Ci.-Cu.	N.-cf. SW	10	A.-Cu.	N.-cf. SW
4..	Calm	Calm	SSE	SSE	SE	Calm	29.2	56.1	65.8	18	169.1	10	Ci.-S.	Cu. SW	10	Ci.	Cu. SSW
5..	Calm	Calm	SSE	SE	Calm	Calm	6.7	28.2	40	2.9	77.8	10	A.-Cu. E	Cu.	10	Ci.-S. NE	Cu.
6..	Calm	Calm	ESE	SE	Calm	Calm	9.5	22.2	51.5	14	97.2	3	Ci.-S.	Cu.	4	A.-Cu.	Cu.
7..	Calm	Calm	Calm	NNW	Calm	Calm	7.4	22.2	42.1	10.2	81.9	3	Ci.	Cu.	3	Ci.	Cu.
8..	Calm	Calm	E	NW	NW	Calm	12.9	25.9	56.1	26	120.9	9	Ci.-S. E	Cu.	7	Ci.	Cu.-N.
9..	WNW	Calm	NW	NW	NW	Calm	26.9	39.6	80.2	39.2	185.9	10	Ci. E	Cu.	10	Ci.-S. E	Cu.
10..	Calm	NW	Calm	NW	W	WNW	25.7	39.2	75.3	38.8	179	10	.....	N.	10	A.-Cu. E	Cu.
11..	WNW	Calm	NNW	NW	Calm	NW	29	55.8	47.2	34.1	166.1	10	Ci.-Cu.	N.-cf. N	10	Ci.-S.	N.-cf. NW
12..	Calm	Calm	NW	WNW	WNW	W	13.7	48.1	63.9	48.3	174	10	Ci.-S.	N.-cf. NW	10	Ci.-S.	N.-cf. NW
13..	Calm	WNW	NW	NW	WNW	WNW	39.7	76.6	101.7	35.7	253.7	10	Ci.-S.	N.-cf. NW	10	Ci.	Cu. NW
14..	Calm	Calm	WNW	WNW	WNW	WNW	30.9	52	81.3	77.5	241.7	10	.....	N.-cf. WNW	10	.....	N.-cf. WNW
15..	W	Calm	NW	Calm	Calm	SSE	34	21.5	14.5	37	107	10	.....	N.-cf.	10	.....	N.-cf.
16..	SSE	SSE	SSE	S	SSE	Calm	37.5	88.7	52.6	12.3	191.1	10	A.-Cu.	N.-cf. SW	10	.....	N.
17..	Calm	Calm	SE	SE	SE	Calm	10.2	74.8	86.1	34.1	205.2	10	Ci.	Cu. SE	10	Ci.	Cu. SE
18..	Calm	Calm	ESE	ESE	WNW	Calm	14	36	31.6	16.7	98.3	10	Ci.-S. ENE	Cu.	9	Ci.	N.-cf. WSW
19..	W	Calm	ESE	SSE	WNW	Calm	25.4	32.7	51.8	12.1	122	8	Ci. NE	Cu.	9	A.-Cu.	Cu. W
20..	Calm	Calm	WNW	WNW	WNW	WNW	20.4	68.1	116.1	65.8	270.4	10	Ci.-S.	N.-cf. W	10	Ci.	Cu. WNW
21..	WNW	WNW	WNW	WNW	Calm	Calm	53.4	64.4	50.4	13.7	181.9	10	.....	N.	10	.....	N.-cf.
22..	Calm	S	SSW	S	Calm	Calm	30.9	58.4	51	16.1	156.4	10	.....	N.-cf.	10	Ci.-S.	Cu. SSW
23..	Calm	Calm	ESE	SE	Calm	Calm	15.3	48.	50.1	8	121.4	10	A.-Cu.	N.-cf. S	3	Ci.-S.	Cu.
24..	Calm	Calm	S	E	Calm	Calm	5.3	33.2	31.7	11	81.2	4	Ci.-Cu.	Cu.	10	.....	Cu.-N.
25..	Calm	Calm	Calm	ESE	Calm	Calm	8.2	25.7	40.4	9.4	83.7	9	.....	Cu. SSE	4	A.-Cu.	Cu.-N.
26..	Calm	Calm	SE	SE	E	Calm	15.1	45.9	86.9	15.6	163.5	4	Ci.	Cu.-N.	10	Ci.	Cu. NE
27..	WNW	WNW	Calm	E	E	Calm	26	27.9	20.9	17.7	92.5	10	A.-Cu.	Cu. E	10	.....	N.
28..	Calm	Calm	ENE	NNW	Calm	Calm	18.3	33.6	35.6	21.7	109.2	10	Ci.-S.	Cu. ENE	10	.....	N.-cf. NE
29..	Calm	WNW	ENE	SSE	Calm	Calm	33.8	33.5	39.9	11.1	118.3	10	Ci.	N.-cf. NE	10	.....	N.-cf. NE
30..	Calm	WNW	SE	Calm	E	Calm	11.9	28.8	18.3	12.7	71.7	10	.....	N.-cf.	10	Ci.-S.	Cu.-N.
31..	Calm	Calm	E	Calm	Calm	Calm	17.9	23.6	22.2	18	81.7	10	Ci.	Cu. E	10	.....	N.
Mean	.....	.....	.....	.....	.....	.....	23.9	45.5	54.3	25.4	149.1	9	.....	.....	9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,621.3	.....	.....	.....	.....	.....	.....

TACLOBAN.

[ϕ=11° 15′ N; λ=125° 00′ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+ [a]							Air temperature. [a]									Relative humidity. [a]							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.65	59.81	60.12	57.84	58.71	60.02	59.36	25.2	25	31.1	33.1	27.2	25.1	27.8	34	23.5	95	93	68	56	76	92	80	1.5
2	58.88	59.19	59.95	57.71	58.54	59.76	59	23	24.5	27.5	27.9	25.4	24.6	25.5	30.4	22.8	95	95	84	86	92	92	90.7	18.3
3	58.85	59.47	60.27	57.79	58.22	59.22	58.97	23.7	24.6	31	30.5	27	25.5	27	32.8	23	90	90	68	63	77	88	79.3	.....
4	58.57	59.04	60.32	58.14	58.68	59.46	59.04	24.8	24.9	27	30.9	24.9	25	26.2	32.8	24.1	93	90	84	71	93	95	87.7	14
5	58.48	59.29	59.94	58.07	59.11	60.42	59.22	25.5	25.1	31.1	30.7	25.6	24.9	27.2	33	24.4	92	93	74	74	95	95	87.2	7.4
6	59.27	59.69	60.19	58.31	59.30	60.45	59.54	24	23.5	29.5	30.4	26.1	25.5	26.5	32.4	22.4	96	96	75	72	85	88	85.3	2.6
7	59.45	59.99	60.55	58.59	59.34	60.23	59.69	25	25	29	29.9	26.5	25	26.7	32.5	24	92	92	83	76	89	92	87.3	2.4
8	59.45	59.62	60.74	58.93	59.80	60.56	59.85	24.7	25.4	29	32	27.1	25.5	27.3	33.3	23.5	95	93	79	67	81	88	83.8	1.3
9	59.75	60.06	60.92	58.67	59.80	60.43	59.94	25	24.9	27	30.1	27.1	25	26.5	32	24	88	94	87	69	83	92	85.5	8.9
10	59.60	60.17	60.91	58.81	59.66	60.83	60	25.1	25	28.6	29.9	26.1	25.1	26.6	31	24.1	93	95	82	75	87	92	87.3	24.2
11	59.66	60.26	61.28	58.95	60.27	61.61	60.34	24.8	24.4	26.4	26.1	24.5	23.1	24.9	26.6	21.7	93	93	90	91	96	94	92.8	91.1
12	59.99	60.04	60.31	58.20	59.31	60.52	59.73	23.1	23.6	27.7	26.4	25	24.9	25.1	28.4	22.4	97	98	84	86	93	96	92.3	38.4
13	59.72	60.46	61.09	59.05	59.80	60.86	60.16	24.2	23.8	30.7	31	25.1	24.1	26.5	32.5	22.9	95	97	76	71	87	95	86.8	6.4
14	59.77	60.18	60.97	59.06	60.16	61.47	60.27	24.3	24	30.5	31.6	26	24.9	26.9	32.9	22.9	95	95	72	62	79	88	81.8	1.5
15	60.34	60.52	60.97	58.87	59.55	60.59	60.14	24.4	24.2	29.8	27.8	25.4	24.6	26	32.5	23.4	91	93	77	86	88	92	87.8	7.4
16	59.33	59.77	60.41	58.67	59.17	60.07	59.57	24.1	24.5	29.1	27.1	24.9	24	25.6	30.1	23.1	95	95	81	83	87	91	88.7	16.7
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.1
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.3
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.3
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.6
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.6
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.6
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.6
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.1
Mean	59.42	59.85	60.56	58.48	59.34	60.41	59.68	24.4	24.5	29.1	29.7	25.9	24.8	26.4	31.7	23.3	93.4	93.9	79	74.2	86.8	91.9	86.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	283.3

Day.	Wind.											Clouds. [a]					
	Direction. [a]						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	WNW	ENE	E	E	Calm	30.9	41.5	52.6	12.3	137.3	5	A.-Cu.	Cu. NE	8	Ci.	Cu. NE
2	Calm	WNW	Calm	S	Calm	Calm	25.1	34.1	26	14.8	100	4	A.-Cu.	Cu. NE	10	A.-Cu.	N.-cf. NE
3	WNW	NW	ENE	NE	Calm	Calm	37.8	39.7	49.4	23	149.9	10	.....	N.-cf. NE	4	Ci.-Cu.	Cu. NE
4	WNW	WNW	Calm	ESE	Calm	WNW	38	22.5	37.8	32.7	131	10	A.-Cu.	Cu.-N.	10	.....	Cu.-N. E
5	WNW	WNW	Calm	ESE	Calm	Calm	30.6	21.1	27.4	9.7	88.8	2	Ci.	Cu.	10	Ci.-S.	Cu.-N.
6	Calm	Calm	Calm	E	E	Calm	11.5	17.4	41.2	14.2	84.3	3	Ci.	Cu.	6	A.-Cu.	Cu. NE
7	Calm	N	Calm	ENE	Calm	Calm	23.9	25.7	45.7	12.3	107.6	8	Ci.-S.	Cu. E	10	.....	N.
8	Calm	WNW	E	NE	Calm	Calm	14.3	34.9	56.8	15.8	121.8	10	A.-Cu.	Cu. NE	8	A.-Cu.	Cu. NE
9	WNW	Calm	Calm	NE	ENE	Calm	28	27.4	47.5	15.6	118.5	10	.....	N.-cf. NE	10	Ci.	N.-cf. ENE
10	Calm	WNW	WNW	NE	Calm	Calm	38	38.8	29.2	19.8	125.8	10	Ci.-S.	N.-cf. NE	10	Ci.-S.	N.-cf. NE
11	NWW	Calm	Calm	Calm	Calm	WNW	26	18	27.4	33.5	104.9	10	.....	N.-cf.	10	.....	N.
12	Calm	Calm	Calm	N	Calm	Calm	26.8	27.9	23	17.9	95.6	10	.....	N.-cf. NE	10	.....	N.-cf. NE
13	Calm	Calm	NE	E	Calm	Calm	5.9	25.5	43.1	15.1	89.6	10	Ci.-Cu.	N.-cf. NE	10	Ci.-S.	Cu. ENE
14	Calm	Calm	NE	ENE	Calm	Calm	15.3	33.2	44	11.1	103.6	3	Ci.	Cu.	2	.....	Cu.
15	Calm	NNW	ENE	NE	Calm	WNW	14.7	30.3	41.8	26.2	113	2	A.-Cu.	Cu.	10	A.-Cu.	Cu. NE
16	Calm	Calm	Calm	NE	WNW	WNW	21.1	30.3	26	33.8	111.2	6	A.-Cu.	N.-cf. NE	10	.....	N.-cf.
17	.....	.....	.....	.....	.....	.....	12.9	19.9	34.6	26.9	94.3	....	.....	.....	....	.....	.....
18	.....	.....	.....	.....	.....	.....	43	59.5	13.1	33.6	149.2	....	.....	.....	....	.....	.....
19	.....	.....	.....	.....	.....	.....	31.2	26.4	32.2	17.5	107.3	....	.....	.....	....	.....	.....
20	.....	.....	.....	.....	.....	.....	40	38.1	33.8	19.1	131	....	.....	.....	....	.....	.....
21	.....	.....	.....	.....	.....	.....	25.1	30.6	21.1	22.3	99.1	....	.....	.....	....	.....	.....
22	.....	.....	.....	.....	.....	.....	13.4	29.3	35.7	11.3	89.7	....	.....	.....	....	.....	.....
23	.....	.....	.....	.....	.....	.....	24.1	21.4	56.9	15.3	117.7	....	.....	.....	....	.....	.....
24	.....	.....	.....	.....	.....	.....	23.6	37.8	40.8	23.1	125.3	....	.....	.....	....	.....	.....
25	.....	.....	.....	.....	.....	.....	24.6	27.4	32.2	16.7	100.9	....	.....	.....	....	.....	.....
26	.....	.....	.....	.....	.....	.....	25.9	28.2	22.5	13.9	90.5	....	.....	.....	....	.....	.....
27	.....	.....	.....	.....	.....	.....	24.1	22.7	68.6	18.5	133.9	....	.....	.....	....	.....	.....
28	.....	.....	.....	.....	.....	.....	29.5	30.6	22.7	22	104.8	....	.....	.....	....	.....	.....
29	.....	.....	.....	.....	.....	.....	34.1	35.2	25.5	32.2	127	....	.....	.....	....	.....	.....
30	.....	.....	.....	.....	.....	.....	33.2	29.8	33.2	19.3	115.5	....	.....	.....	....	.....	.....
Mean	.....	.....	.....	.....	.....	.....	25.8	30.2	36.4	20	112.3	7.1	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,369.1	....	.....	.....	....	.....	.....

[a] 16 days of observation only.

TACLOBAN.

[$\phi = 11°\ 15'$ N; $\lambda = 125°\ 00'$ E; barometer above sea, 3.3 meters; gravity correction not applied, —1.82 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm. + [a]							Air temperature. [a]									Relative humidity. [a]							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
3	58.69	59.27	60	57.59	58.37	59.13	58.84	25.4	25.7	26.7	26.1	25.7	25.1	25.8	29.6	24.5	85	84	82	86	82	93	85.3	22.4
4	58.48	59.15	59.82	58.10	59.02	59.77	59.06	24	24.3	28.6	29.5	25.9	25.5	26.3	30.9	23	97	95	82	77	93	96	90	19.4
5	59.27	59.41	60.88	59.39	60.05	60.71	59.95	25.1	24.8	27.2	29.9	25.5	26	26.4	30.1	24.3	96	97	81	65	82	82	83.8	18.1
6	60.67	60.62	60.70	59.65	60.92	61.23	60.63	24.9	25.2	27.6	29.7	25.5	25.7	26.4	30.7	24.2	83	78	74	63	78	76	75.3	.5
7	61.22	61.39	61.64	59.48	60.22	61.12	60.84	23.9	24.4	29	31	25.5	23.8	26.3	31.7	22.7	84	87	69	59	76	88	77.2	.....
8	60.84	60.87	61.56	59.39	61.01	61.58	60.88	23.1	23.2	28.4	31.1	25.1	24.3	25.9	32.2	22.3	90	88	69	56	87	89	79.8	.6
9	60.61	60.55	61.05	58.63	59.86	60.57	60.21	24	23	28.9	31.5	25.8	25	26	31.9	21.7	88	96	76	60	77	83	80	.....
10	60.02	60.18	60.37	58.56	59.23	59.54	59.65	23.9	24.3	28	28.8	25.5	22.1	25.4	30.3	21.3	91	84	70	75	83	94	82.8	15.5
11	59.13	59.29	59.67	57.94	59.08	59.48	59.10	23.2	23.6	25	27	25.4	24.2	24.7	28.4	22.4	95	97	93	90	95	96	94.3	29.7
12	58.34	58.68	59.14	58.08	58.79	58.66	58.62	24.3	24.5	26	24.8	24.3	24.4	24.7	27.3	23.5	95	95	89	92	97	97	94.2	27.2
13	58.34	58.36	59.09	57.61	59.13	59.68	58.70	23.7	24.1	28.5	27	24.5	23.8	25.3	31.2	23.1	97	97	84	89	96	97	93.3	3.1
14	59.53	59.63	59.98	58.25	59.38	60.04	59.47	23.7	23.6	29.4	28.1	25.5	24.8	25.8	30.2	23.2	97	98	79	88	92	95	91.5	4.4
15	59.97	60.13	60.50	59.20	59.67	60.72	60.03	24.6	23.9	30.1	28.8	25.6	25.5	26.4	32.6	23.1	93	97	73	71	81	81	82.7	.....
16	60.28	60.24	60.72	59.10	60.49	60.81	60.27	24	23.3	26.7	27.4	24.4	24.4	25	29	22.9	91	96	83	79	97	95	90.2	31.6
17	60.36	60.47	61.23	59.10	59.92	61.05	60.36	24.3	23.8	27.5	30.7	26	24.8	26.2	31.3	23.2	94	97	85	73	87	93	88.2	2.3
18	60.82	61.17	61.77	59.46	60.47	61.07	60.79	23.8	23	28.6	30.5	25.1	24.4	25.9	31.1	22.5	95	97	75	62	81	88	83	12.7
19	60.79	60.84	61.59	59.98	61.22	61.83	61.04	23.1	23.7	25.5	26.1	23.1	23.3	24.1	27.8	21.6	97	96	92	94	97	97	95.5	32.9
20	61.20	61.19	61.34	59.06	60.05	60.38	60.54	23.1	22.9	25.7	29.2	25.7	24.8	25.2	29.7	22.5	97	97	88	81	86	92	90.2	15
21	60.07	60.18	60.40	58.35	58.95	59.15	59.52	24.2	23.9	26.7	28.4	25.4	24.8	25.6	29	23.2	95	94	86	73	82	87	86.2	.5
22	58.64	58.71	59.67	57.51	57.82	58.59	58.49	23.3	23.6	27.1	26.7	25.5	24.1	25	28.5	22.7	94	92	81	82	84	95	88	1.3
23	57.09	57.26	58.40	56.81	57.47	58.09	57.52	24	25.2	26	27.3	25.6	24.7	25.5	27.8	23.2	95	85	78	72	82	91	83.8	.....
24	56.91	56.84	57.24	55.42	55.46	55.60	56.26	24.4	24.6	26.9	25.4	24.5	25.6	25.2	27.4	22.5	91	89	81	86	89	84	86.7	8.9
25	53.61	52.95	53.80	52.99	54.06	56.60	54	24.1	24.3	25.7	25.4	25.6	25.8	25.2	26	22.5	91	87	88	84	87	85	87	8.1
26	56.49	57.69	58.30	56.66	57.79	59.22	57.69	25.9	24.6	29.5	28.4	25.8	24.4	26.4	30.8	24	84	92	77	78	88	93	85.3	3.8
27	58.34	59.22	60.01	58.14	59.02	60.36	59.18	23.2	22.8	28.8	30.2	26.2	24.4	25.9	30.9	22.1	97	98	73	65	81	89	83.8	.....
28	59.89	60.19	61.28	58.49	59.32	60.17	59.89	23.9	22.8	27.9	30	25.2	23.5	25.6	31.5	22.4	91	97	74	70	92	96	86.7	1.3
29	59.92	60.34	61.26	59.21	59.92	60.88	60.26	22.9	21.1	28.6	30.2	26.2	24.4	25.6	30.7	20.7	96	96	78	70	88	91	86.5	.....
30	60.41	60.87	61.17	59.19	60.25	61.43	60.55	24	23.2	28.5	30	26	23.6	25.9	32	22.2	91	97	75	75	79	90	84.5	.....
31	60.43	61.18	62.33	59.60	60.56	61.57	60.94	22.6	22.2	27.7	30	25.7	24.2	25.4	32	21.4	92	98	75	67	82	95	84.8	.8
Mean	59.32	59.55	60.17	58.31	59.22	59.97	59.42	24	23.8	27.5	28.6	25.4	24.5	25.6	30.1	22.7	92.5	93.1	79.7	75.2	86.2	90.6	86.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	260.1

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	.....	.....	.....	.....	.....	.....	41.8	40.2	46.5	25.7	154.2	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	NNW	ESE	N	30.3	40.7	34.9	41.5	147.4	.....	.....	.....	4	Ci.	Cu.-N. ENE
3	N	NW	NNW	NW	NNW	N	56.3	70.5	67	118.5	312.3	9	Ci.	S.-Cu. NE	10	Ci.-S.	Fr.-N. NE
4	NNW	NW	WNW	Calm	Calm	Calm	78.6	48.6	14.5	7	148.7	8	Ci.-S.	Cu.-N. NE	9	Ci.-S.	Cu.-N. ENE
5	Calm	Calm	E	SE	Calm	N	11.6	34	31.9	31.9	109.4	10	.....	N.	4	Ci.-S.	Cu. NE
6	NW	N	SSE	SE	Calm	NW	35.6	34.9	41.3	33.8	145.6	5	Ci.-S.	Cu. NE	3	Ci.-S.	Cu.
7	NW	NW	NW	SE	Calm	Calm	55.5	43	41.6	19.6	159.7	2	Ci.	S.-Cu.	6	.....	Cu.-N.SSE
8	N	NW	N	E	NW	NW	35.1	47.8	37	35.4	155.3	7	Ci.-S.	Cu.-N. NE	4	.....	Cu.-N. NE
9	WNW	NW	N	NW	Calm	NW	50.2	41	34.6	35.7	161.5	5	Ci.	S.-Cu.ENE	7	Ci.	Cu.-N. NNE
10	Calm	NW	SE	SE	Calm	Calm	33.8	40.2	40.4	9.1	123.5	2	Ci.	Fr.-Cu.ENE	8	Ci.-S.	Cu.-N. E
11	NW	WNW	Calm	Calm	Calm	N	47.3	29.6	17.4	16.6	110.9	10	.....	N.	10	Ci.-S.	Cu.-N. ESE
12	NNE	Calm	NNW	Calm	Calm	NW	44.3	43.3	24.4	17.5	129.5	10	.....	N.	10	Ci.-S.	Fr.-N.
13	Calm	Calm	Calm	Calm	Calm	Calm	14.8	21.1	36.2	14	86.1	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. ENE
14	Calm	Calm	SE	SE	Calm	WNW	29	40.8	40.4	24.4	134.6	7	Ci.	S.-Cu. E	7	Ci.-S.	Cu.-N. E
15	Calm	WNW	Calm	E	Calm	NW	24.9	23	35.2	21.5	104.6	3	Ci.	S.-Cu.	4	Ci.	Cu.-N.
16	NW	WNW	NW	SE	NW	NW	37.2	38.1	26.9	32.2	134.4	3	.....	S.-Cu. NE	10	.....	N.
17	NNW	NW	NW	SE	Calm	Calm	23.3	23.1	26.4	14.7	87.5	8	Ci.	S.-Cu.	4	Ci.	Cu.
18	NW	Calm	Calm	SE	Calm	NW	23.9	18.7	41.5	34.3	118.4	8	Ci.-S.	S.-Cu.	4	Ci.	Cu.
19	NNW	NW	NNW	Calm	Calm	NNW	49.4	52.8	19.1	42	163.3	8	Ci.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NE
20	NW	Calm	NW	Calm	Calm	NNW	21.5	38.6	20.9	31.7	112.7	10	Ci.-S.	S.-Cu.	6	Ci.	Cu.-N. NE
21	NW	Calm	Calm	Calm	NW	NW	41.6	28.7	33.8	41.6	145.7	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Cu.-N. NNE
22	WNW	NW	NW	W	WNW	NW	37.3	60.6	68.6	75.9	242.4	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	N.-cf.
23	NW	NW	WNW	NW	WNW	WNW	81	99.2	112	110.5	402.7	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. N
24	WNW	WNW	WNW	WNW	WNW	WSW	90.1	119.7	140.6	151.5	501.9	10	Ci.-S.	Cu.-N.NW	10	Ci.-S.	Cu.-N. NW
25	SW	SW	SSW	S	SSE	SE	135.5	95	83.4	101.6	415.5	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Cu.-N. SSW
26	SE	SE	SSE	SSE	SE	Calm	75.4	55.8	63.4	14.7	209.3	4	Ci.	Cu.-N. SE	5	A.-Cu.	Cu.
27	Calm	Calm	S	SSE	Calm	WSW	18.5	24.7	46.7	12.3	102.2	2	.....	S.	2	.....	Cu.
28	SW	Calm	Calm	SE	Calm	Calm	17.7	11.8	31.2	5	65.7	3	.....	S.-Cu.	7	A.-Cu.	Cu.
29	Calm	Calm	Calm	SSE	Calm	Calm	2.4	19.9	59.5	15	96.8	3	.....	Cu.	2	Ci.	Cu.
30	Calm	Calm	WNW	SSW	Calm	Calm	16.1	30.1	42.4	11	99.6	2	Ci.	S.-Cu. NE	5	Ci.	Cu.-N. NE
31	SW	Calm	WNW	ESE	E	Calm	29	25.4	39.7	18.8	112.9	2	Ci.	Cu. NW	7	.....	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	41.6	43.3	45.1	37.6	167.6	6.5	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,194.3	.....	.....	.....	.....	.....	.....

[a] 29 days of observation.

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.74	58.86	59.97	58.33	59.04	60.09	59.17	24	24.5	26.6	25.4	23.6	23.7	24.6	28.2	23.3	93	90	84	91	97	97	92	21.4
2..	58.96	59.69	60.49	58.53	59.33	60.17	59.53	24	24.2	27.3	28.5	25.7	25.3	25.8	29.1	23.5	96	96	84	75	86	88	87.5	4.6
3..	59.54	59.44	60.68	58.74	59.05	60.47	59.65	24.6	24	26.9	26.4	25.4	23.6	25.2	27.8	23.1	89	94	82	84	87	95	88.5	22.1
4..	59.40	59.32	60.98	58.63	59.22	61.15	59.78	24	23.5	26.9	26.1	24.6	24.3	24.9	27.6	23	90	91	81	89	93	86	88.3	7.4
5..	59.79	59.69	60.98	58.98	59.36	60.40	59.87	23.9	23.6	25.5	25.5	24.6	24.4	24.6	26.9	23.1	95	91	84	85	82	76	85.5	.8
6..	59.59	59.72	61.25	59.11	59.53	60.54	59.96	24	24.2	26.1	26	24.6	23.6	24.8	26.7	22.3	81	78	71	75	81	90	79.3	26.4
7..	59.33	59.42	60.60	58.55	59.41	61.33	59.77	22.5	23.4	24.4	25	23.8	24	23.8	25.3	22.3	96	90	88	86	89	81	88.3	5.3
8..	60.64	60.69	62.07	60.19	60.78	62.51	61.15	23.3	23.5	24.8	24.9	23.4	23.4	23.9	26.2	22.1	84	76	78	77	80	77	78.7	2
9..	61.24	61.38	62.52	60.40	61.13	61.99	61.44	22.8	22.6	25.4	25.2	23.7	23	23.8	27.3	22.3	74	71	66	68	69	74	70.3	.....
10..	60.55	60.80	61.93	60.33	59.77	61.60	60.83	23	23.1	24.5	24	23.3	22.7	23.4	25.2	22.5	75	78	78	83	84	94	82	4.6
11..	60.38	60.82	61.79	59.77	59.93	60.94	60.60	22.9	23.3	26	25	23.7	24.1	24.2	27.3	22.4	95	93	84	92	91	91	91	3.8
12..	59.68	59.59	60.66	58.84	58.83	60.35	59.66	23.9	24	26.7	26.1	25	23.2	24.8	28.9	22.7	94	92	85	85	88	94	89.7	2.6
13..	59.08	58.96	60.34	58.44	58.57	59.02	59.07	23	23.6	26	26.2	24.4	24.5	24.6	26.5	22.7	95	93	85	81	88	89	88.5	.....
14..	58.75	59.42	60.73	58.78	59.27	60.78	59.62	24.8	24.3	25.8	25.8	23.9	23.9	24.8	27.7	22.9	89	91	89	88	97	93	91.2	26.7
15..	59.80	59.99	61.39	60.38	60.73	61.35	60.61	23.6	23.6	23.2	23.6	23.6	23.8	23.6	24.7	22.7	96	97	95	94	90	89	93.5	7.4
16..	60.60	60.56	61.27	59.34	59.84	60.82	60.40	23.1	23.3	24.9	24.9	24.3	24.1	24.1	25.6	22.6	91	88	80	82	85	84	85	.6
17..	60.02	59.74	60.35	58.50	58.95	60	59.59	23.7	23.6	25.2	25	23.6	22.9	24	27.3	22.5	85	85	80	79	90	91	85	1.6
18..	58.56	59.11	60.12	58.12	58.61	59.73	59.04	23	23.3	26.1	26.8	24.8	24.5	24.8	28.3	22.9	91	91	83	80	87	93	87.5	1.8
19..	58.41	58.50	59.46	57.70	58.74	59.98	58.80	24.2	24	26.1	27.6	24.6	24.8	25.2	28.6	23.4	92	92	88	81	94	92	89.8	.8
20..	58.80	58.87	60.48	58.49	58.82	60.22	59.28	24.5	23.7	27.5	27.4	23.6	24.3	25.2	29.1	23.3	92	96	79	78	96	87	88	16.2
21..	59.01	59.60	60.80	58.64	59.20	60.43	59.61	23.7	23.5	26	25.2	24.7	24	24.5	26.7	22.7	87	87	78	79	82	79	82	.....
22..	58.93	59.60	61.13	59.25	59.93	60.94	59.96	23.7	23.5	25.1	25.6	24.4	23.9	24.4	26.4	23.3	81	83	77	72	75	76	77.3	.....
23..	59.62	59.73	60.83	58.44	58.56	59.75	59.49	23.4	23.2	24.8	24.8	24.6	24.2	24.2	25.8	23	78	76	74	77	81	83	78.2	.5
24..	58.45	58.68	59.22	57.25	57.96	59.05	58.44	23.4	23.4	25	24.6	24.6	23.1	24	25.8	22.7	90	86	81	85	87	95	87.3	2.3
25..	57.66	57.77	59	57.50	58.21	59.65	58.30	23.3	23.7	24.3	23.7	23.5	23	23.6	25.7	21.9	94	90	90	92	86	83	89.2	3.6
26..	58.67	58.85	60.40	58.88	58.77	59.80	59.23	22	23	23.6	22.6	23.3	23.5	23	23.9	21.7	89	83	84	95	89	84	87.3	4.7
27..	58.57	58.70	60.08	57.90	58.37	59.72	58.89	22.5	22.6	23.8	24.5	23.9	23.8	23.5	25.8	22	90	91	86	78	81	81	84.5	.5
28..	58.67	58.78	59.72	57.71	58.06	59.41	58.72	23.5	23.5	25.6	24.5	23.9	23.9	24.2	26.1	22.8	83	83	76	81	82	81	81	.....
29..	58.61	58.55	60.08	58.21	58.64	59.82	58.98	23.5	23.1	26.5	25.1	24.1	23.7	24.3	27.6	22.7	79	82	71	75	86	87	80	.8
30..	58.73	58.21	59.78	57.58	57.94	59.58	58.64	23	23.2	25.5	26	24.8	23.3	24.3	27	22.4	90	90	80	78	84	97	86.5	35.9
31..	58.62	59	60.75	58.37	59.07	60.59	59.40	23	23	23.6	24.6	23.9	23	23.5	25.7	22.6	96	97	94	93	92	97	94.8	11.9
Mean	59.27	59.42	60.64	58.71	59.15	60.39	59.60	23.5	23.5	25.5	25.4	24.2	23.8	24.3	26.8	22.7	88.7	87.8	81.8	82.5	86.4	87.2	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	216.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction	Force.	Mean force.	Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	2	Calm	....	N	2	N	1	Calm	....	Calm	....	0.8	10	A.-S. NE	.....	10	Ci.-S.	Fr.-N. NNE
2..	Calm	....	Calm	....	Calm	....	N	2	Calm	....	Calm	....	.3	9	A.-Cu.	S.-Cu. N	5	A.-Cu.	Fr.-Cu. NNE
3..	Calm	....	Calm	....	N	2	N	2	Calm	....	N	2	1	5	Ci.	S.-Cu.NNE	10	Ci.-S.	N. NNE
4..	N	2	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	.3	10	A.-Cu.	S.-Cu.ENE	10	Ci.-S.	S.-Cu. ENE
5..	Calm	....	NNE	1	NNE	1	NNE	2	NNE	2	NNE	2	1.3	10	Ci.-S.	Fr.-N. NE	10	A.-Cu.	S.-Cu. NE
6..	Calm	....	Calm	....	NE	2	N	2	N	2	Calm	....	1	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	S.-Cu. NNE
7..	N	2	N	2	NE	2	NNE	2	NNE	2	NNE	3	2.2	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	N.-cf. NE
8..	NNE	3	NNE	3	NNE	2	Calm	....	NNE	2	NNE	2	2	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	cu.-N. NE
9..	NNE	2	NNE	2	N	2	N	2	N	2	N	2	2	7	Ci.-S.	Cu. NNE	10	Ci.-S.	S.-Cu. NNE
10..	N	2	N	2	Calm	....	Calm	....	N	2	Calm	....	1	9	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	N. ENE
11..	Calm	....	Calm	....	N	2	N	1	Calm	....	Calm	....	.5	10	Ci.-S.	Fr.-N.NNE	10	A.-S. NE	.....
12..	Calm	....	Calm	....	Calm	....	NNE	2	Calm	....	Calm	....	.3	10	Ci.-S.	Fr.-Cu.NNE	10	Ci.-S.	S.-Cu. NE
13..	Calm	....	NE	1	N	1	Calm	....	Calm	....	Calm	....	.3	10	Ci.-S.	Fr.-N.ENE	10	Ci.-S.	S.-Cu. ENE
14..	Calm	....	Calm	....	Calm	....	NNE	1	NNE	2	Calm	....	.5	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	N. NE
15..	Calm	....	NNE	2	NNE	2	NNE	2	NNE	2	NNE	2	1.7	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
16..	Calm	....	NNE	1	N	2	NNE	2	NNE	1	NNE	2	1.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
17..	N	1	Calm	....	N	2	N	2	N	2	N	2	1.5	10	Ci.-S.	S.-Cu. N	10	A.-S. NE	.....
18..	Calm	....	N	2	N	2	N	2	Calm	....	Calm	....	1	10	Ci.-S.	S.-Cu. N	7	A.-Cu. NE	Cu. N
19	Calm	....	Calm	....	N	2	N	1	Calm	....	Calm	....	.5	10	Ci.-S.	N.-cf. NE	10	A.-Cu.	Fr.-Cu. NNE
20..	Calm	....	N	2	NNE	2	N	2	NNE	3	Calm	....	1.5	9	Ci.-S.	S.-Cu.NNE	10	A.-Cu.	Fr.-Cu. NNE
21..	N	2	N	3	N	2	N	2	N	2	N	2	2.2	10	Ci.-S.	S.-Cu.NNE	10	A.-S.	.....
22..	N	2	N	2	N	2	N	2	N	3	N	1	2	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	S.-Cu. NNE
23..	N	3	N	2	N	3	N	2	N	3	N	3	2.7	10	Ci.-S.	S.-cf. NNE	10	Ci.-S.	S.-cf. NNE
24..	N	2	N	2	N	2	N	2	Calm	....	Calm	....	1.3	10	Ci.-S.	S.-cf. NNE	10	Ci.-S.	Fr.-N. NNE
25..	N	2	N	3	N	2	N	2	N	2	Calm	....	1.8	10	Ci.-S.	Fr.-N.NNE	10	Ci.-S.	N.-cf. NNE
26..	Calm	....	N	2	N	2	N	2	N	1	N	2	1.5	10	Ci.-S.	Fr.-N.NNE	10	Ci.-S.	N. NNE
27..	N	2	N	2	N	3	N	3	N	3	N	2	2.5	10	Ci.-S.	Fr.-N.NNE	10	Ci.-S. E	S.-Cu. NNE
28	N	2	N	3	N	3	N	2	N	1	Calm	....	1.8	10	Ci.-S.	S.-Cu.NNE	10	Ci.-S.	S.-cf. NNE
29..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	S.-Cu.NNE	10	A.-S.	.....
30..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	Fr.-N.NNE	10	A.-S. N	.....
31..	Calm	....	Calm	....	N	2	N	1	Calm	....	NNE	1	.7	10	Ci.-S.	N. NNE	10	Ci.-S.	Fr.-N. NNE
Mean	.....	0.9	.....	1.2	.....	1.6	.....	1.5	.....	1.2	.....	0.9	1.2	9.6	.....	.....	9.7	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.50	59.68	61.13	59.36	59.85	60.73	60.04	23.2	23.5	24.3	25.2	24.6	23.8	24.1	25.9	22.6	95	92	91	87	85	89	89.8	4.1
2	59.45	59.95	60.97	58.77	59.36	60.18	59.78	23.2	23	25.8	27.2	25.2	24	24.7	27.9	22.7	94	96	85	81	88	94	89.7	5.9
3	58.72	59.21	60.09	57.73	58.55	59.47	58.96	23.3	23.5	26.2	27.2	24.8	24.6	24.9	29.1	23	97	97	87	82	93	95	91.8	2.1
4	58.45	59.04	59.63	57.48	57.49	58.85	58.49	24	23.5	27	29.8	26.1	23.9	25.7	30.6	23.2	96	97	83	73	83	92	87.3	.....
5	57.84	58.62	59.78	57.13	57.49	58.39	58.21	23.1	22.3	28	29.5	26.3	24.2	25.6	30.5	22	95	96	78	75	83	92	86.5	.....
6	57.49	58.27	58.89	56.63	56.99	57.98	57.71	23.9	23	29.5	29.8	26.3	24.6	26.2	30.4	22.6	96	96	74	69	84	92	85.2	1
7	57.18	57.55	59.20	57.41	57.86	59.19	58.06	24.3	24.7	24.1	26.7	25.4	24.5	25	27.1	23.6	93	94	94	78	79	76	85.7	.3
8	58.60	59.23	60.63	58.84	59.30	60.70	59.55	23.8	23.6	25.5	27.5	24.7	23.9	24.8	28.3	23.3	78	78	73	65	75	79	74.7	.....
9	59.75	60.24	61 44	59.15	60.24	60.99	60.30	23.2	22.9	26.4	26.9	25	24.8	24.9	27.9	22.6	82	83	74	72	85	83	79.8	3
10	59.88	59.15	60.07	59.21	59.64	60.03	59.66	23.2	23.5	24.5	23 6	23.5	23.5	23.6	25	22.8	94	92	87	93	94	91	91.8	7.7
11	58.85	60.05	61.44	58.11	58.91	59.70	59.51	24	23.8	24.3	25.4	24.4	24.2	24.4	27.4	23.5	88	86	91	84	92	92	88.8	3
12	58.30	58.45	59.78	58.12	58.74	59.89	58.88	24.2	24	24.6	25.6	24.9	24.5	24.6	26.3	23.7	95	96	97	92	94	96	95	14
13	59.05	58.91	59.91	58.36	58.39	59.75	59.06	23.9	24.1	26.9	27	25.4	24.5	25.3	29.9	23.5	91	94	81	83	91	90	88.3	.....
14	58.76	59.02	59.97	58 02	58.18	59.33	58.88	23.2	23.7	27.2	28.8	25.9	25.5	25.7	30	22.7	95	96	79	73	87	92	87	.....
15	58.24	58.91	59.92	57.73	58.38	60.02	58.87	24.2	24.5	28.3	29.2	26	25	26.2	30	24	94	94	79	74	85	92	86.2	.....
16	59.30	60.23	61.43	59.43	59.71	61.32	60.24	24.2	23.7	27.9	28.5	26.3	24.9	25.9	30.2	23.5	95	96	82	74	84	92	87.2	2.8
17	60.28	60.92	62.38	59.72	60.42	61.80	60.92	24.1	24.2	27.3	27.6	24	24	25.2	28.5	23.6	95	91	78	79	94	91	88	2.1
18	60.60	60.95	62.19	59.87	60.69	62.34	61.11	23.4	22.9	25	25.2	22.7	22.7	23.6	26.6	22.3	91	92	77	73	91	85	84.8	.8
19	61.06	61.39	62.73	60.65	60.99	62.40	61.54	23.1	22 7	25.9	23.3	23.2	22.8	23.5	26.8	22	90	83	73	89	87	79	83.5	3.1
20	61.01	61.74	63 12	60.78	60.94	62.08	61.61	22	22.3	24.7	23.8	23.7	23.3	23.3	26.1	21.4	87	87	79	85	81	82	83.5	1.1
21	61.21	61.83	63.40	61.07	61.08	62.19	61.80	22.7	22.5	26.9	27.5	23.8	23.5	24.5	28.5	22.3	80	82	66	66	81	83	76.3	.3
22	61.44	62.14	63.33	60.86	61.20	62.97	61.99	21.5	20.1	27.4	28.1	24.4	23.7	24.2	28.9	19.8	91	94	68	66	74	73	77.7	.....
23	61.61	62.09	63.14	61.30	61.53	63.30	62.16	22.2	21.3	27	23	24	22.5	23.3	29.2	21.1	80	83	63	86	74	76	77	4.6
24	62.05	62.65	63.90	61.81	62.09	62.93	62.57	22.2	21.7	26.7	27.8	24.5	24.4	24.6	28.4	21.4	78	79	64	60	77	85	73.8	4.6
25	61.43	61.87	62.75	60.84	61.74	62.23	61.81	23.6	22.8	23.5	26.1	24.6	24.2	24.1	27.6	22.5	85	97	96	79	89	91	89.5	9.4
26	61.08	61.05	62.11	60.12	60.68	61.75	61.13	23.8	23.3	27.6	28	24.5	24.3	25.2	29.6	22.7	94	95	74	75	92	84	85.7	2.2
27	60.97	61.92	62.97	61.32	60.98	62.15	61.72	23	23.2	28	28.4	25.4	24.8	25.5	29.5	22.4	85	90	74	68	80	89	81	.....
28	61.50	61.55	62.17	60.16	60.58	61.69	61.28	25.9	23.6	28	29.1	25.8	25.1	25.9	30.1	23.4	88	92	71	68	82	88	81.5	.....
Mean	59.77	60.24	61.37	59.28	59.71	60.87	60.21	23.4	23.1	26.4	27	24.8	24.1	24.8	28.4	22.6	90.1	91	79.2	76.8	85.1	87.2	84.9	.....
T tal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	....	Calm	....	Calm	....	Calm	....	NE	2	Calm	....	0.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
2	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	S.-Cu. NE
3	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	A.-S. E	.....	10	Ci.-S.	Fr.-N. ENE
4	Calm	....	Calm	....	Calm	....	ENE	2	Calm	....	Calm	....	.3	9	A.-Cu.	Fr.-cu.ENE	2	.....	Fr.-Cu. E
5	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	S.-cu. ENE	5	A.-Cu. E	.....
6	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	S.-Cu.	1	.....	Cu. N
7	Calm	....	Calm	....	NNW	1	NNW	2	NNW	2	N	3	1.3	10	Ci.-S.	S.-cu. NNE	9	A.-Cu.	Fr.-Cu. N
8	N	2	Calm	....	N	2	NNW	2	N	2	Calm	....	1.3	10	Ci.-S.	S.-cu. NNE	2	Ci. E	.....
9	Calm	....	Calm	....	Calm	....	N	1	Calm	....	Calm	....	.2	4	Ci.-S.	Fr.-cu.NNE	10	Ci.-S.	S.-cu. NNE
10	Calm	....	Calm	....	N	2	NNE	3	NNE	2	Calm	....	1.2	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	N. NE
11	Calm	....	N	2	NNE	1	N	1	NNW	2	N	2	1.3	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	N.-cf. NNE
12	N	1	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	.2	10	Ci.-S.	Fr.-N. NNE	10	A.-S. NE	.....
13	Calm	....	NE	2	NE	2	NE	2	Calm	....	Calm	....	1	8	ci.-cu. ESE	Fr.-S NE	8	Ci.-S.	N. ENE
14	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.	Fr.-N. NNE	2	ci.-cu. ESE	Fr.-Cu. NE
15	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	9	Ci.-S.	Fr.-N. NNE	7	Ci.-Cu.	Fr.-Cu. NE
16	Calm	....	Calm	....	N	2	Calm	....	N	2	N	2	1	8	A.-Cu.	S.-Cu. NE	7	A.-cu. ENE	Fr.-Cu. NE
17	Calm	....	N	1	N	2	N	2	N	1	N	1	1.2	9	Ci.-S.	S.-Cu. N	9	Ci.-S.	Fr.-Cu. N
18	N	2	N	2	N	2	N	3	N	2	N	2	2.2	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-Cu. NNE
19	N	2	N	2	N	2	Calm	....	Calm	....	N	2	1.3	10	Ci.-S.	Fr.-cu.NNE	10	Ci.-S.	N. NNE
20	N	1	Calm	....	N	2	Calm	....	Calm	....	Calm	....	.5	10	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	cu.-N. NE
21	Calm	....	Calm	....	N	2	Calm	....	Calm	....	Calm	....	.3	10	Ci.-S.	S.-cu. NNE	7	Ci.-S.	F.-Cu. NNE
22	Calm	....	Calm	....	Calm	....	N	1	N	2	Calm	....	.5	5	Ci.-Cu.	Cu. NNE	4	Ci.-S.	Cu. N
23	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	N	2	.5	7	Ci.-S.	Fr.-cu.NNE	10	Ci.-S.	S.-Cu. NE
24	Calm	....	Calm	....	Calm	....	N	1	Calm	....	N	2	.5	3	Ci.-S.	S.-cu. NNE	7	Ci.-S.	Fr.-Cu NNE
25	Calm	....	Calm	....	N	2	N	2	Calm	....	N	2	1	10	Ci.-S.	N. NNE	9	A.-Cu. NE	Fr.-Cu. NNE
26	Calm	....	Calm	....	N	2	Calm	....	Calm	....	Calm	....	.3	5	A.-Cu.NE	Fr.-cu.NNE	7	Ci.-S.	Fr.-Cu. N
27	NE	1	Calm	....	N	1	NW	2	Calm	....	Calm	....	.7	2	A.-Cu.NE	S.-cu. NNE	3	.....	Fr.-Cu NNW
28	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	N	2	.3	5	Ci.	S.-cu. NNE	6	Ci.-Cu.	Cu. N
Mean	.....	0.3	.....	0.3	.....	0.9	.....	0.9	.....	0.6	.....	0.7	0.6	7.6	.....	.....	7.3	.....	.....

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	60.59	60.82	61.69	59.91	60.62	61.85	60.91	24	23.7	27.6	29.2	23.7	23.6	25.3	29.4	23.3	81	85	70	67	92	95	81.7	3.1
2	60.89	61.75	62.86	60.88	61.70	63.10	61.86	23.5	22.8	27.8	27.8	24.1	24.3	25	28.8	22.6	85	83	70	71	86	78	78.8	1.9
3	62.36	63.17	64.18	61.87	62.17	63.30	62.84	23	23.8	26.4	26.4	25.7	24.9	25	29.4	22.3	89	85	79	73	78	79	80.5	16
4	62.17	62.50	62.97	60.72	60.97	62	61.89	24	23.3	26.7	29.1	25.3	24.3	25.4	29.4	22.5	85	95	81	73	84	88	84.3	1.3
5	60.88	61.25	62.45	60.57	60.49	61.97	61.27	24.6	24.5	25.1	25.5	24.5	24.1	24.7	27.2	23.5	85	85	83	82	88	91	85.7	10.7
6	60.88	61.04	62.07	60.06	60.41	61.69	61.02	23	23.7	26.4	28.2	25	23.9	25	28.7	22.8	96	96	81	74	90	97	89	3.1
7	60.52	60.62	61.78	59.38	59.83	60.75	60.48	23.9	23.8	25.6	26.2	24	23.7	24.5	27.5	23.2	95	93	84	81	91	91	89.2	3.1
8	58.80	59.12	59.84	57.48	58.20	59.25	58.78	23.4	23.5	27.3	28.9	24.2	23.7	25.2	29	23.2	94	94	76	73	93	94	87.3	3.9
9	57.85	58.15	59.23	57.05	57.78	59.29	58.22	23.3	23.3	28	26.8	25.7	25.1	25.4	29.4	22.8	96	96	73	78	86	88	86.2	1
10	57.92	58.61	59.88	57.87	58.60	59.65	58.76	24.3	23.7	27.2	27	25.7	24.2	25.4	29.1	23.5	92	94	78	79	84	93	86.7	2
11	58.42	59.14	60.84	58.40	58.28	59.74	59.14	24.2	24	27.6	27	25.5	25.4	25.6	28.8	23.6	91	91	76	78	83	84	83.8	2.8
12	58.32	58.80	60.39	58.12	58.46	59.81	58.98	24.2	24.1	28.1	27.6	26	25.5	25.9	29.8	23.7	90	89	77	72	84	85	82.8	.6
13	58.29	58.82	59.89	57.96	58.02	59.58	58.76	24.5	24	28.5	29.5	26.2	25.7	26.4	30.5	23.8	92	91	74	69	81	87	82.3	10
14	58.70	59.44	60.58	58.47	58.48	59.56	59.20	24.9	24.1	29	29.7	26.4	25.6	26.6	30.2	23.8	94	97	76	73	84	88	85.3	.....
15	58.70	59.28	60.77	58.51	58.83	60.52	59.44	23.3	21.8	28.6	30.4	26.6	25.4	26	30.7	21.6	96	97	73	68	81	88	83.8	1.5
16	59.70	60.23	61.32	59.35	59.82	61.28	60.28	24.7	24.1	27.1	29.5	25.9	24.9	26	29.9	23.9	92	95	80	68	82	86	83.8	.5
17	60.35	61.04	62.13	60.45	61.16	62.59	61.29	23.7	23.2	28.2	29.2	25.9	24.8	25.8	30.2	23	91	90	73	68	83	84	81.5	2.3
18	61.67	62.08	63.31	61.09	61.38	62.94	62.08	24.2	23.7	27.9	27.9	26.1	24.2	25.7	29.1	22.9	84	85	91	69	77	83	81.5	.....
19	61.49	61.84	62.66	60.91	60.77	61.35	61.50	22.6	21.5	26.2	28.9	25.4	24.4	24.8	29.5	21.3	91	94	76	63	78	85	81.2	.....
20	60.39	60.74	61.91	59.41	59.41	60.52	60.40	23	22.6	28	29.3	25.3	23.2	25.2	29.7	22.4	89	90	63	64	77	90	78.8	.....
21	59.57	59.96	60.46	57.99	58.54	59.51	59.34	23.3	21.8	27.7	29.2	25.7	25.3	25.5	30.2	21.6	84	90	66	64	78	81	77.2	.....
22	58.57	59.46	60.92	58.63	58.99	60.99	59.59	24	23.5	27.1	29.3	26	23.7	25.6	29.7	23.1	88	90	74	64	78	94	81.3	9.7
23	59.39	60.12	60.58	58.47	58.43	59.29	59.38	23.7	24.2	28.4	28.5	26	23.8	25.8	30.1	23.1	95	91	71	73	80	91	83.5	.....
24	58.25	58.64	59.74	57.80	57.82	59.33	58.60	23	23.6	28.7	30.8	27.5	25.7	26.6	31.1	22.8	93	93	73	66	75	90	81.7	2
25	58.35	58.99	60.07	58.01	58.50	59.48	58.90	25.2	24.7	29.7	31.4	28	25.7	27.4	31.9	24.5	94	96	76	65	82	92	84.2	.....
26	58.61	59.10	60.28	58.50	58.61	60.36	59.24	24.7	24	29.7	32	27.2	26	27.3	32.4	23.8	94	97	75	69	84	88	84.5	.5
27	59.57	59.53	61.12	58.76	59.34	60.68	59.83	25.8	24	28	28.7	26.6	25.9	26.5	31.2	23.8	90	93	77	72	85	80	82.8	1.3
28	60.01	60.28	61.05	58.80	58.13	59.81	59.68	25.3	24.6	29.4	29.4	26.7	26	26.9	31.2	24.4	84	83	66	63	77	84	76.2	.....
29	59.20	59.64	61.32	58.65	58.78	60.54	59.69	25.4	24.8	29.9	31.1	27.2	25.6	27.3	31.3	24.6	86	87	71	66	78	80	78	.....
30	59.34	59.27	60.42	58.50	58.78	60.53	59.47	25.1	23.6	28.3	30.4	26.5	25.8	26.6	30.8	23.4	81	91	74	69	83	85	80.5	.....
31	59.34	60	60.42	58.40	58.83	60.31	59.55	25.2	24.7	29.6	30.6	27.5	26.1	27.3	31.4	24.5	89	88	73	69	84	84	81.2	.....
Mean	59.65	60.11	61.20	59.06	59.36	60.70	60.01	24.1	23.6	27.9	28.9	25.9	24.9	25.9	29.9	23.2	89.9	91.1	75.2	70.4	82.8	87.2	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77.3

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*			
1	Calm	.....	Calm	.....	N	2	N	2	Calm	.....	Calm	.....	0.7	3	.....	Fr.-Cu.	N	9	A.-Cu.	NE	.....
2	Calm	.....	Calm	.....	N	1	N	2	NE	2	N	3	1.3	1	Ci.	Fr.-Cu.	N	10	Ci.-S.		Fr.-Cu.	NNE
3	N	2	N	2	NNE	3	N	2	NE	2	N	2	2.2	10	Ci.-S.	N.-cf.	NNE	10	Ci.-S.		N.-cf.	NNE
4	NNE	3	N	2	N	3	N	2	N	2	Calm	...	2	10	Ci.-S.	Fr.-N.	NNE	7	Ci.-S.		Cu.	NNE
5	N	2	N	2	NNE	2	N	3	N	3	N	2	2.3	10	Ci.-S.	S.-Cu.	NNE	10	Ci.-S.		Fr.-N.	NNE
6	N	3	N	2	N	3	N	2	N	2	N	2	2.3	7	Ci.	Fr.-N.	NNE	10	A.-S.	NE	.....	
7	N	2	N	2	N	2	N	2	Calm	....	N	1	1.5	4	A.-Cu.	NE	S.-Cu.	NNE	10	A.-S.		.....	
8	N	3	N	3	N	3	NNW	3	NNW	3	NNW	2	2.8	10	Ci.-S.	N.	NNE	9	Ci.-S.		Fr.-Cu.	N
9	Calm	....	Calm	....	W	2	W	3	W	2	W	2	1.5	8	Ci.-S.	N	Fr.-N.	WNW	9	A.-Cu.	NW	S.-Cu.	WNW
10	W	2	Calm	....	WNW	2	NNW	2	NNW	2	Calm	....	1.3	10	Ci.-S.	N	Fr.-N.	WNW	9	A.-Cu.	NNE	S.-Cu.	N
11	WNW	1	WNW	1	WNW	3	NW	3	WNW	2	WNW	3	2.2	9	Ci.-S.		S.-Cu.	NW	10	Ci.-S.		S.-Cu.	NW
12	NNW	2	N	2	N	3	W	2	NW	2	N	2	2.2	7	Ci.		Cu.	NNE	8	A.-Cu.		Fr.-Cu.	WNW
13	Calm	....	Calm	....	N	2	N	2	Calm	....	N	2	1	3	.....		Cu.	NNE	3	Ci.-Cu.		Cu.	NNE
14	Calm	....	Calm	....	NW	2	NW	2	Calm	....	Calm	....	.7	5	A.-Cu.		S.-Cu.	N	4	.....		Fr.-Cu.	NNW
15	Calm	....	Calm	....	Calm	....	N	3	Calm	....	Calm	....	.5	1	.....		S.-Cu.		1	.....		Cu.	NNE
16	Calm	....	Calm	....	Calm	....	N	2	Calm	....	N	2	.7	8	Ci.-S.		S.-Cu.	N	1	.....		Fr.-Cu.	NNE
17	NE	1	Calm	....	NE	2	NE	2	NE	2	NE	2	1.5	5	.....		Fr.-Cu.	NE	3	A.-Cu.	E	Cu.	ENE
18	NE	2	NE	2	NE	3	NE	2	NE	2	NE	1	2	10	Ci.-S.		Fr.-N.	ENE	10	A.-Cu.	E	Fr.-Cu.	ENE
19	Calm	....	Calm	....	NE	2	N	2	Calm	....	Calm	....	.7	1	.....		Fr.-Cu.		1	.....		Fr.-Cu.	N
20	Calm	....	Calm	....	NNE	2	NNE	2	Calm	....	Calm	....	.7	1	.....		Cu.	NNE	1	.....		Fr.-Cu.	NE
21	NNE	1	Calm	....	NE	2	NE	2	Calm	....	N	2	1.2	2	A.-Cu.	ENE	Fr.-Cu.	NE	2	Ci.-Cu.		Fr.-Cu.	ENE
22	Calm	....	Calm	....	N	2	N	2	N	2	N	2	1.3	2	Ci.		Fr.-Cu.	N	1	Ci.		.....	
23	Calm	....	Calm	....	NE	2	NNE	2	Calm	....	Calm	....	.7	8	Ci.-S.		S.-Cu.	E	7	A.-Cu.	ENE	Cu.	NE
24	Calm	....	Calm	....	NE	2	NE	2	E	1	Calm	....	.8	10	Ci.-S.		S.-Cu.	ENE	1	Ci.-Cu.		Fr.-Cu.	ENE
25	Calm	....	Calm	....	NE	2	N	2	Calm	....	Calm	....	.7	9	Ci.-S.		S.-Cu.	NE	1	Ci.-Cu.		Cu.	NNE
26	Calm	....	Calm	....	N	2	NE	2	Calm	....	E	2	1	1	.....		Cu.	E	3	Ci.-S.		.....	
27	ENE	2	Calm	....	NE	3	NE	3	Calm	....	NE	2	1.7	5	A.-Cu.	ENE	S.-Cu.	NE	10	A.-S.	E	.....	
28	NE	2	NE	2	NE	3	E	2	E	1	ENE	3	2.2	9	A.-Cu.	E	Fr.-Cu.	ENE	10	Ci.-S.		Fr.-Cu.	ESE
29	ENE	2	N	2	NNE	3	NNE	2	NNE	1	NE	2	2	10	Ci.-S.		S.-Cu.	N	5	Ci.-S.		Cu.	NE
30	NE	1	Calm	....	NNE	2	N	2	N	1	NE	2	1.3	1	A.-Cu.	ENE	S.-Cu.	NE	6	Ci.-S.		Fr.-Cu.	NNE
31	NE	2	NE	2	NE	2	NE	2	NNW	1	N	2	1.8	6	Ci.		Cu.	NE	6	Ci.-S.		Fr.-Cu.	ENE
Mean	.....	1.1	.....	0.8	.....	2.2	.....	2.2	.....	1.1	.....	1.4	1.4	6	.....		.....		6	.....		.....	

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.05	59.41	60.22	58.28	58.38	60.08	59.24	25	25.1	30	30	26.6	26.2	27.2	31.6	24.7	91	89	70	73	80	86	81.5	.....
2	58.61	59.08	59.91	57.77	58.11	59.52	58.83	25.3	25.1	29	29.9	26.7	25	26.8	31.4	24.4	87	88	69	66	79	89	79.7	2.3
3	58.20	58.54	59.23	57.43	57.99	59.40	58.46	24.9	24.9	28	28.2	24.2	24	25.7	30.3	23.8	87	85	71	73	93	96	84.2	2.8
4	58.64	58.91	59.92	58.22	58.51	59.47	58.94	24.2	24.4	28.2	29.7	26.5	26.3	26.6	30.8	23.8	90	88	73	63	76	83	78.8	.....
5	58.49	58.62	59.88	58.10	58.09	59.69	58.81	25.2	24.5	29.3	30	27.3	25.5	27	30.4	24.3	78	82	66	65	73	88	75.3	.3
6	57.89	58.28	59.15	56.93	57.50	59.05	58.13	25.5	25.2	28.7	30.5	25.9	25.8	26.9	31.5	24.8	88	88	76	69	85	91	82.8	.8
7	57.68	57.96	58.73	56.61	56.92	58.49	57.73	24.9	24.7	28.8	30.9	26.8	24.9	26.8	31.4	24.2	95	93	74	65	81	89	82.8	.....
8	57.58	57.91	59.12	57.07	57.29	59	58	25.2	24.5	29.9	30.8	27.5	25.2	27.2	31.5	24.3	93	93	68	66	79	90	81.5	.....
9	57.98	58.50	59.48	57.38	57.44	59.42	58.37	23.8	23.5	29.3	30.6	27.4	24.9	26.6	31.1	23	96	96	70	67	76	90	82.5	.....
10	58.29	58.72	59.61	57.63	57.91	59.36	58.59	25.2	24	29.8	30.8	27.2	24.6	26.9	31.2	23.6	89	94	70	68	79	91	81.8	.....
11	57.96	58.31	59.27	57.03	57.21	58.10	57.98	25.2	24.8	28.9	30	26.8	26.5	27	30.8	24.3	88	89	65	60	73	78	75.5	.....
12	56.31	56.69	57.86	55.51	55.37	56.54	56.38	26	26.1	29.8	29	27.3	26.6	27.5	30.8	25.6	79	81	69	68	71	78	74.3	.....
13	55.58	56.08	57.32	55.47	56.12	57.95	56.42	25.8	25.2	30.2	31.2	28.1	24.5	27.5	31.5	24	81	83	65	65	71	87	75.3	.....
14	57.10	57.55	58.01	56.11	56.53	58.34	57.27	24.2	23	31.2	31.5	27.8	25.7	27.2	32.2	22.8	88	96	57	66	82	92	80.2	.....
15	57.64	57.90	58.62	56.66	57.17	58.65	57.77	24	24.3	30.7	31.3	27.4	26.1	27.4	32.1	23.5	96	96	71	66	81	85	82.5	.....
16	57.99	58.78	59.52	57.83	57.84	59.26	58.54	26.1	24.5	30.1	30.5	27.2	25.4	27.3	31.2	24.3	83	92	71	65	78	89	79.7	48.3
17	58.72	59.53	60.31	58.38	59.01	60.62	59.43	22.4	24.1	29.2	30.2	27.1	25.2	26.4	30.8	22.2	99	99	75	69	81	86	84.8	.....
18	59.72	60.40	61.28	59.77	59.98	61.44	60.43	25.2	25.1	29.2	30	27.1	25.1	27	31.2	24.8	82	83	66	65	76	87	76.5	.....
19	60.90	60.89	61.67	59.79	59.81	61.47	60.76	23.4	23.3	29.6	31.1	27.3	25.8	26.8	31.3	22.7	90	90	69	65	77	83	79	.....
20	60.36	60.70	61.62	59.58	59.87	61.17	60.55	24.8	25	27.9	29.3	27.1	25.3	26.6	30.1	24.5	80	80	72	66	73	90	76.8	.3
21	59.54	60.14	61.51	58.97	58.96	60.51	59.94	24.8	24.7	28.2	30.5	27.4	27	27.1	31.7	24.5	90	90	72	64	76	78	78.3	.....
22	58.69	58.98	60.29	58.10	58.54	59.75	59.06	26	25.3	30.8	31.1	25.5	25	27.3	31.8	23.8	89	93	71	69	79	83	80.7	.....
23	59.04	59.32	60.66	58.55	59.16	60.86	59.60	24.6	24.2	29.8	31.6	27.7	26.6	27.4	31.8	24	87	87	71	65	79	90	79.8	.....
24	59.92	59.84	60.97	59.32	59.42	61.11	60.10	25.9	25.3	30.3	31.5	28.3	27	28	32.5	25.1	93	93	73	68	79	83	81.5	.....
25	59.81	60.03	61.23	59.05	59.07	60.17	59.89	26.5	26.3	30.3	31	27.8	26.6	28.1	31.6	26.1	88	90	74	66	84	86	81.3	.....
26	58.63	59.05	59.81	58.06	57.81	59.57	58.82	26.6	25.6	30	29.7	27.4	25.7	27.5	31.2	25.3	90	93	73	77	83	90	84.3	.....
27	58.10	58.05	58.96	56.87	57.06	58.84	57.98	25.2	25.7	30.8	29.7	27.7	26.2	27.6	32.6	25	94	94	65	69	82	90	82.3	.....
28	57.83	57.84	58.57	56.88	57.26	59.24	57.94	25.5	25.7	30.8	27.7	27.9	25.3	27.2	31.3	25.1	93	93	71	82	71	90	83.3	.....
29	58.20	59	59.64	58.38	58.14	59.64	58.83	25.1	24.3	28.6	29.7	27.8	25.3	26.8	32.2	24.1	93	94	81	68	79	93	84.7	20.1
30	58.53	59.11	59.73	58.30	58.26	59.69	58.94	25.2	25.2	30.5	31.9	28.1	25.9	27.8	32.4	25	94	93	70	61	77	83	79.7	.....
Mean	58.43	58.80	59.74	57.80	58.02	59.55	58.72	25.1	24.8	29.6	30.3	27.2	25.6	27.1	31.4	24.3	89	90.2	70.3	67.3	78.4	87.1	80.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.9

Day.	Wind.													Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NE	2	N	2	NNE	3	N	2	N	2	Calm	....	1.8	3	A.-Cu. NE	Fr.-Cu.NNE	5	Ci.-S.	Cu. NNE
2	N	2	N	2	N	2	N	3	N	2	Calm	....	1.8	10	A.-Cu. NE	Fr.-Cu.NNE	7	A.-Cu. NE	Fr.-Cu.NNE
3	Calm	....	N	2	N	2	N	2	N	2	Calm	....	1.3	9	A.-Cu. NE	Fr.-Cu.NNE	10	A.-S. NE	.....
4	Calm	....	NNE	2	N	2	N	2	Calm	....	Calm	....	1	4	Ci.	Fr.-Cu. NE	3	.....	Fr.-Cu.NNE
5	N	2	N	2	N	2	N	2	N	2	N	2	2	0	Ci.	.....	2	Ci.-Cu.	Cu. NNE
6	N	2	N	2	N	2	N	2	Calm	....	Calm	....	1.3	3	A.-Cu.	Fr.-Cu.NNE	3	A.-Cu. NE	Cu. NNE
7	N	2	Calm	....	NE	2	N	2	Calm	....	Calm	....	1	5	.....	Cu. NNE	2	Ci.	Fr.-Cu.NNE
8	NE	1	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.8	3	.....	Cu. NE	1	.....	Cu. ENE
9	Calm	....	Calm	....	N	2	NNE	2	Calm	....	Calm	....	.7	4	.....	Fr.-Cu. E	1	Ci.-S.	Fr.-Cu.NE
10	Calm	....	Calm	....	N	2	N	2	Calm	....	Calm	....	.7	9	Ci.-S.	Cu. NNE	5	Ci.-S.	Fr.-Cu.NNE
11	Calm	....	N	1	N	3	NNW	3	NW	2	N	3	2	9	Ci.-S.	Fr.-Cu. N	9	Ci.-S.	.....
12	N	2	NNW	2	NW	3	NW	3	NW	3	WNW	3	2.7	10	Ci.-S.	S.-Cu. N	10	Ci.-S. NE	Fr.-Cu.NNW
13	WNW	3	WNW	2	WNW	3	WNW	3	WNW	2	Calm	....	2.2	10	A.-cu.NNW	Fr.-cu.NW	5	Ci.-S.	Cu. NW
14	Calm	....	Calm	....	W	1	NNW	2	Calm	....	Calm	....	.5	5	Ci.-S.	.....	4	Ci.-S.	Cu. N
15	Calm	....	Calm	....	NE	2	NE	2	NE	2	Calm	....	1	4	A.-Cu.	Cu.	3	Ci.-S.	Cu. ENE
16	NE	1	Calm	....	NE	2	N	2	Calm	....	Calm	....	.8	7	Ci.-S.	S.-Cu. NE	1	.....	Cu. NNE
17	N	2	Calm	....	N	2	NE	2	Calm	....	Calm	....	1	10	Ci.-S.	S.-Cu. NE	1	.....	Fr.-Cu.NE
18	NE	2	NNE	2	NE	2	NE	2	Calm	....	Calm	....	1.3	9	Ci.-S.	Fr.-Cu. NE	7	Ci.-Cu.	Fr.-Cu.ENE
19	Calm	....	Calm	....	NE	2	NE	2	Calm	....	NE	2	1	1	.....	S. ENE	2	.....	Fr.-Cu.ENE
20	Calm	....	N	2	NE	2	N	2	N	2	Calm	....	1.3	9	A.-Cu. NE	Fr.-Cu.NNE	8	A.-Cu. NE	Fr.-Cu.NNE
21	Calm	....	Calm	....	NE	2	N	2	Calm	....	N	2	1	8	Ci.-S.	S.-cf. NNE	1	Ci.-S.	Fr.-Cu.NNE
22	Calm	....	Calm	....	NE	2	NE	2	Calm	....	NE	2	1	7	Ci.-S.	Cu. E	6	Ci.-S.	.....
23	NE	2	Calm	....	ENE	2	ENE	2	ENE	1	Calm	....	1.2	3	Ci.-S.	Fr.-Cu.ENE	1	Ci.-S.	Fr.-Cu. E
24	Calm	....	NE	1	NE	2	N	2	Calm	....	ENE	2	1.2	2	Ci.-Cu.	Fr.-Cu.ENE	5	Ci.-S.	Cu. NNE
25	NE	2	NE	2	ENE	2	NE	2	Calm	....	Calm	....	1.3	9	Ci.-S.	S.-Cu.ENE	9	Ci.-S.	Cu. ENE
26	NE	2	Calm	....	NE	2	NE	2	Calm	....	Calm	....	1	9	Ci.-S.	Cu.	9	Ci.-S.	Cu. ENE
27	Calm	....	Calm	....	E	2	NE	2	Calm	....	Calm	....	.7	5	Ci.	Cu. ENE	9	A.-S.	S.-Cu.ENE
28	Calm	....	Calm	....	ENE	3	N	2	Calm	....	Calm	....	.8	7	Ci.-cu. SE	S.-Cu. ENE	8	A.-S.	.....
29	Calm	....	Calm	....	NE	3	NE	2	Calm	....	Calm	....	.8	8	Ci.-S.	Fr.-N. E	7	A.-S. E	.....
30	Calm	....	Calm	....	NE	3	ENE	2	ENE	1	Calm	....	1	4	.....	Cu. ENE	0	Ci.	.....
Mean	.....	0.9	.....	0.8	.....	2.2	.....	2.1	.....	0.7	.....	0.5	1.2	6.2	.....	.....	4.8	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.42	58.60	59.43	57.50	57.83	58.53	58.38	26.5	26.6	30.5	30.8	26.1	25.9	27.7	32.2	25.4	86	86	72	67	92	92	82.5	10.4
2	57.68	58.08	59.01	57.30	57.31	58.38	57.96	25.5	25.5	29.5	31.2	28	25.7	27.6	32	25.2	92	92	78	68	79	88	82.8	1.8
3	57.21	57.84	59.07	57.12	57.88	59.28	58.07	25.2	24.5	30.3	32.5	28	24.7	27.5	33	24.2	92	97	75	58	81	91	82.3	.3
4	58.01	59.08	60.26	57.86	58.41	59.91	58.92	25.3	25.3	29.8	32	28.5	26.1	27.8	32.8	24.5	93	92	73	62	68	91	79.8	.....
5	58.67	59.36	60.12	57.91	58.05	59.51	58.94	26.1	25.7	31	32.2	28.5	27.6	28.5	32.3	25.3	91	93	69	58	77	81	78.2	.....
6	58.22	58.58	59.31	56.75	57.23	58.86	58.16	26.4	26	30	32.6	28.9	27.5	28.6	33.1	25.6	86	89	74	59	71	84	77.2	.....
7	57.33	58.05	58.76	56.04	56.71	58.11	57.50	26.6	26	31.6	32.3	28.7	27.4	28.8	32.6	25.7	90	89	72	63	80	88	80.3	.....
8	56.69	56.44	57.98	56.07	56.34	57.45	56.83	26.2	26.4	30.7	29.4	27.8	26.3	27.8	31.7	25.6	90	89	71	73	82	92	82.8	2.8
9	56.30	56.53	57.47	55.41	56.57	58.26	56.76	25.6	25.2	30.6	31	28.2	25	27.6	31.5	24.3	93	96	78	74	84	93	86.3	28.8
10	57.63	57.64	58.76	57.23	57.62	59.32	58.03	24	24.3	30.5	30	27.5	25.2	26.9	31.3	23.8	97	97	74	80	84	93	87.5	.5
11	58.08	58.44	59.15	57.25	57.57	59.22	58.28	24.2	25.3	30.8	31.6	28.1	27.2	27.9	32.1	23.8	97	98	71	63	80	90	83.2	.....
12	58.12	57.83	58.88	57.58	57.53	58.69	58.10	26.8	26.5	31.1	30.5	27.5	25.8	28	32.1	25.4	89	90	71	72	84	91	82.8	3.3
13	57.63	57.70	58.70	57.26	58.14	59.52	58.16	25.5	25.2	30.6	31.7	27.8	27	28	32	24.9	93	94	72	67	81	86	82.2	.8
14	59.32	59.18	59.67	58.45	58.63	60.18	59.24	24.5	24.7	30.9	32.1	28.7	26	27.8	32.9	23.8	98	96	76	64	78	92	84	.....
15	59.21	59.77	60.21	58.16	57.95	59.66	59.16	26	25.1	31.5	31.7	27.9	26.5	28.1	32.7	24.9	89	92	68	60	77	89	79.2	.....
16	58.43	58.64	59.25	56.94	56.87	58.21	58.06	25.5	25.2	31.2	32	28.8	26.5	28.2	32.5	25	93	94	70	63	76	80	79.3	.....
17	57.08	57.28	58.01	55.87	56.16	58.02	57.07	26	25.3	30.3	32.7	29	26.8	28.4	33.1	24.9	88	92	70	59	74	90	78.8	14.7
18	56.83	57.45	57.95	56.44	57.06	58.69	57.40	25.5	25.5	30.4	31.7	28.9	27.2	28.2	32.6	25.2	96	95	74	62	78	89	82.3	.....
19	57.57	58.37	58.73	57.01	57.03	58.59	57.88	26.3	26.2	31.5	32.7	28.3	26.2	28.5	32.9	25.9	93	94	66	62	78	90	80.5	.3
20	57.92	58.45	59	56.89	56.67	58.37	57.88	26.7	25.9	31.4	33	29.3	26.2	28.8	33.3	25.5	89	92	64	54	72	90	76.8	.....
21	57.22	57.72	58.82	56.79	56.83	58.67	57.68	26	26.3	31.3	32.7	28.7	24.7	28.3	33.2	23.7	82	81	61	47	67	87	70.8	.....
22	57.71	58.35	59.12	57.46	57.29	58.84	58.13	23.2	22.5	31.8	32.3	28.6	24.4	27.1	33	22.2	94	94	67	59	66	88	78	.....
23	57.84	58.53	59	57.10	56.27	58.13	57.81	22.7	22.2	30.8	32.2	29	25.4	27	32.6	21.7	94	95	62	58	74	89	78.7	.....
24	57.50	57.85	58.43	56.25	56.06	57.79	57.31	24.1	23.4	31.5	32.9	29.3	26.3	27.9	33.3	23.1	92	95	65	59	70	87	78	.....
25	57.03	57.34	58.59	56.64	56.82	58.91	57.56	25.7	25.5	32.2	32.2	29.7	26.6	28.6	33	25.1	88	88	59	64	75	83	76.2	.....
26	57.95	58.30	58.95	57.23	57.50	59.22	58.19	26	25.5	31.9	32	29.3	27.4	28.7	34.1	24.9	86	87	64	71	72	84	77.3	.....
27	58.25	58.73	59.39	57.06	57.81	59.61	58.48	25.6	26	32.5	32.6	28.7	26.2	28.6	33.6	25.3	89	90	63	64	80	84	78.3	.....
28	58.90	58.60	59.14	57.31	57.98	59.08	58.50	25	25.2	30.9	32	30.3	26.8	28.4	33.6	24.6	94	94	69	63	65	84	78.2	.....
29	58.25	58.46	58.82	57.05	58.10	59.88	58.43	25.3	24.5	31.2	33.2	30	25.8	28.3	34	24	89	92	69	60	71	86	77.8	.....
30	59.04	59.72	59.57	57.33	58.02	59.82	58.92	25.1	24.8	32	31.8	29.6	26.4	28.3	33.6	24.6	92	92	62	61	74	89	78.3	.....
31	58.79	59.71	59.41	57.50	58.12	59.39	58.82	24.8	25.1	31.2	33.5	29.6	25.7	28.3	33.9	24.5	93	94	68	60	75	88	79.7	67.3
Mean	57.90	58.28	59	57.06	57.37	58.91	58.08	25.4	25.2	31	32	28.6	26.2	28.1	32.8	24.6	91.2	92.2	69.3	63	76.3	88	80	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	131

Day.	Wind.												Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NE	2	NE	2	NE	2	NNW	2	N	2	Calm	....	1.7	8	Ci.-S.	S.-Cu. ENE	1	Ci.-S.	Cu. N
2	NE	2	Calm	....	NE	3	N	2	Calm	....	NE	2	1.5	2	Ci.-S.	Fr.-Cu.ENE	8	Ci.-S.	Fr.-Cu.NNE
3	Calm	....	Calm	....	NE	3	E	2	Calm	....	Calm	....	.8	7	Ci.-S.	S.-Cu. ENE	3	Ci.-S.	.....
4	Calm	....	Calm	....	NE	2	ENE	2	Calm	....	Calm	....	.7	5	Ci.-S.	Fr.-Cu.ENE	7	Ci.-S.	Cu. E
5	Calm	....	Calm	....	NE	3	NE	2	Calm	....	NE	2	1.2	2	Ci.	Fr.-Cu.ENE	1	Ci.	Cu. ENE
6	NE	2	Calm	....	NE	3	NE	3	Calm	....	NE	2	1.7	5	Ci.-S.	S.-Cu. NE	2	Ci.-Cu.	Cu. ENE
7	NE	2	Calm	....	NE	2	NE	2	Calm	....	Calm	....	1	3	Ci.-S.	Fr.-Cu.ENE	5	Ci.-S.	Cu. ENE
8	Calm	....	NE	1	NE	3	Calm	....	Calm	....	Calm	....	.7	9	Ci.-S.	S.-Cu. ENE	9	A.-Cu.	E .....
9	Calm	....	Calm	....	NE	3	NE	2	Calm	....	Calm	....	.8	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Fr.-Cu.ENE
10	Calm	....	Calm	....	ESE	2	NE	2	Calm	....	Calm	....	.7	5	Ci.-S.	.....	8	A.-Cu.	E .....
11	Calm	....	Calm	....	NE	2	N	2	Calm	....	Calm	....	.7	4	Ci.-S.	Cu. ENE	8	Ci.-S.	S.-Cu. NNE
12	NE	2	NE	2	NE	3	NE	2	NE	2	Calm	....	1.8	10	A.-Cu.	.....	9	Ci.-S.	Fr.-Cu.ENE
13	Calm	....	Calm	....	E	3	E	3	E	3	E	2	1.8	2	A.-Cu.	E Fr.-Cu.NE	3	Ci.-S.	.....
14	E	2	Calm	....	NE	3	NNE	3	Calm	....	Calm	....	1.3	10	Ci.-S.	Fr.-S. ESE	2	Ci.-S.	Cu. NE
15	Calm	....	Calm	....	NE	3	NE	2	Calm	....	Calm	....	.8	2	Ci.-S.	.....	1	Ci.-S.	Fr.-Cu.ENE
16	Calm	....	Calm	....	NE	2	N	2	Calm	....	NE	1	.8	2	.....	Fr.-Cu. NE	1	Ci.-S.	Fr.-Cu.NNE
17	Calm	....	Calm	....	E	2	ENE	2	Calm	....	Calm	....	.7	5	Ci.	Fr.-Cu. E	1	Ci.-S.	Fr.-Cu. E
18	Calm	....	Calm	....	NE	3	NE	3	Calm	....	Calm	....	1	8	Ci.-S.	Cu. ENE	4	Ci.-S.	Cu. ENE
19	Calm	....	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.7	9	Ci.-S.	N.-cf. E	7	Ci.-S.	Cu. ENE
20	NE	2	Calm	....	NE	2	NE	2	Calm	....	Calm	....	1	3	A.-Cu.	Fr.-Cu.ENE	1	.....	Cu. ENE
21	NE	1	Calm	....	SE	2	NE	2	Calm	....	Calm	....	.8	5	A.-Cu.	Fr.-Cu. NE	5	Ci.-S.	.....
22	Calm	....	Calm	....	NE	1	N	2	Calm	....	Calm	....	.5	0	.....	.....	0	Ci.-S.	.....
23	Calm	....	Calm	....	NNW	2	NNW	2	NNW	1	Calm	....	.8	1	Ci.-S.	.....	1	Ci.-S.	Cu. N
24	Calm	....	Calm	....	N	2	NNW	2	Calm	....	Calm	....	.7	0	Ci.	.....	1	.....	Cu. N
25	Calm	....	Calm	....	NNW	2	N	2	Calm	....	Calm	....	.7	2	A.-Cu.	.....	1	Ci.-S.	Cu. NNE
26	SE	2	S	2	S	3	N	2	Calm	....	Calm	....	1.5	4	Ci.-S.	.....	7	.....	Cu.-N. NNE
27	S	1	Calm	....	S	2	NNW	3	SE	1	Calm	....	1.2	1	Ci.	.....	2	Ci.-S.	Cu.-N. N
28	Calm	....	Calm	....	S	2	NNW	3	NNW	2	Calm	....	1.2	9	Ci.-S.	.....	4	A.-Cu.	Cu. N
29	Calm	....	Calm	....	W	2	N	2	Calm	....	Calm	....	.7	1	Ci.	.....	1	Ci.-S.	Cu. NNE
30	Calm	....	Calm	....	NNW	2	NE	2	Calm	....	Calm	....	.7	5	Ci.-S.	.....	9	A.-S.	E .....
31	Calm	....	Calm	....	NNE	2	N	2	Calm	....	Calm	....	.7	6	Ci.-S.	Cu.-N. N	3	Ci.-S.	Cu. NNE
Mean	.....	0.6	.....	0.2	.....	2.4	.....	2.1	.....	0.4	.....	0.3	1	4.6	.....	.....	3.9	.....	.....

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	58.76	60.58	59.86	58.36	58.80	59.50	59.31	23.7	23.3	29.5	31.2	29	27.1	27.3	32.3	22.7	98	97	72	68	74	89	83	0.5
2	58.12	58.84	59.63	57.78	58.25	59.47	58.68	25.5	25.2	28	30.5	25.1	25.2	26.6	31.5	24.8	93	95	85	72	92	93	88.3	7.9
3	58.15	58.35	58.81	56.55	57.10	58.41	57.90	24.3	24.3	30	31.8	29.5	26.6	27.8	32.8	23.9	94	97	75	64	74	88	82	5.4
4	57.50	57.65	58.31	56.21	56.90	58.19	57.46	25	24.4	30.6	32.1	25.4	25.1	27.1	32.5	24.1	95	97	76	66	89	92	85.8	2
5	56.83	56.88	57.76	56.38	56.45	57.46	56.96	24.7	24.4	26	25.3	24.5	24.4	24.9	26.9	24.2	95	97	94	93	92	94	94.2	6.3
6	55.74	56.09	56.78	55.80	55.95	57.48	56.31	24.4	24.4	28.8	25	25.7	24.5	25.5	31.7	24.2	91	88	76	93	87	91	87.7	19
7	57	57.41	57.91	56.19	57.47	59.51	57.58	24.1	23.7	30	31.2	26	25.3	26.7	32.6	23.1	91	90	66	61	88	85	80.2	.....
8	58.83	58.85	59.78	58.81	59.20	60.72	59.36	24.6	23.4	30.7	27.9	24.2	23.4	25.7	32.5	23	89	96	65	75	94	97	86	6.4
9	59.04	59.01	59.90	58.95	59.43	59.95	59.36	23.2	23.2	30.6	30.3	24.3	23.7	25.9	32.1	22.9	97	97	70	72	89	94	86.5	.....
10	58.72	58.46	59.05	57.96	57.76	58.80	58.46	23.5	23.4	28	26.3	25.4	24	25.1	30.6	23.2	96	97	82	86	88	94	90.5	2.1
11	58.12	57.97	58.64	56.92	57.38	59.43	58.08	23.7	23.5	29	30.5	27.1	25.3	26.5	30.7	23.3	94	93	72	68	87	93	84.5	4.3
12	58.19	58.67	59.10	57.35	57.88	60.17	58.56	24.1	24	30.3	31.4	28	26.2	27.3	32.5	23.2	95	96	70	71	80	91	83.8	.....
13	58.88	59.30	59.71	57.96	59.18	60.20	59.20	25	24.4	31.5	32.2	23.9	24.1	26.8	33.3	23	92	94	63	70	96	96	85.2	29.2
14	59.26	59.62	59.38	57.99	58.42	59.32	59	23.6	23.5	29.7	32.5	29.1	26.5	27.5	33	23.1	97	97	77	70	72	91	84	9.4
15	58.68	59.16	58.98	57.61	57.84	59.43	58.62	24.1	24.4	31.2	31.9	29.5	27	28	32.8	23.5	97	96	73	67	72	90	82.5	.3
16	58.65	59.52	59.93	58.14	58.17	59.33	58.96	25.6	25.5	30.3	30.8	28.6	26.8	27.9	32	24.5	93	88	73	71	83	90	83	.....
17	58.88	59.39	59.88	57.77	57.87	59.06	58.81	25.4	24.8	30	30.5	29	26.6	27.7	32.4	24.4	93	96	75	68	76	89	82.8	19.6
18	58.58	58.75	59.36	58.07	58.68	59.31	58.79	24	24.5	27.9	26.8	27.3	25.4	26	29.1	23.6	98	96	80	91	86	94	90.8	2.5
19	58.70	58.95	59.52	57.71	58.40	59.54	58.80	24.5	24.1	30.7	32.4	29	26	27.8	33.2	23.9	96	96	73	67	74	95	83.5	.6
20	58.70	58.93	59.55	57.68	58.08	59.31	58.71	25.7	24.6	30.8	30.7	28.7	26.5	27.8	31.7	24.4	95	95	74	70	74	90	83	1.9
21	58.12	58.23	59.32	57.16	57.52	59.06	58.24	26	25	25.4	30.6	27.7	24.7	26.6	32.2	24.5	94	95	91	76	84	91	88.5	3.6
22	57.78	57.88	58.65	56.63	57.06	58.61	57.77	24.5	24.9	28.5	31.4	27	25	26.9	31.6	24.3	97	96	80	70	82	93	86.3	16.2
23	57.75	57.71	58.48	56.47	56.66	58.85	57.65	24.5	24.3	28.5	32	28.6	25	27.2	32.8	24	96	96	78	69	79	92	85	.....
24	57.48	57.96	58.08	56.01	56.45	58.42	57.40	24.4	23.8	30.3	32.1	29.1	25.6	27.6	33.2	23.5	95	96	72	66	76	85	81.7	.....
25	56.89	57.24	57.51	56.06	56.12	56.94	56.79	23.9	23.7	30.5	31.1	27.2	25.2	26.9	32.1	23.4	92	94	60	64	81	88	79.8	.....
26	55.25	54.26	55.89	54.57	54.39	55.15	54.92	24.3	25.7	26.3	28.9	27	26.3	26.4	29.1	23.6	93	86	87	74	75	78	82.2	3.1
27	53.55	53.02	53.17	51.54	51.50	52.51	52.55	24.4	23.6	25	26	24.9	23.8	24.6	26.5	23.4	91	95	88	80	89	93	89.3	20.1
28	50.94	50.71	51.33	50.40	50.12	51.20	50.78	23	23.1	26	26.6	26.3	25.8	25.1	27.1	22.8	97	96	82	81	76	81	85.5	1
29	51.04	51.18	51.40	50.97	52.13	54.48	51.87	26.3	25.1	28.7	29	27	25.5	26.9	30	24.7	79	83	73	69	78	84	77.7	.....
30	54.25	54.86	55.56	54.67	56.03	57.90	55.54	25.4	25.3	29.1	31.3	28.1	26.1	27.6	32.1	24.8	88	90	74	57	83	83	79.2	.....
Mean	57.28	57.51	58.04	56.49	56.91	58.26	57.41	24.5	24.2	29.1	30	27.1	25.4	26.7	31.4	23.7	93.7	94.2	75.9	72.3	82.3	90.1	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.4

Day.	Wind.													Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	S	3	Calm	....	Calm	....	NW	2	Calm	....	Calm	....	0.8	10	Ci.-S.	N. S	4	Ci.-S.		cu. WNW
2	Calm	....	Calm	....	NNW	2	N	2	N	1	Calm	....	.8	10	Ci.-S.	Fr.-N. N	7	Ci.-S.		Fr.-Cu.NNE
3	Calm	....	Calm	....	NNE	1	NE	2	Calm	....	Calm	....	.5	3	Ci.-S.	Cu.	5	Ci.-S.		Cu. NE
4	Calm	....	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	.3	7	Ci.-S.	.....	8	Ci.-S.		Cu. ENE
5	Calm	....	Calm	....	Calm	....	Calm	....	S	1	S	2	.5	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.		N. SSW
6	S	1	S	2	S	2	NW	1	Calm	....	Calm	....	1	10	Ci.-S.	S.-Cu.SSW	10	Ci.-S.		Fr.-N. NNW
7	S	2	S	3	S	3	SSE	3	Calm	....	Calm	....	1.8	1	Ci.-Cu.	s.-cu. SSW	6	Ci.-S.		Cu. S
8	Calm	....	Calm	....	Calm	....	S	2	Calm	....	Calm	....	.3	2	Ci.-S.	.....	10	Ci.-S.		S.-Cu.SSW
9	Calm	....	Calm	....	Calm	....	ENE	2	S	2	Calm	....	.7	9	A.-Cu.	.....	10	Ci.-S.		Fr.-Cu. E
10	Calm	....	Calm	....	Calm	....	WNW	3	Calm	....	Calm	....	.5	10	Ci.-S.	.....	10	Ci.-S.		S.-Cu. NW
11	Calm	....	Calm	....	WNW	2	WNW	2	Calm	....	Calm	....	.7	10	Ci.-S.	S.-Cu.	9	Ci.-S.		Cu.-N.NW
12	Calm	....	SSE	2	S	2	E	1	WNW	2	Calm	....	1.2	4	A.-Cu.	.....	3	.....		Cu. E
13	Calm	....	Calm	....	SSE	2	N	2	Calm	....	Calm	....	.7	5	A.-Cu.	.....	3	Ci.-S.		S.-Cu.NNE
14	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	.2	4	Ci.	.....	2	Ci.-S.		Cu. ENE
15	NE	1	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.8	9	Ci.-S.	S.-Cu.WNW	4	Ci.-S.		Cu. NE
16	Calm	....	Calm	....	N	1	N	2	Calm	....	Calm	....	.5	7	Ci.-S.	Fr.-Cu.NNE	9	Ci.-S.		Cu. NNE
17	Calm	....	Calm	....	NNW	2	NE	2	Calm	....	Calm	....	.7	7	Ci.-S.	.....	9	Ci.-S.		Fr.-Cu.ENE
18	NW	1	Calm	....	NW	2	Calm	....	Calm	....	Calm	....	.5	10	Ci.-S.	s.-cu. NNW	10	Ci.-S.		S.-Cu.
19	Calm	....	Calm	....	NE	2	NE	2	NE	2	SE	2	1.3	7	Ci. S.	.....	3	A.-Cu.	E	Cu. ENE
20	Calm	....	Calm	....	E	3	NE	2	Calm	....	Calm	....	.8	9	Ci.-S.	S.-Cu.ENE	8	Ci.-S.		Cu. ENE
21	Calm	....	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	.3	10	Ci.-S.	S.-Cu. E	9	Ci.-S.		S.-Cu.ENE
22	Calm	....	Calm	....	Calm	....	N	1	Calm	....	Calm	....	.2	9	Ci.-S.	Cu.	6	Ci.-S.		Cu. NNE
23	SE	2	Calm	....	S	1	E	2	Calm	....	Calm	....	.8	10	Ci.-S.	S.-Cu.	7	Ci.-S.		.....
24	Calm	....	Calm	....	Calm	....	N	2	Calm	....	Calm	....	.3	5	Ci.-S.	Cu.	2	Ci.-S.		Cu. NNE
25	Calm	....	Calm	....	W	2	NNW	3	S	1	Calm	....	1	8	Ci.-S.	.....	9	Ci.-S.		S.-Cu. N
26	Calm	....	WNW	2	Calm	....	W	2	W	2	WSW	2	1.3	10	Ci.-S.	.....	10	Ci.-S.	N	.....
27	Calm	....	SW	1	SW	2	SW	2	SSW	2	SW	2	1.5	10	Ci.-S.	NW N. WSW	10	Ci.-S.	NW	s.-cu.WSW
28	SW	3	Calm	....	Calm	....	SW	2	SSW	2	Calm	....	1.2	10	Ci.-S.	N. WSW	10	Ci.-S.	NW	s.-cu.WSW
29	SSW	2	SSW	3	S	3	S	3	S	2	S	2	2.5	10	Ci.-S. WNW	S.-Cu. SW	10	Ci.-S.	W	s.-cu. SSW
30	S	2	SSE	2	S	2	Calm	....	Calm	....	S	1	1.2	10	Ci.-S.	Fr.-S. S	10	Ci.-S.		Fr.-Cu.SSW
Mean	.....	0.6	.....	0.5	.....	1.2	.....	1.8	.....	0.6	.....	0.4	0.8	7.9	.....	.....	7.4	.....	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.								Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.89	57.36	58.15	57.53	57.47	59.38	57.80	24.7	24.9	31.7	30.5	28.8	24.7	27.6	32.5	23.8	90	93	66	77	75	84	80.8	1.5
2..	58.37	58.80	58.63	57.30	57.85	58.98	58.32	23.4	23.3	31.2	31.6	29	26.5	27.5	32.3	22.8	93	96	61	62	75	86	78.8	.....
3..	58.05	57.89	58.23	56.46	57.10	58.33	57.68	25.4	24.1	30.7	30.9	28.8	25.5	27.6	32.8	23.9	92	93	64	68	71	89	79.5	.8
4..	56.89	56.99	57.08	55.31	55.39	57.10	56.46	24.8	24.4	29.1	30.8	26.4	25.9	26.9	32.7	24.2	95	94	76	68	85	84	83.7	.....
5..	55.73	55.75	55.89	54.31	54.37	55.65	55.28	24.4	24.3	25.2	29.5	27.1	24.2	25.8	31	23.2	89	88	87	72	70	86	82	6.1
6..	54.62	54.67	55.48	54.38	55.10	56.80	55.18	23.5	22.9	30.8	29.2	25.1	24.5	26	31.7	22.4	91	92	67	70	92	93	84.2	6.4
7..	56.19	56.76	57.36	56.35	57.60	59.50	57.29	24.1	23.9	30.5	29.9	24.4	23.2	26	32.2	22.6	91	89	65	69	88	94	82.7	20.9
8..	57.92	57.96	58.28	56.28	56.51	57.20	57.36	23	23.2	29.3	30.4	27.7	26	26.6	31.6	22.5	96	94	74	65	76	84	81.5	.....
9..	55.95	56.55	57.23	54.99	55.19	56.45	56.06	25.5	25	28.9	32.7	28.2	25.9	27.7	34.2	24.7	86	88	71	54	71	82	75.3	.....
10..	55.36	55.66	56.05	55.13	55.30	56.63	55.69	25.2	24.5	32	33.7	28.7	26.5	28.4	33.9	24.1	83	83	50	41	70	80	67.8	.....
11..	55.55	56.13	56.82	55.86	56	57.38	56.29	25.8	25	30.8	32.1	28.5	26.5	28.1	34.2	24.8	78	87	57	60	72	78	72	.....
12..	57.17	57.33	57.80	56.93	57.50	59.06	57.63	26.5	26.7	32.3	31.2	28	26.4	28.5	34	25.7	73	80	62	62	72	81	71.7	.....
13..	58.07	58.23	58.56	57.01	57.35	59.13	58.06	25.8	25.1	31.1	33	28.5	25.3	28.1	33.3	24.9	81	85	62	51	74	88	73.5	.....
14..	57.63	57.79	57.91	56.15	56.90	57.97	57.39	25.5	25	32	32.7	29.7	26.1	28.5	34.9	24.5	89	87	54	52	61	85	71.3	.....
15..	56.69	57.28	58.12	56.32	56.81	57.95	57.20	25.6	26	29.3	28	26.8	25.5	26.9	32.6	23.9	86	85	72	82	87	87	83.2	2.8
16..	56.82	57.46	58.08	57.24	58.06	58.78	57.74	23.6	23.8	31.6	27	26.2	24.3	26.1	33.2	23.1	95	89	62	86	85	91	84.7	4.1
17..	57.54	58.35	58.35	57.08	57.65	59.49	58.08	23	23.7	30.7	32.3	29.5	25.9	27.5	33.4	22.7	96	96	64	64	77	88	80.8	.....
18..	58.34	58.38	58.21	56.51	57.21	58.96	57.94	25	25.5	31.5	32.7	30.6	26.2	28.6	34.1	24.8	91	88	62	57	70	86	75.7	.....
19..	57.60	58.10	58.97	57.15	57.21	58.79	57.97	24.9	25.4	30.5	32.7	28.6	26	28	33.6	24.5	87	91	67	58	79	88	78.3	.....
20..	57.73	58	58.81	56.86	57.73	58.98	58.02	24.6	25	30.8	32.5	27.7	25.6	27.7	32.7	24.1	93	92	67	59	76	89	79.3	.....
21..	58.14	58.20	58.38	56.61	56.87	58.83	57.84	25.7	23.8	32	32.1	28.3	25.8	28	33.7	23.6	84	93	60	54	74	87	75.3	.....
22..	57.09	57.27	56.86	55.16	55.50	57.41	56.55	24.7	24.6	31.7	33.3	29.5	26.3	28.4	34.1	23.5	87	92	59	53	72	85	74.7	.....
23..	56.25	56.45	56.76	54.85	55.41	57.06	56.13	25.1	24.7	32.2	33.2	28.7	26.5	28.4	34.3	24.5	91	92	54	51	73	82	73.8	.....
24..	55.72	55.64	56.19	54.79	55.76	57.24	55.89	24.9	25	31.8	33.5	29.2	26.6	28.5	34.3	24.7	91	88	56	55	75	84	74.8	.....
25..	56.10	56.22	56.40	55.44	56.16	57.38	56.28	25.8	25.4	30.5	28.5	27	25.6	27.1	32.8	25.2	88	91	69	78	84	90	83.3	11.7
26..	56.41	56.65	56.85	56.16	56.74	57.54	56.72	25.2	25.2	30.6	24	24.7	24.1	25.6	32.4	23.6	92	93	65	93	90	91	87.3	18.8
27..	56.46	57.12	57.31	56.31	56.67	57.93	56.97	23.9	24.3	28.9	28.5	25	25	25.9	32.2	23.7	92	89	75	73	92	88	84.8	8.9
28..	56.08	56.09	57.01	55.63	56.97	58.65	56.74	23.7	25	29.6	29	27.3	25.5	26.7	32.5	23.5	94	92	70	70	75	85	81	.....
29..	57.08	57.78	57.82	56.45	57.67	59.12	57.65	23.8	24.9	29.7	32.8	28.7	25.8	27.6	33.1	23.5	96	92	68	60	78	88	80.3	.....
30..	58.01	58.44	59.21	57.64	58.20	60.40	58.65	24.9	24.3	29.9	33	28.4	27	27.9	33.9	24.1	93	95	70	55	77	86	79.3	.....
31..	59.52	60.14	60.62	58.98	59.37	60.71	59.89	25.5	24.5	30	29.3	28.3	25.9	27.2	32.2	24.2	94	96	67	76	79	90	83.7	.....
Mean	56.97	57.27	57.66	56.23	56.76	58.22	57.19	24.8	24.6	30.5	31	27.9	25.6	27.4	33.1	23.9	89.6	90.4	65.3	64.4	77.3	86.4	78.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	82

Day.	Wind.												Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	S	2	Calm	....	ENE	1	Calm	....	Calm	....	0.5	7	Ci.-S.	.....	9	Ci.-S.	Cu.-N. E
2..	Calm	....	Calm	....	NW	2	NNW	3	NNW	2	Calm	....	1.2	6	A.-Cu.	.....	1	Ci.-S.	Cu. N
3..	Calm	....	Calm	....	W	3	WNW	3	Calm	....	Calm	....	1	3	Ci.-S.	.....	9	Ci.-S.	Cu. N
4..	Calm	....	Calm	....	Calm	....	NW	2	Calm	....	Calm	....	.3	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	Cu.-N.NNW
5..	Calm	....	Calm	....	SW	1	Calm	....	WNW	1	Calm	....	.3	10	Ci.-S.NNW	Fr.-N. W	10	Ci.-S. W	S.-Cu. SSW
6..	Calm	....	Calm	....	S	2	S	3	Calm	....	Calm	....	.8	9	A.-Cu.WNW	Fr.-S. W	8	Ci.-S. W	Cu.-N. SSW
7..	Calm	....	S	2	Calm	....	SSW	2	Calm	....	Calm	....	.7	9	A.-Cu. SW	.....	9	A.-Cu.	Fr.-Cu.SSW
8..	S	2	Calm	....	S	2	SW	1	Calm	....	Calm	....	.8	10	A.-Cu.	Fr.-Cu.SSW	10	A.-Cu.	Fr.-Cu.SW
9..	SW	1	Calm	....	Calm	....	SW	2	Calm	....	Calm	....	.5	10	A.-S. WSW	.....	6	A.-Cu. W	.....
10..	Calm	....	Calm	....	S	3	SSW	3	SSW	2	Calm	....	1.3	2	.....	S.-Cu. SSW	5	Ci.-S. W	Fr.-Cu. SW
11..	S	2	Calm	....	SW	2	SSW	3	SSW	3	SSW	3	2.2	7	Ci.-S. W	Fr.-Cu.SSW	5	Ci.-S.	Fr.-Cu.SW
12..	SSW	2	S	3	S	3	SSW	3	SSW	3	Calm	....	2.3	9	A.-Cu. SW	.....	10	ci.-s. WNW	Fr.-N. SW
13..	Calm	....	SSW	3	SSW	2	SW	1	S	1	Calm	....	1.2	1	Ci. NW	.....	5	Ci.-S.	S.-Cu. SW
14..	S	1	S	2	SSW	1	WNW	2	WNW	2	WNW	2	1.7	2	Ci.-S.	.....	8	Ci.-S. NNE	Cu. NW
15..	W	2	Calm	....	SSW	2	Calm	....	Calm	....	S	2	1	9	Ci.-S.	.....	10	A.-S.	.....
16..	Calm	....	Calm	....	S	2	Calm	....	SSE	1	Calm	....	.5	9	Ci.-S.	.....	10	Ci.-S.	s.-Cu. WSW
17..	Calm	....	Calm	....	SSW	2	NW	3	S	1	S	1	1.2	8	Ci.-S.	.....	8	Ci.-S.	cu.-N.NNW
18..	S	2	S	3	S	2	NW	2	Calm	....	S	1	1.7	8	Ci.-S.	.....	3	Ci.-S.	Cu. NNW
19..	Calm	....	S	2	Calm	....	NW	2	Calm	....	Calm	....	.7	9	Ci.-S.	.....	3	Ci.-S.	cu.-N.NNW
20..	Calm	....	S	2	S	2	S	2	SSE	2	S	2	1.7	6	Ci.	.....	8	Ci.-S.	Cu.-N. S
21..	S	2	Calm	....	SSW	2	S	2	SSW	2	S	1	1.5	0	.....	.....	9	Ci.-S.	Cu.-N. S
22..	Calm	....	S	2	SW	2	NW	3	WSW	1	Calm	....	1.3	1	Ci.-S.	.....	1	.....	Cu. NNW
23..	SSE	2	Calm	....	Calm	....	WSW	3	S	2	Calm	....	1.2	3	Ci.-S.	.....	2	ci.-s. NNW	Cu. W
24..	Calm	....	Calm	....	SW	1	WNW	3	Calm	....	Calm	....	.7	2	A.-Cu. W	.....	5	A.-Cu. NNW	Cu.-N.NW
25..	Calm	....	Calm	....	S	2	Calm	....	Calm	....	SSW	1	.5	10	Ci.-S.	S.-Cu. W	9	Ci.-S. NNW	S.-Cu. W
26..	Calm	....	S	2	SSE	2	Calm	....	S	2	Calm	....	1	9	Ci.-S.	s.-cu. SSW	10	Ci.-S.	N. SE
27..	Calm	....	S	1	S	2	NW	3	Calm	....	Calm	....	1	10	Ci.-S.	s.-cu. SSW	10	Ci.-S.	s.-cu.NNW
28..	SW	2	S	3	S	4	S	3	S	2	Calm	....	2.3	7	A.-Cu. SW	.....	10	Ci.-S. W	Fr.-Cu.SSW
29..	S	2	S	2	S	3	SSE	3	Calm	....	Calm	....	1.7	8	Ci.-S. W	.....	3	Ci.-S.	Cu. S
30..	Calm	....	Calm	....	SSE	2	SSE	2	Calm	....	WNW	1	.8	10	Ci.-Cu.	.....	5	Ci.-S.	Cu. S
31..	Calm	....	Calm	....	Calm	....	NE	2	Calm	....	Calm	....	.3	10	Ci.-S.	S.-Cu. S	9	Ci.-S.	.....
Mean	.....	0.6	.....	0.9	.....	1.6	.....	1.9	.....	0.9	.....	0.5	1.1	6.9	.....	.....	7.1	.....	.....

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.7 meters; gravity correction not applied, −1.81 mm.]

AUGUST, 1918.

Day	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.78	59.97	60.42	58.50	59.01	60.33	59.67	25	23.9	30.5	31.9	28.3	24.9	27.4	32.5	23.7	92	96	65	59	70	88	78.3	.....
2	58.94	58.97	59.83	57.96	59.01	59.96	59.11	23.5	23.5	30.2	31.8	27.3	24.3	26.8	32	22.9	93	94	67	59	80	88	80.2	.....
3	58.59	59.24	60.10	58.32	58.70	60.88	59.30	23.2	22.8	31	31.7	25.8	23.6	26.4	32.3	22.6	93	96	66	64	78	84	80.2	.....
4	59.52	59.85	60.68	58.34	59.08	60.69	59.69	23.1	22.8	31.1	32.1	25.4	24.1	26.4	32.8	22.5	93	95	66	62	78	87	80.2	.....
5	58.91	58.93	59.67	58.03	58.12	60.07	58.96	23	22.6	31.5	32.1	29.4	25.5	27.4	33.3	22.3	93	95	60	56	73	84	76.8	.....
6	59.05	59.10	59.32	57.36	57.15	59.53	58.58	23.9	23.5	32	32.7	29.8	25.3	27.9	32.9	23.3	91	92	61	61	72	86	77.2	.....
7	57.91	58.25	59.06	57.53	57.67	59.61	58.34	24.1	23.7	31.2	33	29.7	26.5	28	33.2	23.5	92	93	56	60	72	82	75.8	.....
8	58.12	58.33	58.87	57.37	57.86	59.57	58.35	25.5	24.5	30.7	31.8	27.7	25.2	27.6	33.5	24.3	85	91	59	63	73	81	75.3	.....
9	58.40	58.54	58.87	57.50	57.72	58.89	58.32	24.2	23.9	29.2	30.2	27	24.8	26.6	30.4	23.7	88	92	68	71	78	87	80.7	.....
10	57.53	57.26	58.15	56.51	56.58	58.37	57.40	24.3	24	28	30.1	27.1	25.4	26.5	31.5	23.8	91	92	72	61	72	85	78.8	0.3
11	56.77	56.75	57.51	56.62	57.20	58.30	57.19	23.9	23.1	29.5	27.5	24.7	23.9	25.4	30.7	22.8	90	92	64	73	85	90	82.3	6.9
12	56.94	56.47	57.23	56.21	56.65	58.71	57.04	23.1	23	29.4	26.9	24	25	25.2	30.5	22.8	97	91	71	79	94	96	88	2.3
13	57.69	57.46	57.59	57.02	56.99	59.03	57.63	24.4	23.3	28.8	28.8	25.8	25.5	26.1	30.5	23	96	92	73	65	82	88	82.7	1.1
14	57.80	58.90	59.27	57.44	58.73	59.48	58.60	23.7	23.4	30.8	31.5	23.2	23.7	26	32.2	23	94	97	67	63	92	96	84.8	17.1
15	58.95	58.70	59.13	57.90	58.61	60.27	58.93	23.4	23.3	30.9	31.7	27.4	24.3	26.8	31.9	23.1	97	96	72	68	79	89	83.5	2.8
16	59.63	58.90	59.43	57.97	58.57	60.08	59.10	23.6	23.2	29.1	30.9	27.7	25	26.6	31.7	23	96	95	71	65	81	93	83.5	.....
17	58.71	59.43	60.29	57.92	57.54	58.96	58.81	24.3	24.2	26.3	27	26.6	24.1	25.4	27.6	23.4	93	94	86	81	83	95	88.7	.3
18	57.56	57.90	58.37	56.15	56.32	58.56	57.48	23.8	23.8	30	30.6	27.2	25.3	26.8	31.6	23.3	94	95	68	63	75	86	80.2	.....
19	57.06	57.60	58.29	56.22	57.15	59.03	57.56	24.3	23.7	30.1	31.4	25.1	24.8	26.6	32.8	23.5	93	95	67	63	92	94	84	11.4
20	57.98	58.14	58.95	57.43	57.95	58.84	58.22	24.2	23.6	27.3	29	25.8	24.1	25.7	29.9	23.4	94	95	81	72	92	93	87.8	3.6
21	57.72	58.06	59.11	57.16	57.82	59.56	58.24	23.7	23.5	29.5	30.6	27.3	24.5	26.5	31.4	23.3	96	96	68	62	75	92	81.5	.....
22	58.06	58.36	58.92	57.16	57.62	59.05	58.20	24	23.9	29.5	30.8	28.7	26	27.2	31.8	23.7	93	93	71	60	68	80	77.5	.....
23	57.73	57.92	58.33	56.96	56.83	58.39	57.69	24.1	23.7	30.9	31.9	26.7	25.1	27.1	33	23.5	91	93	64	58	83	89	79.7	.....
24	57.16	56.49	56.96	55.31	56.23	57.20	56.56	25	24	31.2	30.6	25.3	25.1	26.9	32.7	23.8	89	95	61	65	86	88	80.7	.....
25	56.14	56.37	57.07	56.07	56.60	58.38	56.77	24.7	24	30.5	25.2	25.3	24.4	25.7	32.6	23.8	87	87	65	92	94	93	86.3	5.3
26	57.10	57.55	58.34	57.02	57.72	58.58	57.72	23.7	23.7	30.3	30.4	26.1	24.7	26.5	31.8	23.2	94	93	69	70	87	92	84.2	.....
27	57.45	57.55	58.19	56.27	56.95	58.11	57.42	23.4	23.4	30.7	32.2	27.7	24.6	27	33.4	23.2	95	96	63	65	82	88	81.5	.....
28	57.16	57.09	57.91	56.42	57.13	58.75	57.41	24.3	23.7	30.6	28.8	26.3	25.2	26.5	32.2	23.5	93	94	68	73	85	91	84	1
29	57.89	57.71	58.87	57.77	58.78	59.74	58.46	24.7	24.5	30.7	30	26.6	25.2	27	32.5	24.3	94	78	58	73	82	88	78.8	.....
30	58.81	59.16	59.27	58.18	58.41	60.22	59.01	25	24.3	30.5	26.9	26.5	25.3	26.4	32.8	24.1	90	94	68	81	88	93	85.7	.....
31	58.35	58.45	58.82	57.32	58.37	59.77	58.51	24.7	24	30.6	30.5	25.9	23.5	26.5	32.8	23.1	94	89	62	70	85	92	82	1
Mean	58.05	58.17	58.80	57.22	57.71	59.26	58.20	24.1	23.6	30.1	30.3	26.7	24.8	26.6	32	23.3	92.6	93.1	67	67	81.2	89	81.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.1

Day.	Wind.														Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.		
																Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*			
1	Calm	.....	Calm	.....	NNW	2	NNW	2	Calm	.....	Calm	.....	0.7	5	Ci.-S.	.....		5	Ci.-S.	.....	
2	Calm	.....	Calm	.....	WNW	1	NNW	2	NNW	1	Calm	.....	.7	5	Ci.-S.	.....		4	Ci.-S.	Cu.	N
3	Calm	.....	Calm	.....	S	2	NNW	2	S	1	Calm	.....	.8	1	Ci.-S.	.....		5	Ci.-S.	Fr.-Cu.	N
4	Calm	.....	Calm	.....	NW	2	NNW	2	S	1	S	1	1	1	Ci.-Cu.	.....		3	A.-Cu.	Cu.	N
5	Calm	.....	Calm	.....	SSE	2	NNW	2	Calm	.....	Calm	.....	.7	0	.....	.....		1	Ci.	Cu.	N
6	Calm	.....	Calm	.....	NW	2	N	2	Calm	.....	Calm	.....	.7	5	Ci.-S.	.....		1	Ci.-S.	Cu.	NNE
7	Calm	.....	Calm	.....	NW	2	NW	3	SW	1	Calm	.....	1	10	Ci.-S.	.....		4	Ci.-S.	Cu.	NNW
8	Calm	.....	Calm	.....	Calm	.....	NW	2	S	2	Calm	.....	.7	10	A.-Cu.	W	.....	9	Ci.-S.	.....	
9	Calm	.....	Calm	.....	NW	2	NNW	3	Calm	.....	Calm	.....	.8	10	A.-Cu.	.....		10	Ci.-S.	ENE	Cu.-N. N
10	Calm	.....	Calm	.....	Calm	.....	WNW	2	WNW	2	Calm	.....	.7	10	A.-Cu.	.....		10	Ci.-S.	S.-Cu.	NW
11	Calm	.....	Calm	.....	Calm	.....	SSW	1	S	2	S	2	.8	10	A.-Cu.	SW	.....	10	Ci.-S.	N.	SW
12	Calm	.....	SSE	2	S	3	S	2	S	2	S	3	2	9	A.-Cu.	SSW	.....	10	Ci.-S.	W N.	SSW
13	S	1	SSE	2	S	3	S	2	S	1	Calm	.....	1.5	8	Ci.-S.	.....	S.-Cu. S	10	A.-S.	SW	.....
14	Calm	.....	Calm	.....	S	2	NNW	2	Calm	.....	Calm	.....	.7	10	A.-Cu.	.....		5	Ci.-Cu.	NE	Fr.-Cu. N
15	Calm	.....	Calm	.....	Calm	.....	NW	2	Calm	.....	Calm	.....	.3	10	A.-S.	.....		3	Ci.		Cu. NNW
16	Calm	.....	Calm	.....	NNE	1	NNW	2	WNW	2	Calm	.....	.8	9	A.-Cu.	SW	S.-Cu. SSW	8	Ci.-S.	Cu.	N
17	Calm	.....	Calm	.....	Calm	.....	SW	1	Calm	.....	Calm	.....	.2	10	A.-S.	.....		10	A.-S.	.....	
18	Calm	.....	Calm	.....	W	2	W	4	W	1	Calm	.....	1.2	9	A.-Cu.	.....		8	A.-Cu.	NW	cu.-N. WNW
19	Calm	.....	Calm	.....	Calm	.....	NW	2	SE	2	SE	1	.8	8	A.-Cu.	W	.....	4	A.-Cu.	N	.....
20	Calm	.....	Calm	.....	SE	2	SW	1	Calm	.....	Calm	.....	.5	10	A.-S.	.....		10	Ci.-S.		Fr.-S. WSW
21	Calm	.....	Calm	.....	Calm	.....	W	2	SW	2	Calm	.....	.7	7	A.-Cu.	S	.....	9	A.-Cu.	NW	Fr.-cu. WNW
22	SW	1	Calm	.....	SW	2	W	2	WNW	2	Calm	.....	1.2	9	A.-Cu.	.....		9	A.-Cu.	NW	.....
23	Calm	.....	Calm	.....	S	2	SW	2	Calm	.....	Calm	.....	.7	7	Ci.-cu.	NW	S.-Cu. W	7	Ci.-S.	Cu.	WSW
24	W	2	SE	2	SSW	2	SW	2	Calm	.....	WSW	1	1.5	9	A.-Cu.	S	.....	10	Ci.-S.	NW	cu.-N. WSW
25	Calm	.....	S	1	S	2	Calm	.....	Calm	.....	Calm	.....	.5	9	A.-Cu.	SW	.....	10	Ci.-S.	N.	SSW
26	Calm	.....	Calm	.....	SSE	2	WNW	3	SSE	2	Calm	.....	1.2	10	A.-Cu.	.....	s.-cu. SSE	7	Ci.-S.	Fr.-Cu.	NW
27	Calm	.....	Calm	.....	Calm	.....	NW	2	SW	2	Calm	.....	.7	3	Ci.-cu.	SW	.....	6	Ci.-S.	Cu.	NNW
28	Calm	.....	S	2	S	2	WSW	2	SSW	1	Calm	.....	1.2	7	Ci.-S.	.....		10	Ci.-S.	N.-cf.	W
29	Calm	.....	Calm	.....	SSW	1	NW	2	S	2	Calm	.....	.8	10	A.-Cu.	.....	s.-cu. SSW	9	A.-Cu.	N	s.-Cu. NNW
30	Calm	.....	Calm	.....	S	1	S	2	Calm	.....	Calm	.....	.5	3	A.-Cu.	SW	.....	10	Ci.-S.	Cu.-N.	SSW
31	S	1	S	1	Calm	.....	SSE	2	Calm	.....	Calm	.....	.7	9	Ci.-S.	.....	s.-cu. SSW	10	Ci.-S.	Cu.-N.	S
Mean	.....	0.2	.....	0.3	.....	1.4	.....	2	.....	0.9	.....	0.3	0.8	7.5	.....	.....		7.3	.....	.....	

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER, 1918.

Day	Atmospheric pressure, 700 mm.+							Air temperature									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	8.32	58.49	59.77	58.35	58.43	59.66	58.84	23.1	23.7	30.8	29.9	27	24.1	26.4	31.8	22.9	94	94	67	82	85	95	86.2	5.1
2	59.26	59.19	59.50	57.57	58.24	59.56	58.89	24.1	23.1	30	31.1	28.8	25.3	27.1	33	22.8	95	97	69	61	68	89	79.8	.....
3	58.13	57.96	58.96	56.19	56.75	57.98	57.66	24.4	24.1	31.4	31.7	28.8	26	27.7	33.3	23.7	93	91	57	56	68	81	74.3	.....
4	56.40	56.36	57.07	54.71	55.03	56.43	56	24.8	24.5	31.6	33.2	28.7	27	28.3	34.4	23.9	85	89	58	50	67	75	70.7	.5
5	54.78	54.78	55.12	52.92	53.87	55.66	54.52	26	24.8	31.8	33	28.8	24.3	28.1	34	23.1	85	93	57	51	72	93	75.2	6.7
6	55.04	55.36	56.75	55.33	55.95	57.69	56.02	24.2	24.5	26.4	27	26.5	24.7	25.6	28	23.9	94	91	87	89	88	94	90.5	1.8
7	56.25	56.27	56.99	55.65	56.05	57.15	56.39	24.6	24	30.1	30.3	28.2	25.9	27.2	31	23.5	90	93	68	67	79	87	80.7	.....
8	56.28	56.24	56.78	55.52	55.90	57.55	56.38	24.8	24.7	31.7	30.2	27.8	26.1	27.6	32	24.4	92	85	54	60	78	79	74.7	.....
9	56.81	57.33	57.47	55.86	57.39	58.25	57.18	24.3	24.5	31.3	31.3	26.9	24.9	27.2	32.8	24.1	91	89	61	65	81	87	79	.3
10	57.53	57.94	58.50	56.43	57.22	58.82	57.74	24.4	24.7	31.3	31.5	29.2	25.8	27.8	33.6	24.2	92	90	66	65	69	86	78	.....
11	58.10	58.55	59.04	58.08	57.95	59.48	58.53	25.2	25	31.6	25	23.2	24.1	25.7	33.1	23	90	92	68	93	95	93	88.5	54.9
12	58.61	59.29	59.57	57.96	58.54	60.24	59.04	23.6	24.7	30.6	29.3	27.7	25.2	26.8	32.6	23.3	94	94	70	76	87	92	85.5	.8
13	59.43	59.79	60.06	58.14	59.21	60.53	59.53	24.8	24.4	30.8	30.8	28	25.4	27.4	32.3	24.1	93	96	70	72	82	93	84.3	.....
14	59.58	59.97	60.62	58.64	59.32	60.88	59.84	24.2	23.4	30.9	30.8	25.8	25	26.7	32.8	23.2	95	97	56	66	75	87	79.3	.....
15	59.86	59.89	60.40	58.51	59.36	60.94	59.83	24.2	23.2	31.2	31.7	26.3	24.4	26.8	32.7	23	93	96	61	65	77	90	80.3	.....
16	59.16	59.67	60.21	57.99	58.96	61.22	59.54	23.5	23.9	31.5	31.2	28.5	25.4	27.3	32.8	23.3	96	95	63	65	79	89	81.2	.....
17	59.97	60.35	60.90	57.71	59.10	60.56	59.76	24.2	23.8	31.5	32.4	25	24.4	26.9	33.1	23.5	91	93	60	63	86	92	80.8	.5
18	59.39	60.18	60.78	59	59.56	60.94	59.98	23.5	23.7	29.7	29.7	26.4	24.3	26.2	33.4	23.3	96	96	73	70	84	93	85.3	.....
19	60.19	60.38	60.98	58.94	59.31	60.73	60.09	23.2	22.8	31.5	30.6	25.7	24.4	26.4	32.9	22.6	96	97	63	70	87	89	83.7	.....
20	59.39	59.59	59.97	57.01	57.13	58.72	58.64	23.2	23.2	25.2	29.3	27.5	25.7	25.7	31.3	23	95	97	94	73	82	86	87.8	8.1
21	57.90	58.01	58.28	56.19	56.58	58.48	57.57	23.8	22.9	30	31.3	28.2	25.4	26.9	32.3	22.7	95	97	69	63	77	92	82.2	.....
22	57.63	57.64	58.45	56.71	57.14	58.90	57.74	24.6	23.6	31.1	31	26.9	25	27	32.5	23.4	94	97	60	63	80	91	80.8	.....
23	57.90	57.75	58.63	56.96	57.77	59.49	58.08	24.4	24.2	29.2	30.7	26.9	25.1	26.8	32.6	23.6	92	92	73	72	87	92	84.7	3.3
24	58.39	58.82	59.95	58.15	58.88	60.38	59.10	24.2	23.8	31.2	30	26.1	24.5	26.6	32.4	23.4	93	94	65	75	89	93	84.8	6.4
25	59.60	60.28	61.08	58.91	59.20	60.83	59.98	23.9	23.9	30	30.2	27.9	25.7	26.9	32.1	23.6	95	97	71	72	83	93	85.2	9.4
26	59.68	60.65	61.25	58.70	59.11	60.38	59.96	24.9	24.7	30.5	31.8	27.8	26.9	27.8	32.4	24.1	95	96	75	66	79	86	82.8	.....
27	59.21	60.07	60.32	58.14	58.56	60.39	59.45	26.8	26.7	31.3	31.5	27.7	26.4	28.4	32.9	26.1	86	89	71	66	83	90	80.8	1.3
28	58.83	59.05	59.58	57.07	57.47	58.42	58.40	26.4	25.3	28.6	31.1	27.8	26.7	27.6	32.4	25.1	94	94	88	69	85	90	86.7	23.2
29	56.67	56.95	57.27	54.70	55.36	57.09	56.34	26.9	26.8	30.7	31.4	28.5	25.5	28.3	32.2	24.9	88	88	71	66	75	89	79.5	3
30	55.81	56.46	57.03	54.43	55.55	57.24	56.09	24.9	24.9	31.2	32.7	28.4	26	28	33.7	24.7	90	91	63	58	77	85	77.3	.....
Mean	58.14	58.44	59.04	57.02	57.63	59.15	58.24	24.5	24.2	30.5	30.7	27.4	25.3	27.1	32.5	23.7	92.4	93.3	67.6	67.6	80.1	89	81.7	.....
To al	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	....	S	2	SSE	2	S	2	Calm	....	Calm	....	1	2	Ci.-S.	.....	10	Ci.-S.	Cu.-N. SSW
2	Calm	....	Calm	....	Calm	....	NNW	2	SW	2	Calm	....	.7	3	Ci.	S.-Cu. SW	6	A.-Cu.	Fr.-Cu. N
3	Calm	....	Calm	....	SW	2	WNW	3	SW	1	Calm	....	1	10	A.-Cu. W	.....	10	Ci.-S.	S.-Cu. NW
4	Calm	....	Calm	....	SSW	2	WSW	2	Calm	....	Calm	....	.7	5	Ci.-S.	.....	10	A.-Cu. WNW	S.-Cu. W
5	Calm	....	Calm	....	SW	3	SW	3	SSW	3	Calm	....	1.5	10	Ci.-S. WSW	S.-Cu. S	9	Ci.-S. NW	Fr.-Cu. WSW
6	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.2	6	Ci.-S. WNW	S.-Cu. SW	10	Ci.-S. NW	S.-Cu. WSW
7	S	1	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	.2	2	Ci.-S	Fr.-Cu. SSW	10	A.-Cu.	.....
8	Calm	....	Calm	....	WNW	2	W	3	Calm	....	Calm	....	.8	9	A.-Cu.	.....	10	Ci.-S.	S.-Cu. WNW
9	Calm	....	Calm	....	W	2	W	3	Calm	....	Calm	....	.8	9	A.-Cu.	Fr.-Cu. SSW	9	Ci.-S.	Fr.-Cu. WNW
10	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	3	Ci.-S.	Cu. SSW	10	Ci.-S.	S.-Cu. SW
11	S	2	Calm	....	S	2	N	2	Calm	....	Calm	....	1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NNE
12	Calm	....	S	1	S	2	NW	2	Calm	....	Calm	....	.8	7	Ci.-S.	.....	10	Ci.-S.	Fr.-N. NNW
13	Calm	....	Calm	....	Calm	....	NW	3	S	1	Calm	....	.7	0	.....	.....	7	Ci.-S.	Cu. NW
14	Calm	....	Calm	....	SW	1	NNW	2	Calm	....	Calm	....	.5	3	Ci.-S.	S.	9	Ci.-S.	Cu. N
15	Calm	....	Calm	....	WSW	1	N	3	S	2	W	1	1.2	9	A.-Cu.	.....	6	Ci.-S	Cu. N
16	Calm	....	Calm	....	W	2	NNW	2	S	1	SSW	1	1	5	Ci.-S.	.....	8	Ci.-S.	Cu. N
17	Calm	....	Calm	....	Calm	....	SW	2	Calm	....	Calm	....	.3	6	Ci.	.....	5	Ci.-S.	Cu. SW
18	Calm	....	Calm	....	Calm	....	SSW	1	Calm	....	Calm	....	.2	5	Ci.-S.	.....	10	Ci.-S.	Cu.-N. SW
19	Calm	....	Calm	....	S	2	NW	3	S	2	Calm	....	1.2	0	Ci.	.....	7	A.-Cu.	.....
20	Calm	....	Calm	....	Calm	....	NW	3	W	2	SW	1	1	10	A.-S.	.....	9	A.-S. N	.....
21	W	1	Calm	....	WNW	2	NW	2	W	1	Calm	....	1	2	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu. NW
22	Calm	....	Calm	....	NW	2	W	3	Calm	....	Calm	....	.8	1	Ci.	.....	8	A.-Cu. NW	.....
23	Calm	....	Calm	....	Calm	....	SE	2	S	1	Calm	....	.5	1	Ci.-S.	.....	6	Ci.-S.	cu.-N. SSE
24	Calm	....	Calm	....	S	2	SE	1	S	1	Calm	....	.7	7	Ci.-S.	.....	8	Ci.-S.	Cu.
25	Calm	....	Calm	....	Calm	....	N	2	Calm	....	Calm	....	.3	9	A.-Cu.	.....	8	A.-Cu.	Cu. NNE
26	Calm	....	Calm	....	NW	2	N	2	Calm	....	Calm	....	.7	10	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu. NNE
27	N	2	Calm	....	N	2	N	2	Calm	....	Calm	....	1	5	Ci.-S.	Cu. NNE	5	A.-Cu.	Cu. NNE
28	N	1	Calm	....	N	1	N	3	Calm	....	Calm	....	.8	9	Ci.-S.	S.-Cu. N	7	Ci.-S.	.....
29	NW	2	NW	2	NW	2	WNW	3	W	2	Calm	....	1.8	9	Ci.-S.	s.-cu. NNW	6	ci.-s. NNE	Cu. NW
30	S	1	S	2	SSW	1	SSW	1	SSW	1	Calm	....	1	8	Ci.-S.	s.-cu. SSW	10	ci.-s. WNW	Cu.-N. SW
Mean	.....	0.3	.....	0.2	.....	1.3	.....	2.1	.....	0.7	.....	0.1	0.8	5.8	.....	.....	7.9	.....	.....

CAPIZ.

[$\phi = 11°\ 35'$ N; $\lambda = 122°\ 45'$ E; barometer above sea, 6.7 meters; gravity correction not applied, −1.81 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.81	56.05	57.91	54.98	56.02	57.53	56.38	24.9	24.2	31.1	31.5	27	25.3	27.3	33.4	24	86	89	64	73	82	87	80.2	.....
2..	55.65	55.71	56.61	54.83	55.05	56.55	55.73	24.3	24.4	30.1	26.4	25.9	24.4	25.9	30.8	23.5	86	87	69	88	87	92	84.8	2.8
3..	55.10	55.16	56.47	54.98	55.63	56.43	55.63	24	24.1	30.5	26.9	25.8	26.5	26.3	31.2	23.8	93	93	74	80	81	81	83.7	.3
4..	56.33	57.31	58.85	56.74	58.39	59.73	57.89	25.6	26	25.6	31.1	26.5	25.7	26.8	31.6	25.4	85	84	88	61	82	88	81.3	.3
5..	58.73	59.77	60.92	58.95	59.74	60.71	59.80	25.5	25.1	30.5	29	26.2	24.9	26.9	32	24	92	93	72	85	91	93	87.7	.....
6..	59.73	60.39	60.93	58.61	58.83	60.13	59.77	23.6	23	29.8	32.6	28	25.6	27.1	33	22.8	97	97	69	62	77	92	82.3	.....
7..	58.70	58.73	59.40	57.60	58.08	59.76	58.71	24.5	24.2	29.8	32.1	28.3	26.2	27.5	32.2	24	93	94	73	66	82	92	83.3	.....
8..	58.41	59.10	59.73	57.61	59.08	60.01	58.99	24.9	24.2	31	32	26.6	24.7	27.2	33.1	24	95	95	64	64	79	88	80.8	.5
9..	59.04	58.95	60.11	58.06	58.54	59.57	59.04	24.5	23.8	29.4	31.6	27.7	26	27.2	32	23.6	93	95	79	69	84	92	85.3	78.4
10..	58.71	58.82	60.14	57.97	58.35	59.52	58.92	23.2	23.8	26.6	29	26.1	26.1	25.8	30.2	22.9	95	97	85	75	87	86	87.5	44.4
11..	58.30	58.91	59.54	57.53	58.28	59.56	58.69	23.9	23.6	28.6	30.5	26.9	24.3	26.3	31.4	23.3	95	97	75	72	79	91	84.8	3.6
12..	58.20	58.56	60.02	57.50	58.24	59.98	58.75	23.6	23.8	28.3	29.9	27	25	26.3	31.2	23.4	94	95	75	70	81	92	84.5	.8
13..	58.60	58.66	59.18	57.48	57.68	59.05	58.44	24.8	23.7	31	29.7	27.6	24.7	26.9	32.2	23.5	93	96	62	67	71	92	80.2	2.3
14..	57.74	57.58	58.49	55.92	56.14	56.71	57.10	24.1	25	28.7	30	27.4	24.5	26.6	31.2	23.7	91	90	73	74	78	92	83	.....
15..	55.40	55.56	56.01	53.91	53.93	54.70	54.92	23.5	22.9	30.2	29.8	27.3	24	26.3	30.6	22.7	93	94	64	60	70	86	77.8	.....
16..	53.81	54.50	55.71	54.04	55.26	57.25	55.10	23.7	24.8	30	28.7	24.6	24.4	26	31.5	23.4	91	88	71	78	92	91	85.2	12.6
17..	56.54	57.21	57.81	55.38	56.84	58.44	57.04	24.5	23.9	27	29.2	26.4	24.8	26.6	30.3	23.7	93	96	88	70	81	88	86	1
18..	57.08	57.05	57.90	56.11	56.47	58.34	57.16	24.5	24.9	31.5	29.4	27.3	25.6	27.2	32.3	24.3	90	92	66	78	85	89	83.3	4.8
19..	57.06	57.58	59	56.38	57.48	59.08	57.76	24.3	25	28.9	26.9	26.8	24.4	26	31.2	24	91	92	80	84	89	91	87.8	3.6
20..	57.41	57.67	58.69	56.81	57.22	58.34	57.69	24.3	24.3	30.2	31	27.7	25.2	27.1	31.4	24.1	92	94	74	69	78	92	83.2	.8
21..	57.19	57.26	58.14	55.98	55.97	56.69	56.87	24.6	25.5	28	28.5	27	25.8	26.6	29.4	24.4	94	93	81	75	84	89	86	3.6
22..	55.79	56.69	57.53	55.21	56.29	57.83	56.56	25.4	25.1	29.1	31.4	27.2	26	27.4	32.8	24.9	91	92	74	66	84	88	82.5	.....
23..	57.74	58.76	59.62	57.68	58.64	60.23	58.78	25.4	25.3	30.8	29.6	25.2	24.4	26.8	31.9	24.1	89	90	65	72	94	96	84.3	34.5
24..	58.97	59.57	60.52	57.87	58.67	59.83	59.24	24.1	23.5	30	31	27.5	25.7	27	31.4	23.3	97	97	75	68	82	92	85.2	.....
25..	58.70	59.16	60.06	57.56	58.47	60.44	59.06	24.4	23.6	31	31.1	27.3	24.8	27	31.8	23.3	95	97	67	66	81	92	83	.....
26..	59.36	59.93	60.95	59.14	59.73	60.79	59.98	24	24	30	31.6	27.8	27	27.4	32.3	23.6	94	96	76	66	84	80	82.7	1.5
27..	60.48	61.23	61.87	59.86	60.42	61.79	60.94	26.7	25.9	30.5	30.1	28.3	27.2	28.1	31.4	25.7	82	85	74	73	75	81	78.3	.3
28..	60.47	61.06	61.81	59.56	60.06	61.54	60.75	26.8	26.1	30.5	31.2	27	26.3	28	31.9	25.9	83	83	72	62	88	88	79.3	2.3
29..	59.98	60.23	60.35	57.92	58.27	59.49	59.37	25.5	25.6	28.9	30.1	27.1	26.8	27.3	31.4	25.3	91	88	76	77	91	83	84.3	8.2
30..	58.45	58.78	59.86	57.56	58.07	59.66	58.73	26.2	25.6	30.4	29.8	27.1	26.6	27.6	31.6	25.3	86	92	74	71	83	90	82.7	.....
31..	58.44	59.26	60.72	58.65	59.10	60.68	59.48	26.7	26.6	31.1	31.5	27.4	26.4	28.3	32.3	23.3	90	89	73	68	85	86	81.8	.....
Mean	57.80	58.23	59.19	57.04	57.71	59.04	58.17	24.7	24.6	29.6	30.1	27	25.5	26.9	31.6	24	91.3	92.3	73.3	71.3	82.8	89	83.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	206.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	S	2	S	1	Calm	....	WSW	2	SW	1	Calm	....	1	9	Ci.-S. W	S.-Cu.SSW		9	Ci.-S. NNW	Cu.-N. W
2..	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.2	10	A.-Cu.			10	A.-Cu. W	.....
3..	Calm	....	Calm	....	W	2	SSE	3	SSE	2	S	3	1.7	9	A.-Cu.			10	Ci.-S. WSW	Cu.-N. S
4..	S	1	S	2	S	3	S	4	S	1	Calm	....	1.8	9	A.-Cu.SW			7	A.-Cu. SW	Cu. SSW
5..	S	2	S	1	SSE	2	N	1	Calm	....	Calm	....	1	10	Ci.-S.			10	Ci.-S.	Fr.-N. N
6..	Calm	....	Calm	....	Calm	....	S	2	Calm	....	Calm	....	.3	1	Ci.-S.			0	.....	Fr.-Cu. SSW
7..	Calm	....	Calm	....	N	1	NW	2	N	2	Calm	....	.8	2	Ci.-S.			2	Ci.-S.	Cu. NNW
8..	Calm	....	Calm	....	NW	2	NW	2	NW	2	Calm	....	1	8	Ci.-S.			5	Ci.-S.	Cu. NNW
9..	Calm	....	Calm	....	N	1	N	2	Calm	....	Calm	....	.5	7	Ci.-S.			3	Ci.-S.	Fr.-Cu. NNE
10..	S	2	Calm	....	Calm	....	NW	2	NW	2	NW	2	1.8	10	A.-S.			9	A.-Cu. N	.....
11..	NNW	1	Calm	....	NNW	2	NNW	2	Calm	....	Calm	....	.8	10	Ci.-S. ENE	Fr.-N. N		5	Ci.-S.	Fr.-Cu. N
12..	Calm	....	Calm	....	NNW	2	NNW	2	Calm	....	SW	1	.8	3	A.-Cu.			2	Ci.-S.	Cu. N
13..	Calm	....	NW	1	NW	2	NW	3	W	1	Calm	....	1.2	10	Ci.-S.	S.-Cu.NNW		9	Ci.-S.	Fr.-Cu.NNW
14..	Calm	....	Calm	....	W	2	W	2	WNW	1	Calm	....	.8	9	Ci.-S.	Fr.-Cu.		8	A.-Cu. NW	.....
15..	Calm	....	Calm	....	SW	2	WNW	3	Calm	....	Calm	....	.8	10	Ci.-S.			10	A.-S. NNW	.....
16..	Calm	....	SSW	2	S	2	Calm	....	S	1	S	3	1.3	9	Ci.-S.	Fr.-Cu.SW		10	A.-Cu. SW	S.-cu. SSW
17..	SE	2	Calm	....	ESE	3	SSE	3	SSE	2	S	2	2	10	A.-S. SSE			10	Ci.-S. WSW	Fr.-N. S
18..	S	2	S	2	S	2	Calm	....	S	2	S	2	1.7	3	Ci.-S.			9	A.-Cu.	S.-Cu.
19..	Calm	....	S	2	WNW	2	Calm	....	S	1	Calm	....	.8	7	A.-Cu.SW			5	A.-Cu.	.....
20..	Calm	....	Calm	....	N	2	NW	3	WNW	2	Calm	....	1.2	3	Ci.-S.			5	Ci.-S.	Cu. NNW
21..	Calm	....	W	1	W	2	W	2	Calm	....	Calm	....	.8	10	A.-Cu.	S.-cu.WNW		10	A.-S.	.....
22..	Calm	....	SSW	2	SSW	2	S	2	S	2	S	3	1.8	10	ci.-s. WNW	Fr.-N.SW		7	A.-Cu. SW	Cu. SSW
23..	S	2	S	1	S	2	N	2	Calm	....	Calm	....	1.2	7	Ci.-S. W	S.-Cu.SSW		10	Ci.-S.	Fr.-N.
24..	Calm	....	Calm	....	NW	2	NW	2	Calm	....	Calm	....	.7	1	Ci.-Cu.			2	Ci.-S.	Cu. NNW
25..	Calm	....	Calm	....	NW	2	NW	2	Calm	....	Calm	....	.7	2	Ci.-Cu.			1	Ci.-S.	Cu. NNW
26..	Calm	....	Calm	....	ENE	2	NE	2	Calm	....	E	2	1	8	Ci.-S.	Fr.-cu.ENE		1	Ci.-S.	Fr.-Cu. ENE
27..	E	2	Calm	....	NE	3	NE	2	ENE	3	NE	3	2.2	5	Ci.-S.	Fr.-cu.ENE		5	Ci.-S.	Cu. ENE
28..	NE	1	NE	2	NE	3	NE	2	SE	2	NE	2	2	3	.....	Fr.-cu.ENE		2	.....	Fr.-Cu ENE
29..	N	2	N	2	N	2	N	2	N	2	N	2	2	10	A.-S. NE	.....		7	A.-Cu. NE	Cu. NNE
30..	N	2	Calm	....	NNE	3	E	2	Calm	....	Calm	....	1.2	8	Ci.-S.	Fr.-Cu. NNE		9	Ci.-S.	.....
31..	NE	2	ENE	2	NE	2	E	3	Calm	....	Calm	....	1.5	5	Ci.-S.	Fr.-Cu. E		4	Ci.-S.	Cu. E
Mean	.....	0.7	.....	0.7	.....	1.9	.....	2	.....	0.9	.....	0.8	1.2	7	.....	.....		6.1	.....	.....

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+ [a]							Air temperature. [a]									Relative humidity. [a]							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.61	59.74	60.62	58.07	58.49	59.88	59.40	25.9	25.7	30.2	31.5	27.8	27	28	31.9	25.4	87	88	71	66	82	80	79	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.6
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	58.70	58.98	60.28	58.33	58.76	59.58	59.10	25.8	25.6	29	30.8	25.1	25.7	27	31.5	24.1	....	84	71	62	88	86	78.2	.5
5	58.70	59.20	60.51	58.17	58.86	60.21	59.28	25.8	26.2	30.2	31.2	27.7	26.9	28	31.6	25.7	86	84	71	71	86	88	81	.....
6	59.19	59.52	60.63	58.07	58.86	60.41	59.45	26.3	25.7	30.2	31.5	27.5	27.2	28.1	32.1	25.5	89	88	75	69	85	84	81.7	.....
7	59.28	59.83	60.71	58.80	58.95	60.04	59.60	26.4	26.1	30.6	29.7	25.6	26.4	27.5	31.7	25.4	88	89	71	77	94	92	85.2	26.9
8	59.20	59.83	61.08	59.16	59.46	60.59	59.89	26.2	25.7	29.3	31	27.7	27	27.8	32	25.5	92	91	76	70	76	84	81.5	.....
9	59.92	60.31	61.28	59.02	59.68	60.72	60.16	26.5	25.7	29.3	25.7	25.2	26.4	26.5	31.4	24.7	84	84	75	93	94	86	86	12.2
10	59.69	60.31	61.52	59.31	59.64	61.32	60.30	25.9	25.8	29.4	26.2	26.2	26.2	26.6	30.6	25.4	87	88	74	90	91	86	86	8.6
11	59.74	60.27	61.58	58.99	59.89	61.18	60.28	26.1	25.6	28.2	28.7	27.1	26.7	27.1	31.1	23.2	88	91	82	73	80	79	82.2	21.1
12	60.05	60.18	60.92	58.50	59.61	60.74	60	23.5	24.9	29.2	26.1	25.1	25.5	25.7	30.2	23.4	92	91	80	93	91	89	89.3	10.2
13	59.33	60.31	61.64	59.21	59.72	61.14	60.22	25.5	25.7	27.7	30.9	27.5	26	27.2	31.8	24.9	89	88	81	69	78	84	81.5	2.5
14	60.17	60.29	61.60	59.45	59.96	61.58	60.51	25.2	25.7	29.5	31.2	26.7	26.1	27.4	31.6	24.9	91	88	76	60	77	82	79	.....
15	60.49	60.69	61.60	59.03	59.59	61.06	60.41	25.3	25.6	30	29.5	25.7	25.5	26.9	31.4	24	85	84	71	73	92	81	81	7.3
16	59.78	59.99	60.99	58.77	59.08	60.53	59.86	24.8	24.4	29	29.8	26.4	24.1	26.4	31.2	23.3	91	92	76	73	85	97	85.7	9.4
17	58.85	59.54	60.51	58.60	59.36	60.40	59.54	24.7	24.7	29.4	29.6	24.9	24.1	26.2	30.9	23.9	91	92	75	73	92	97	86.7	12.4
18	59.38	60.10	61.31	59.07	59.79	60.59	60.04	24.7	23.1	26.9	29.4	26.5	25.3	26	30.7	22.9	92	92	75	66	77	80	80.3	.....
19	59.70	60.05	60.95	59.11	59.39	60.71	59.98	24	22.3	28.9	28.9	25.5	25.7	25.9	30.2	22.1	83	94	70	69	87	84	81.2	.....
20	59.87	60.64	61.80	59.60	59.72	60.94	60.43	25.5	24	29.5	30.2	26.3	26.6	27	30.8	23.8	88	92	70	68	86	77	80.2	.....
21	59.66	60.36	61.06	59.02	59.33	60.43	59.98	25.7	25	30	29.8	26.7	25	27	30.7	24.5	84	90	73	69	84	92	82	1.3
22	58.93	59.84	60.81	58.53	59.36	60.59	59.68	24.4	24	27.3	29.6	26.5	24.9	26.1	30.8	23.8	95	97	86	73	86	93	88.3	.....
23	59.49	60.02	60.65	58.36	59.27	60.62	59.74	25.4	24.3	30.2	31.2	26.6	25.6	27.2	32.3	23.8	96	97	75	68	87	93	86	.....
24	59.62	60.16	60.71	58.91	59.77	60.79	59.99	25	25.9	30.1	30.6	27	25.5	27.4	31.7	24.8	94	93	70	69	86	93	84.2	.....
25	59.67	60.30	60.63	58.79	59.19	60.46	59.84	25.3	24.7	29.2	29.1	26.6	25.3	26.7	29.8	24.5	94	95	78	76	88	94	87.5	.....
26	59.05	59.66	60.81	58.61	59.02	60.52	59.61	25.2	25.1	30	30.5	26.9	25.1	27.1	31.4	24.9	95	91	73	66	86	93	84	.....
27	59.51	60.30	61.18	58.57	59.38	60.12	59.84	24.9	24.3	29.4	31.3	26.9	26.5	27.2	31.9	24.1	94	97	76	67	86	89	84.8	.....
28	59.25	59.95	60.86	58.53	59.04	59.96	59.60	25.9	24.5	29.5	30.4	26.9	26.4	27.3	31.7	24.3	92	94	76	68	86	85	83.5	.....
29	59.18	60.16	60.83	58.82	59.40	60.59	59.83	26	25.2	30.2	30.3	27.3	26.7	27.6	31.4	24.7	86	91	74	73	86	82	82	.....
30	59.59	59.68	60.86	58.96	59.76	61.18	60	25.2	25.8	28.5	26.6	25.8	25.2	26.2	30.3	24.5	89	89	78	91	89	92	87.8	14.5
Mean	59.49	60.01	61	58.80	59.37	60.60	59.88	25.4	25	29.3	29.7	26.5	25.9	27	31.2	24.4	89.7	90.5	75	72.7	85.9	87.2	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135.5

Day.	Wind. [a]														Clouds. [a]					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1	Calm	....	Calm	....	NE	2	N	2	N	1	N	2	1.2	5	.....	S.-Cu. NE	6	Ci.-S.	Cu. NNE	
2	N	1	ENE	2	.....	.....	.....	.....	.....	.....	.....	.....	....	4	A.-Cu.	Fr.-Cu. E	....	.....	.....	
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
4	.....	.....	NE	2	NE	3	NE	2	Calm	....	Calm	....	1.4	7	Ci.-S.	S.-Cu. ENE	5	Ci.-S.	Fr.-Cu.ENE	
5	NE	1	NE	2	NE	2	NE	2	Calm	....	E	2	1.5	10	A.-Cu. E	Fr.-Cu.ENE	2	Ci.-S.	Fr.-Cu.ENE	
6	E	2	NE	2	NE	2	NE	2	Calm	....	NE	3	1.8	3	Ci.-S.	Fr.-Cu. NE	2	.....	Fr.-Cu.ENE	
7	NE	1	NE	2	NE	3	NE	2	E	1	NE	2	1.8	2	Ci.-Cu.	Fr.-Cu. NE	4	.....	Cu. ENE	
8	NE	2	NE	1	NE	3	NE	2	NE	3	NE	3	2.3	3	Ci.-S.	Cu. ENE	3	Ci.-S.	Fr.-Cu.ENE	
9	NE	2	NE	2	NE	3	NE	2	NE	2	NE	3	2.3	9	A.-Cu.	.....	10	Ci.-S.	N. ENE	
10	NE	2	NE	2	NE	3	NE	2	Calm	....	NE	2	1.8	7	Ci.-S.	S.-Cu. ENE	9	A.-Cu. E	.....	
11	NE	2	NE	2	NE	2	NE	3	NE	3	NE	2	2.3	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu. ENE	
12	NE	2	NE	2	NE	2	NE	2	NE	3	NE	2	2.2	10	A.-Cu. E	S.-Cu. ENE	9	Ci.-S.	S.-Cu. ENE	
13	NE	2	NE	2	NE	3	NE	3	NE	3	NE	2	2.5	1	Ci.-Cu.	.....	3	Ci.-Cu.	Fr.-Cu.ENE	
14	Calm	....	NE	2	NE	2	NE	3	Calm	....	NE	2	1.5	6	A.-Cu. E	Fr.-Cu.ENE	1	.....	Fr.-Cu.ENE	
15	NE	2	NE	2	NE	2	NE	1	NE	1	NE	2	1.7	9	Ci.-S.	S.-Cu. ENE	10	Ci.-S.	Fr.-N. ENE	
16	NE	2	NE	2	NE	3	NE	2	E	2	NE	2	2.2	9	A.-Cu. E	.....	5	Ci.-S.	Cu. ENE	
17	NE	2	NE	2	NE	2	N	2	NE	2	Calm	....	1.7	1	.....	Fr.-Cu.ENE	2	Ci.-S.	Fr.-Cu.NNE	
18	NE	3	Calm	....	NE	2	N	1	NE	2	NE	1	1.5	10	Ci.-S.	Fr.-N. E	5	Ci.-S.	Fr.-Cu.NNE	
19	Calm	....	Calm	....	NE	2	NE	2	Calm	....	NE	2	1	1	Ci.-S.	.....	9	A.-Cu.	Fr.-Cu.ENE	
20	Calm	....	Calm	....	NE	2	NE	2	Calm	....	NE	2	1	2	.....	Fr.-Cu.ENE	2	.....	Fr.-Cu.ENE	
21	NE	2	Calm	....	NE	2	NE	2	NE	2	Calm	....	1.3	2	.....	Fr.-Cu. NE	4	Ci.-S.	Fr.-Cu.ENE	
22	Calm	....	Calm	....	N	2	NE	2	Calm	....	Calm	....	.7	5	Ci.-S.	S.-Cu. NE	3	Ci.-S.	Fr.-Cu.ENE	
23	Calm	....	Calm	....	NE	2	NE	1	Calm	....	Calm	....	.5	6	Ci.-S.	S.-Cu. NE	1	Ci.	.....	
24	Calm	....	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.7	8	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	Fr.-Cu.ENE	
25	Calm	....	Calm	....	NE	2	NE	1	Calm	....	Calm	....	.5	10	Ci.-S.	S.-Cu. ENE	7	A.-Cu. E	Fr.-Cu.ENE	
26	Calm	....	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.7	1	Ci.-Cu.	.....	1	Ci.-S.	Cu. ENE	
27	Calm	....	Calm	....	NE	2	NE	2	Calm	....	Calm	....	.7	3	A.-Cu.	Fr.-Cu.ENE	2	.....	Fr.-Cu.ENE	
28	Calm	....	Calm	....	N	2	N	2	Calm	....	N	2	1	4	Ci.-S.	S.-Cu. NNE	7	A.-Cu. NE	Fr.-Cu.NNE	
29	Calm	....	N	1	N	2	N	2	N	2	N	2	1.5	8	A.-Cu. NE	S.-Cu. NNE	4	.....	Fr.-Cu.NNE	
30	Calm	....	N	2	N	3	N	1	N	2	N	2	1.7	7	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N. NNE	
Mean	.....	1.	.....	1.1	.....	2.3	.....	1.9	.....	1	.....	1.4	1.5	5.6	.....	.....	5	.....	.....	

[a] 28 days of observation.

CAPIZ.

[ϕ=11° 35′ N; λ=122° 45′ E; barometer above sea, 6.7 meters; gravity correction not applied, —1.81 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct*	*P.ct.*	*P.ct.*	*mm.*
1	60	60.32	61.10	59.06	58.98	60.63	60.02	24.6	24	29.3	27.5	26.5	25.7	26.3	30.1	23.8	93	94	77	84	89	88	87.5	4.1
2	59.86	59.95	61.05	58.71	59.39	60.39	59.89	24.7	25.1	29.2	29.5	26.5	26.2	26.9	30.3	24.2	90	91	74	70	83	83	81.8	.....
3	59.53	60.02	61.03	58.69	59.14	60.33	59.79	25	24.7	29.6	28.8	27	26.1	26.9	31	24.5	90	88	72	73	77	76	79.3	2
4	59.87	60.04	60.40	58.93	59.37	60.08	59.78	25.5	23.7	25.7	27	26.4	26	25.7	28.4	23.5	80	92	82	78	86	90	84.7	.....
5	58.98	59.26	60.97	59.74	60.04	61.46	60.08	25.9	26	26.1	25.8	26.3	25.5	25.9	26.8	24.7	91	92	91	91	82	80	87.8	12.5
6	60.63	60.98	62.22	60.23	60.53	62.01	61.10	25	25.3	27.6	29.8	26.3	24.6	26.4	30.4	24.4	82	81	76	66	82	84	78.5	.....
7	60.98	61.28	62.27	60.06	60.38	61.33	61.05	24.4	24.6	29.2	29.7	26.1	24.9	26.5	30.9	24.2	87	87	68	67	80	76	77.5	.....
8	60.78	61.37	62.51	60.43	60.98	61.79	61.31	24.5	23.2	29	29.3	26.2	25.2	26.2	30.7	23	78	82	62	60	77	74	72.2	.....
9	60.62	60.68	61.87	59.22	59.87	60.62	60.48	24.6	24.3	28.2	30	26.3	25.1	26.4	30.1	23.7	85	86	69	62	80	80	77	.....
10	59.99	60.68	61.28	59.06	59.58	60.42	60.17	24.7	24.8	29.5	30.3	26.8	25	26.8	31.3	24.2	81	83	64	66	80	87	76.8	.....
11	59.21	59.74	60.41	58.34	59.38	60.07	59.52	24.2	25.2	28.2	28.2	26.1	25.9	26.3	29.5	24	88	86	75	76	89	85	83.2	.....
12	58.79	59.35	60.22	58.19	59.24	59.52	59.22	25.3	25.2	27.5	26.9	24.5	24.7	25.7	30.1	24.3	88	89	79	83	96	93	88	7.2
13	58.48	58.79	59.55	57.76	59.02	59.97	58.93	25.1	24.9	28.5	28.3	26.1	24.7	26.3	30	23.8	92	92	78	82	89	96	88.2	4.1
14	59.30	59.74	60.41	58.18	59.03	59.96	59.44	24.4	23.7	29.3	30.2	27.1	26.5	26.9	30.7	23.5	96	96	76	71	85	86	85	.....
15	59.31	59.82	60.93	59.65	60.06	61.08	60.14	25.9	25.6	28.7	30.4	26.3	25.4	27	31.1	24.7	88	90	73	67	89	80	81.2	.....
16	60.25	60.28	61.52	59.75	60.42	61.23	60.58	24.5	23.2	28.4	29.5	26.6	26.3	26.4	30.6	23	87	94	75	70	82	81	81.5	.....
17	60.47	60.62	61.78	59.67	59.78	60.96	60.55	25.6	25.6	26	27.9	26.1	24.8	26	28.3	24.6	87	88	94	82	88	89	88	2
18	60.71	61.30	62.24	59.96	60.47	61.80	61.08	25.2	24.6	28.5	29.8	25.5	24.6	26.4	30.4	24.4	89	91	74	69	87	83	82.2	.....
19	61.10	61.37	62.37	60.59	61.37	62.26	61.51	23.9	23.8	27.7	27.6	25.3	25	25.6	28.6	23.1	84	85	73	75	87	92	82.7	2
20	61.29	61.60	61.68	59.61	60.53	61.21	60.99	23.9	23.8	27.2	28.3	25.9	24.9	25.7	29.3	23.6	92	91	80	70	85	92	85	.5
21	60.23	60.50	61.21	58.97	59.41	60.24	60.09	24.9	24.9	27.8	27.8	25.6	23.8	25.8	29.3	23.6	91	90	76	76	88	93	85.7	.....
22	59.20	59.60	60.96	58.93	58.79	59.48	59.49	24.4	24.3	27.8	28.2	25.2	24.4	25.7	30.6	24.1	87	86	74	70	81	87	80.8	.....
23	58.50	58.99	60.39	58.41	59.08	59.43	59.13	25.3	25.2	27.2	28.9	25.6	26	26.4	29.7	24.7	80	81	70	65	74	76	74.3	.3
24	58.33	58.61	59.66	57.57	57.90	58.25	58.39	25.3	25.2	28	28.5	26.5	26.5	26.7	30.1	24.5	81	82	68	64	70	70	72.5	.....
25	56.46	56.15	55.52	51.13	49.76	50.29	53.22	26.4	25.9	23.9	24.1	23.6	23.5	24.6	26.7	23.2	70	69	89	90	91	92	83.5	52.8
26	52.72	56.22	58.15	56.35	57	58.81	56.54	24.4	21.8	24.7	27.5	24.3	22.4	24.2	28	21.6	91	94	86	68	82	89	85	1
27	57.86	58.94	59.92	58.26	59.10	60.64	59.12	22.1	21.7	29.2	28.5	26	23.9	25.2	29.4	21.4	91	96	67	78	89	95	86	.....
28	59.47	59.95	61.53	59	59.24	60.64	59.97	22.5	21.4	26.9	29.3	26.3	25.3	25.3	30.4	21.2	96	96	82	69	84	95	87	34.5
29	59.63	59.89	61.27	59.03	59.84	60.93	60.10	25.3	24.8	26	29.6	25.6	24.7	26	30	23.9	95	96	94	76	91	94	91	44.4
30	60.40	60.63	61.54	59.78	60.17	61.44	60.66	24	24.5	28.3	29.5	25.5	25	26.1	30.4	23.8	95	93	77	68	87	91	85.2	.....
31	60.58	61.08	62.41	60.27	60.44	61.43	61.04	24.1	23.3	28.4	28.8	24.7	24.5	25.6	29.8	23	91	93	71	69	90	92	84.3	2.3
Mean	59.47	59.93	60.92	58.82	59.30	60.28	59.79	24.7	24.3	27.8	28.6	25.9	25.1	26.1	29.8	23.7	87.6	88.8	76.3	72.7	84.5	86.1	82.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.7

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	Calm	....	N	2	NNE	2	N	2	N	2	N	2	1.7	8	Ci.-S.	Fr.-N. NNE	8	Ci.-S.	S.-Cu. NNE
2	Calm	....	N	2	N	2	N	2	NE	1	N	2	1.5	8	A.-Cu.	S.-Cu. NNE	7	Ci.-S.	Fr.-Cu.NNE
3	N	1	Calm	....	N	2	N	2	N	2	N	2	1.5	5	Ci.-S.	Fr.-Cu.NNE	9	A.-Cu. NE	.....
4	N	1	N	2	NE	2	NE	2	NE	3	NE	2	2	10	Ci.-S.	N. NNE	10	A.-S. E	.....
5	NE	1	NE	2	NE	3	NE	2	NE	2	NE	3	2.2	10	A.-S. E	.....	10	Ci.-S.	Fr.-N. ENE
6	NE	2	NE	2	NE	2	NE	2	NE	2	NE	3	2.2	8	Ci.-S.	S.-Cu. ENE	2	Ci.-S.	Cu. ENE
7	NE	2	NE	2	NE	2	N	2	NNE	2	NE	3	2.2	9	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	Fr.-Cu.NNE
8	NE	2	NE	2	NE	2	N	2	N	2	Calm	....	1.7	6	A.-Cu.	S.-Cu. ENE	1	Ci.-S.	S.-Cu. NNE
9	NNE	2	NNE	2	NNE	2	N	2	Calm	....	N	2	1.7	5	Ci.-S.	Fr.-Cu. NE	5	Ci.	Fr.-Cu.NNE
10	Calm	....	NE	2	NE	2	N	2	N	2	Calm	....	1.3	8	Ci.-S.	S.-Cu. NE	5	A.-Cu. NE	Fr.-Cu.NNE
11	Calm	....	N	2	N	2	N	2	N	1	N	2	1.5	9	Ci.-S.	S.-Cu. NNE	10	A.-S. NE	.....
12	N	1	Calm	....	NE	2	N	2	Calm	....	N	2	1.2	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	N. NNE
13	N	2	Calm	....	NE	2	N	2	Calm	....	Calm	....	1	8	A.-Cu. NE	Fr.-Cu.NNE	8	A.-Cu. NE	Fr.-Cu.NNE
14	Calm	....	Calm	....	NNE	2	ENE	2	Calm	....	N	3	1.2	4	Ci.-S.	Fr.-Cu. NE	1	.....	Fr.-Cu. E
15	NE	2	NE	2	NE	3	N	3	Calm	....	N	3	2.2	9	Ci.-S.	S.-Cu. ENE	3	Ci.-Cu. ENE	Fr.-Cu.NNE
16	N	1	Calm	....	N	2	N	2	Calm	....	NE	2	1.2	5	Ci.-S.	S.-Cu. NNE	3	Ci.-S.	Cu. NNE
17	Calm	....	N	1	Calm	....	N	2	Calm	....	Calm	....	.5	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NNE
18	NE	1	NE	1	NE	2	NE	2	Calm	....	E	1	1.2	9	Ci.-S.	S.-Cu. ENE	9	Ci.-S.	Fr.-Cu.ENE
19	Calm	....	Calm	....	NE	2	NE	2	N	2	Calm	....	1	9	A.-Cu.	.....	8	A.-Cu. E	.....
20	Calm	....	Calm	....	N	2	NE	2	NE	2	NE	2	1.3	10	A.-Cu.	.....	9	A.-Cu. E	.....
21	N	2	N	1	NE	2	Calm	....	Calm	....	Calm	....	.8	10	Ci.-S.	S.-Cu. NNE	9	Ci.-S.	.....
22	Calm	....	Calm	....	N	2	N	2	Calm	....	Calm	....	.7	9	Ci.-Cu.	S.-Cu. ENE	9	A.-Cu. NE	.....
23	N	2	N	2	NNW	2	NW	3	W	2	NW	3	2.3	10	A.-Cu. NE	.....	8	A.-Cu. N	.....
24	NW	1	NW	3	NW	3	WNW	3	WNW	3	WNW	3	2.7	7	Ci.-S. NE	S.-Cu.NNW	10	A.-Cu. NNW	S.-Cu. NW
25	WNW	4	W	3	W	3	WSW	3	SW	5	SW	5	3.8	10	A.-S. NW	.....	10	Ci.-S. NNW	N. W
26	S	3	SSE	4	SSE	2	SSE	3	SW	1	Calm	....	2.2	10	Ci.-S.WSW	N. S	8	A.-Cu SSW	.....
27	Calm	....	Calm	....	SW	2	NE	2	Calm	....	Calm	....	.7	7	A.-Cu.	.....	10	A.-Cu.	.....
28	Calm	....	Calm	....	Calm	....	N	2	Calm	....	N	1	.5	1	Ci.-S.	.....	1	.....	Cu. NNE
29	N	2	N	2	N	2	N	2	Calm	....	Calm	....	1.3	10	Ci.-S.	Fr.-N. NNE	8	A.-Cu.	Cu. NNE
30	Calm	....	Calm	....	N	2	NE	2	Calm	....	Calm	....	.7	8	A.-Cu.	S.-Cu. NNE	5	.....	Fr.-Cu.ENE
31	Calm	....	Calm	....	E	3	NE	2	Calm	....	NE	2	1.2	3	Ci.-S.	Fr.-Cu. NE	4	.....	Fr.-Cu.
Mean	.....	1	.....	1.3	.....	2	.....	2.1	.....	1.1	.....	1.5	1.5	7.9	.....	.....	7	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.68	58.81	59.64	58.19	58.82	60.45	59.10	23.2	23	26.4	24.7	24	23.5	24.1	28	22.9	96	97	87	94	94	94	93.7	13.9
2..	58.90	59.83	60.45	58.61	59.25	60.23	59.54	22.8	22.5	27.8	28.4	24.8	33.9	25	29.7	22.4	96	97	82	76	90	94	89.2	.....
3..	59.32	59.71	60.86	58.68	59.21	60.71	59.75	23.1	23	24	25	23.8	22.8	23.6	27.3	22.7	96	97	94	92	94	96	94.8	77.6
4..	59.13	59.41	60.91	58.89	59.49	61.06	59.82	22.6	22.7	23.3	22.9	22.6	23.1	22.9	23.6	22.1	97	97	97	97	97	96	96.8	54.3
5..	59.59	60.02	61.28	58.97	59.49	60.14	59.92	22.9	22.5	23.4	23.4	22.6	22.2	22.8	23.7	21.7	97	97	94	93	94	94	94.8	20.3
6..	59.27	60.04	61.09	58.83	59.08	60.07	59.73	22.1	22	23	24.1	22.8	22.8	22.8	24.4	21.6	94	93	95	92	94	95	93.8	35
7..	58.89	59.24	60.94	59.17	60.14	61.69	60.01	22.7	22.6	22.4	22.7	22.7	22.2	22.6	23.2	21.9	95	96	97	96	94	94	95.3	45.7
8..	60.67	61.24	62.01	60.40	60.87	61.97	61.19	21.8	21.7	23.3	24.7	22.4	22.1	22.7	26.4	21.3	89	90	83	75	80	80	82.8	.5
9..	60.82	61.64	61.86	60.01	61.12	61.47	61.15	21.3	20.7	25.3	25.5	21.6	21.8	22.7	26.3	20.5	83	82	69	71	90	90	80.8	.5
10..	60.11	60.53	61.37	60.25	60.24	61.04	60.59	21.8	21.6	25.1	23.4	22.4	22.8	22.8	25.4	21.4	89	89	80	92	93	91	89	5.5
11..	59.88	60.59	61.37	60.21	59.95	60.88	60.48	22.4	21.7	24.1	24.4	24	23.7	23.4	25.4	21.4	94	96	87	89	88	90	90.7	2.6
12..	59.62	59.63	60.83	59.56	59.17	59.98	59.80	23	23	23.6	23	22.8	22.7	23	23.9	22.4	94	93	95	97	94	94	94.5	69.8
13..	59.17	59.08	61.13	58.42	59.08	59.35	59.37	22.7	22.1	23.6	25.7	24.6	23.2	23.6	26.2	21.9	94	96	91	89	93	94	92.8	7.8
14..	58.98	59.33	60.39	58.86	59.17	60.60	59.56	22.7	22.1	26.4	25	23.8	23.7	24	26.8	21.7	95	96	82	91	93	94	91.8	32.9
15..	59.71	60.27	61.33	59.91	60.52	61.70	60.57	23.3	23.2	25	24.7	23.2	22.9	23.7	26.7	22.5	96	96	95	89	95	96	94.5	99
16..	60.63	60.84	60.86	58.79	59.53	60.81	60.24	22.6	22.2	24.3	27.2	23.7	22.9	23.8	27.8	22	97	97	92	78	94	94	92	3.1
17..	59.98	59.52	60.08	58.03	58.88	59.59	59.35	22.8	22.4	26	24.5	23.1	22.8	23.6	28.4	22.3	95	95	82	87	94	95	91.3	30.1
18..	58.39	58.91	59.69	58.18	58.94	59.77	58.98	22.7	22.3	28.5	25.2	23	22.8	24.1	29	22.1	96	97	75	83	94	94	89.8	14.8
19..	58.56	58.36	59.02	57.14	58.38	59.81	58.54	22.9	22.4	28.5	29.4	25.6	24.6	25.6	30.1	22.2	95	96	75	78	88	93	87.5	1.8
20..	58.58	59.30	60.14	57.89	58.81	59.96	59.11	23.4	22.8	28.5	28.6	25.2	24.2	25.4	31	22.6	95	97	70	76	85	91	85.7	3.3
21..	58.78	59.23	60.30	58.32	58.87	59.81	59.22	23.8	22.5	25.7	26.4	23.6	22.8	24.1	28.3	22.4	92	94	82	79	90	93	88.3	.8
22..	58.51	58.98	60.22	58.56	60.03	61.43	59.62	22.6	22.1	25.2	26	22.7	21.8	23.4	26.9	21.4	92	93	82	76	89	91	87.2	2.3
23..	58.52	58.86	59.98	57.56	58.20	59.08	58.70	21.6	21.7	25.6	26.2	23.8	23.8	23.6	26.7	21.5	91	90	81	78	91	92	87.2	1.8
24..	57.88	58.19	58.69	56.60	57.49	58.35	57.87	22.7	22.7	24	24.5	23.8	23.7	23.6	24.8	22.5	96	97	91	88	91	91	92.3	30.8
25..	56.85	57.80	58.88	57.05	57.75	58.69	57.84	23.2	23	23.9	24.6	22.4	22.3	23.2	25.2	22.1	95	96	96	92	93	93	94.2	41.9
26..	57.38	58.04	59.73	58.25	58.76	59.11	58.54	22.4	22.4	23.5	24	22.7	22.6	22.9	24.5	22.2	93	93	92	94	95	93.3	10.7
27..	58.33	58.05	58.83	57.04	57.74	59.15	58.19	22.7	22.7	25.2	24.7	23.4	23.3	23.7	25.5	22.5	94	95	87	89	91	91	91.2	14.9
28..	58.15	58.50	58.88	56.83	57.68	58.81	58.14	22.8	22.6	24.9	27	23.7	22.3	23.9	27.6	21.9	95	96	84	77	85	94	88.5	2.1
29..	58.14	58.29	59.65	57.73	58.15	59.17	58.52	22	21.9	23.8	25.2	23.8	22.9	23.3	26.2	21.8	95	93	89	80	88	95	90	.8
30..	57.94	58.16	58.81	56.71	57.60	58.66	57.98	22.8	22.6	24.9	27	23.9	23.3	24.1	27.7	22.4	95	97	90	83	92	96	92.2	29.4
31..	57.90	58.88	60.02	58.07	59.11	60.12	59.02	23.3	23.1	25.7	25.6	23.8	22.8	24	26.7	22.6	96	96	89	88	89	94	92	36.8
Mean	58.94	59.33	60.30	58.44	59.08	60.12	59.37	22.7	22.4	25	25.3	23.4	23	23.6	26.6	22	94.1	94.6	86.6	85.7	91.3	93	90.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	690.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	Calm	NE	Calm	N	Calm	14	22.8	18	10.7	65.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. E
2..	Calm	Calm	N	N	N	Calm	8.9	41	57.4	14	121.3	8	A.-Cu. SE	S.-Cu.	7	Ci.	S.-Cu. N
3..	Calm	NNE	NE	NNE	Calm	Calm	4.2	35.4	24.7	20.7	85	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
4..	N	Calm	Calm	N	N	NE	8.3	12.6	58.4	29.5	108.8	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N.
5..	NNE	N	N	NNE	N	N	21.1	20.7	30.1	43.1	115	10	Ci.-S.	N.	10	Ci.-S.	N. NE
6..	N	Calm	N	N	N	Calm	30.4	30.9	45.3	26.8	133.4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. NNE
7..	Calm	N	NNE	Calm	Calm	N	18.7	29	8	19	74.7	10	Ci.-S.	N. NNE	10	Ci.-S.	N.
8..	NNE	N	NNE	NNE	N	NNE	50.5	67.3	78.3	77.5	273.6	10	Ci.-S.	N. NNE	10	Ci.-S.	S.-Cu. NNE
9..	NNE	NNE	NNE	NNE	N	NNE	67.3	83.9	68.4	49.4	269	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NNE
10..	NNE	Calm	N	Calm	N	N	31.4	33	25.1	34	123.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
11..	Calm	Calm	NNE	ENE	N	Calm	4.8	28.7	25.2	16.7	75.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. ENE
12..	NNE	NNE	Calm	Calm	Calm	N	17.1	25.2	23.1	10	75.4	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	Fr.-N.
13..	Calm	N	N	NNE	Calm	N	13.9	28.5	11	14.8	68.2	10	Ci.-S.	Fr.-N.	10	Ci.-S.	S.-Cu. NE
14..	Calm	Calm	NNE	NE	NE	NNE	11.8	30.9	47.7	14.7	105.1	7	Ci.	S.-Cu.	9	Ci.-S.	N. ENE
15..	Calm	Calm	N	N	N	Calm	2.1	23.9	35.7	6.1	67.8	10	Ci.-S.	N.	10	Ci.-S.	N. NNE
16..	Calm	Calm	N	NNE	N	Calm	15.8	29	61.7	14.8	121.3	10	Ci.-S.	N. ENE	8	Ci.-S.	S.-Cu. NE
17..	Calm	N	N	N	Calm	Calm	11.8	47.8	42.6	5.3	107.5	8	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NNE
18..	Calm	Calm	NE	N	Calm	Calm	8.3	27.1	30 6	17.5	83.5	8	A.-Cu.	s.-cu. ENE	10	Ci.-S.	N. NE
19..	Calm	Calm	E	S	NW	NNE	9.1	34.1	37	19.8	100	6	Ci.-S.	s.-cu. ENE	6	Ci.-S.	Cu. E
20..	Calm	Calm	NE	N	N	Calm	8.7	34	42	8.3	93	8	Ci.-S.	s.-cu. ENE	9	Ci.-S.	S.-Cu. NE
21..	Calm	Calm	NNE	NNE	NNE	NNE	12.7	55.3	73.7	32.4	174.1	10	Ci.-S.	N. NNE	9	Ci.-S.	S.-Cu. NE
22..	NNE	NNE	NNE	NNE	NNE	NNE	35.6	70.2	78.7	57.3	241.8	9	Ci.-S.	s.-cu. NNE	9	Ci.-S.	S.-Cu. NNE
23..	NNE	N	NNE	N	N	Calm	66.8	51.5	48.6	9.9	176.8	9	Ci.-S.	S.-Cu. N	9	Ci.-S.	S.-Cu. N
24..	Calm	Calm	N	N	N	Calm	2.1	27.6	38.9	7	75.6	9	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
25..	Calm	Calm	N	N	N	N	9.2	19.6	30.8	37	96.6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NNE
26..	N	N	N	N	Calm	N	33.8	42.9	20.4	17.5	114.6	10	Ci.-S.	N. NNE	10	Ci.-S.	N. NNE
27..	Calm	N	NE	N	Calm	Calm	13.4	30	26.9	13.2	83.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
28..	Calm	Calm	N	N	N	NNE	15.8	53.6	71.4	45.4	186.2	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NNE
29..	N	N	N	N	Calm	Calm	30.4	40.8	51.2	9.7	132.1	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
30..	Calm	Calm	Calm	N	Calm	Calm	2.2	22	34.1	11.9	70.2	10	Ci.-S.	s.-cu. NNE	9	Ci.-S.	S.-Cu. NE
31..	Calm	Calm	N	NNE	N	N	1.4	22	45.9	45.3	114.6	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
Mean	.....	.....	.....	.....	.....	.....	18.8	36.2	41.6	23.8	120.4	9.3	.....	.....	9.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,733.1	.....	.....	.....	.....	.....	.....

CALBAYOG.

[$\phi = 12°\ 04'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.37	59.89	61.13	59.12	59.96	60.71	60.03	22.8	22.3	23.5	26.5	23.6	23.5	23.7	26.8	22.1	94	93	91	77	90	92	89.5	4.9
2	59.39	59.48	61.09	58.70	59.13	59.93	59.62	23.1	22.9	24	26.7	24	23.7	24.1	27	22.7	93	94	95	82	91	91	91	21.1
3	58.64	59.15	59.91	58.39	58.86	59.81	59.13	23	22.9	25.8	25.1	24.6	24.2	24.3	26.2	22.6	96	97	89	88	95	94	93.2	9.1
4	58.71	59.20	59.86	57.46	57.46	58.93	58.60	23.8	23.1	....	27.7	26.6	23.7	25	[a]28.3	22.8	95	96	....	81	81	92	[a]89	.....
5	57.94	58.75	59.73	57.29	57.55	58.36	58.27	22.4	21.3	26	27.8	26.8	23.6	24.6	28.6	21.1	96	97	84	76	81	94	88	.....
6	57.95	58.20	59.10	56.45	56.78	57.94	57.74	22	20.8	26.9	27.9	26.8	23.8	24.7	29.2	20.7	96	97	76	74	80	94	86.2	3
7	57.47	57.80	59.17	57.02	57.81	58.97	58.04	21.9	22.6	24.5	27.2	24.3	22.9	23.9	28.5	21.7	96	97	93	70	82	85	87.2	2.6
8	58.61	59.28	59.91	58.32	59.27	60.63	59.34	21.9	21.5	26.8	27.8	23.9	21.5	23.9	28.6	20.6	91	87	62	53	77	90	76.7	.....
9	59.63	59.98	61.17	58.71	59.92	60.59	60	20	19.3	25.2	27.3	24.5	23.3	23.3	27.6	19.2	95	97	82	71	85	93	87.2	64.7
10	59.73	59.58	60.07	58.35	59.69	59.81	59.54	23.1	23.4	24.5	23.7	23.6	23	23.6	25	22.8	97	96	94	92	90	94	93.8	50.8
11	58.60	59.11	60.88	57.89	58.20	59.43	59.02	23	23.9	23.7	25.9	24.8	24.6	24.3	27.3	22.9	93	89	95	81	88	90	89.3	10.2
12	57.69	58.82	59.71	58.06	59.37	60.23	58.98	24.3	23.9	24.5	25	23.8	22.9	24.1	25.2	22.6	91	95	92	94	95	95	93.7	48.5
13	59.74	60.03	60.17	58.33	58.68	59.51	59.41	22.8	22.9	24	25.1	24.3	23.3	23.7	25.4	22.4	96	97	91	87	89	93	92.2	12.7
14	59.03	59.12	59.55	57.65	58.24	59.38	58.83	21.9	21.9	27.9	27.5	25.4	24	24.8	29.2	21.2	96	96	75	77	84	91	86.5	.....
15	58.45	59.06	60.02	57.35	58.92	60.03	58.97	22.7	22.8	25.1	28.4	26.5	24.1	24.9	28.9	22.4	96	96	90	71	81	94	88	.5
16	59.27	60.29	61.27	58.84	59.51	60.92	60.02	22.7	21.5	28.2	29.8	25.9	24.2	25.4	31	21.4	96	96	73	60	79	91	82.5	16.6
17	59.86	60.41	61.68	59.57	60.61	61.70	60.64	23.8	23.5	24	24.3	23.2	23	23.6	26	22.7	95	96	95	92	89	90	92.8	45.4
18	60.33	60.78	61.64	59.47	60.43	61.79	60.74	22.2	22	24.8	24.8	22.8	22.2	23.1	26	21.6	95	96	80	79	88	89	87.8	1.3
19	60.63	61.05	62.42	60.59	61.13	62.28	61.35	21.4	21	23.8	23.5	22.8	20.9	22.2	26.2	20.7	89	89	78	82	86	89	85.5	1.3
20	60.94	61.39	62.88	60.47	60.93	62.08	61.45	20.8	21.3	25	24.1	23.1	21.1	22.6	26.7	20.6	89	92	71	70	75	88	80.8	.8
21	61.44	61.73	63.37	60.75	60.79	62.12	61.70	21.2	21.2	24.7	25.7	24	20.8	22.9	27	19.8	87	87	75	78	77	94	83	.....
22	61.28	61.79	63.01	61.14	61.39	62.77	61.90	19.3	18.7	25	21.7	23.6	21.7	21.7	26.6	18.6	95	97	85	85	70	83	85.8	2.8
23	61.54	62.03	62.71	60.76	61.81	63.10	61.99	19	17.5	25.8	26.9	22.1	19.9	21.9	28.1	17.4	94	96	67	56	79	92	80.7	.3
24	61.54	62.26	63.16	61.12	61.72	62.33	62.02	18.8	17.9	27.1	26.7	23.7	23	22.9	29	17.7	94	96	62	68	86	92	83	17
25	60.82	61.03	62.33	60.40	61.07	62.34	61.33	22.9	23	24.7	25.2	24.7	23.7	24	26.9	22.7	97	96	94	88	89	93	92.8	22.6
26	60.92	61.27	61.77	59.70	60.52	61.89	61.01	22.8	21.1	25.7	27.8	25.2	22.9	24.2	28.3	21.1	96	96	85	76	78	94	87.5	1.8
27	61.03	61.89	62.27	60.38	60.70	61.99	61.38	22.2	20.5	27.9	30.4	25.9	22.6	24.9	31.4	20.4	96	96	68	52	74	93	79.8	.....
28	61.32	61.55	61.70	59.61	60.45	61.45	61.03	20.8	19.6	28	29.5	24.4	22.9	24.2	31.2	19.4	94	97	67	64	87	94	83.8	1.6
Mean	59.71	60.18	61.13	59		59.68	60.75	60.07	22		21.6	25.4	26.4	24.5	22.9	23.8	27.7	21.1	94.2	94.8	81.8	75.9	83.8	91.6	87	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	339.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNE	NNE	NE	NE	N	.....	.....	.....	.....	.....	10	Ci.-S.	N. NE	9	Ci.-S.	S.-Cu. NE
2	N	NNE	NE	NE	Calm	Calm	.....	.....	.....	.....	.....	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
3	Calm	NNE	NE	ENE	Calm	Calm	17.7	35.7	20.4	8	81.8	10	Ci.-S.	N. NE	10	Ci.-S.	N. ENE
4	N	N	S	SW	Calm	N	21.1	34.6	26.4	15.3	97.4	8	A.-Cu. E	S.-Cu.	7	Ci.	Cu. E
5	N	N	S	Calm	Calm	N	20.9	31.6	16.6	22.5	91.6	3	.....	S.-Cu.	2	Ci.	Cu.
6	N	N	SE	SSW	N	N	23	42	39.6	13.9	118.5	2	Ci.	Cu.	3	Ci.	Cu.
7	Calm	NNW	NNE	N	N	N	17.5	48	70.5	48	184	10	Ci.-S.	N.	9	Ci.-S.	S.-Cu.NbyE
8	N	NNW	N	N	NNE	N	35.9	77	91.7	10.5	215.1	7	Ci.-S.	S.-Cu. N	6	Ci.	Cu. NbyE
9	Calm	Calm	N	N	N	NNW	16.7	30.4	62.2	17.9	127.2	8	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NNE
10	Calm	NNW	N	NNE	N	N	14.7	24.4	36.8	29.6	105.5	10	Ci.-S.	N. NNE	10	Ci.-S.	N. NNE
11	NNE	NNE	NNE	N	N	N	49.3	32.7	65.7	31.4	179.1	10	Ci.-S.	N. NNE	10	Ci.-S.	s.-cu. NNE
12	NNE	Calm	NE	Calm	Calm	Calm	32.8	31.6	19.9	23.9	108.2	10	Ci.-S.	S.-Cu. E	10	Ci.-S.	N. E
13	Calm	Calm	NNE	NE	N	Calm	12.9	42.4	26.9	15.5	97.7	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
14	Calm	Calm	NNE	NE	N	Calm	11.3	37.2	43.1	14.5	106.1	6	Ci.-S.	s.-cu. ENE	8	Ci.-S.	S.-Cu. ENE
15	Calm	Calm	NW	NNE	Calm	NE	12.6	16.7	31.2	27.9	88.4	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	S.-Cu. E
16	Calm	Calm	N	NNE	N	Calm	7	42.4	73.4	12.9	135.7	2	Ci.	S.-Cu.	6	Ci.-S.	Cu. NNE
17	N	Calm	SW	NNW	NNW	Calm	18	20.4	48.1	20.7	107.2	10	Ci.-S.	N.	10	Ci.-S.	N. N
18	NNW	Calm	N	N	N	N	37.2	44.8	67	27.6	176.6	9	Ci.-S.	N. NNE	9	Ci.-S.	S.-Cu. NNE
19	N	NNW	NNE	N	N	N	41.8	65.4	70	36.4	213.6	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
20	N	N	N	N	N	N	31.9	67.1	73.2	20.3	192.5	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
21	N	Calm	N	NNE	N	Calm	26.4	30.1	50.2	9.5	116.2	9	Ci.-S.	S.-Cu. NW	8	Ci.-S.	S.-Cu. NNE
22	N	Calm	NNE	N	N	Calm	16.6	38.1	63.4	20.3	138.4	5	Ci.	S.-Cu.	9	Ci.-S.	N. NNE
23	Calm	N	N	N	N	Calm	12.6	64.7	98.2	16.4	191.9	4	Ci.	E Cu.	7	Ci.	Cu. NNE
24	Calm	Calm	N	N	N	NNE	5.9	49.6	55.5	14.5	125.5	2	Ci.	Cu.	9	Ci.-S.	S.-Cu. NNE
25	Calm	Calm	WNW	SSW	N	N	14.8	20.9	27.4	17.5	80.6	9	Ci.-S.	N. NE	8	Ci.-S.	S.-Cu.
26	N	N	NNE	NNE	N	Calm	26.4	39.2	80.3	19.6	165.5	5	Ci.	S.-Cu. E	8	Ci.-S.	S.-Cu. NE
27	N	Calm	NNE	NE	N	Calm	20.9	43.1	65.2	18.5	147.7	5	Ci.	S.-Cu.	5	Ci.	Cu. NE
28	Calm	N	N	N	NNW	Calm	14.8	39.1	59.2	20.4	133.5	3	Ci.	Cu.	8	Ci.-S.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	21.6	40.4	53.2	20.5	135.6	7.2	.....	.....	8.1	.....	.....

NOTE.—Beginning with February 1, 10 a. m., the height of the barometer above sea level was 3.6 meters.
[a] Mean deduced from five observations.

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.42	60.43	61.36	59.57	60.41	61.52	60.62	22.6	22.4	25.9	26.7	24.4	22.5	24.1	28	22.2	96	96	83	77	84	95	88.5	1
2..	60.79	61.07	62.11	60.83	61.23	62.34	61.40	21.4	21	25.6	24.5	23.7	23	23.2	27	20.5	96	97	79	87	90	91	90	2.8
3..	61.70	62.35	63.48	61.42	61.82	62.57	62.22	22.7	22.9	26.4	28	24.8	23.8	24.8	29.6	22.4	89	88	66	61	80	90	79	22.9
4..	61.58	62.12	62.55	60.80	61.19	61.84	61.68	23.7	23.2	28.5	25.2	23.5	23.5	24.6	30.5	22.7	89	94	67	90	93	94	87.8	14.8
5..	60.59	61.13	61.85	60.10	60.26	61.77	60.95	23.4	23	25.8	26	24.4	23.5	24.4	28.8	22.9	94	97	85	84	91	94	90.8	66.5
6..	60.77	61.11	61.59	59.67	60.49	61.58	60.87	22.8	23.2	28	26.8	24.3	23.6	24.8	29.7	22.7	97	97	76	86	93	93	90.3	18.9
7..	60.47	60.37	61.25	59.43	59.54	60.34	60.23	23.3	23	25.8	24.6	24.4	22.9	24	26	22.7	94	96	84	87	91	94	91	31.5
8..	58.49	58.54	58.74	55.84	56.95	58.40	57.83	22.7	22.7	25	22.9	22.8	23.1	23.2	26.2	22.5	96	96	88	96	97	95	94.7	216.8
9..	56.99	57.30	58.97	57.09	57.66	58.82	57.80	24.2	24.4	24.8	25.2	24.5	23.5	24.4	25.7	23	87	87	89	88	89	94	89	4.5
10..	58.11	58.64	59.71	57.60	57.93	59.05	58.51	22.6	23.2	26	28	26.6	25.1	25.2	28.2	22.5	97	97	88	80	86	92	90	.5
11..	58.09	58.72	60.21	57.72	57.57	58.98	58.55	24.3	23.6	25.6	27.5	26.3	25	25.4	27.9	23.4	89	91	90	78	81	90	86.5	2.8
12..	57.76	58.21	59.63	57.16	57.94	59.27	58.33	23.6	21.5	27.4	27.4	25.4	23.9	24.9	29.4	21.4	95	96	76	78	84	94	87.2	.8
13..	58.13	58.70	59.66	57.89	58.29	59.66	58.72	23.7	22.2	26.2	25.3	25	24.2	24.4	28.2	22.1	94	96	82	86	92	94	90.7	8.7
14..	58.71	59.34	60.37	58.37	58.13	59.42	59.06	23.7	22.5	26.6	27.3	26.7	24.1	25.2	28.1	22.4	94	97	83	82	83	94	88.8	.....
15..	58.77	59.33	60.71	58.60	58.65	60.52	59.43	22.7	21.3	26.7	27.6	26.8	24.1	24.9	28.6	21.2	96	97	77	77	81	93	86.8	.....
16..	59.94	60.42	61.12	59.54	59.93	61.34	60.38	22.9	22.2	27.7	27.4	25.6	23.2	24.8	29.2	21.9	94	95	65	74	79	94	83.5	.....
17..	60.47	61.30	62	60.47	61.76	62.82	61.47	22	22.3	27.2	25.9	23.4	22.9	24	29.1	21.8	96	94	71	81	91	94	87.8	1.8
18..	61.87	62.43	63.21	61.31	61.87	62.84	62.26	22.6	22.2	27.1	27	24.1	22.8	24.3	29.2	22	96	96	67	70	81	90	83.3	.....
19..	61.73	61.90	62.47	60.39	60.76	61.69	61.49	21.8	20	26.6	29.6	25	21.1	24	30.5	19.9	94	95	65	59	71	93	79.5	.....
20..	60.83	60.89	61.62	59.16	58.93	60.38	60.30	19.7	19	27.2	28	25.2	21.9	23.5	30.3	18.8	96	97	58	54	67	90	77	.....
21..	59.79	59.81	60.57	57.61	58.22	59.51	59.25	20	19.2	27.7	27.2	25.4	24.1	23.9	31	19.1	92	95	61	74	78	86	81	.....
22..	58.82	59.32	60.73	58.34	59.60	61.01	59.64	23.7	23.1	27	28.6	24.8	23.5	25.1	30	22.3	90	89	73	64	83	90	81.5	1
23..	60.14	60.15	60.50	58.72	58.70	59.74	59.66	22	22	28.2	28.5	25.2	22.8	24.8	29.5	21.7	95	96	66	63	74	92	81	.....
24..	58.69	59	59.57	57.50	57.91	59.72	58.73	21.7	21.5	27.1	28	25.9	24	24.7	29.9	21.4	94	94	81	80	92	95	89.3	4.8
25..	58.79	59.08	60.19	58.43	58.55	59.92	59.16	23	22.6	28.6	26.6	26.8	24.3	25.3	29	22.3	96	97	77	90	89	93	90.3	3.6
26..	59.03	59.42	60.36	58.50	58.87	60.74	59.49	23.1	22.4	29	28.6	23.4	23.1	24.9	30	21.9	96	96	74	80	92	93	88.5	16.5
27..	59.84	59.89	61.16	59.06	59.30	60.97	60.04	22.4	22.5	28.5	31.2	27.1	24.6	26	31.7	21.7	96	96	70	56	75	92	80.8	.....
28..	60.19	60.18	60.87	58.69	58.71	60.17	59.80	23.2	22.1	29.4	28.1	26.8	24.7	25.7	32	22	94	93	61	72	74	89	80.5	.....
29..	59.32	59.73	60.67	58.79	58.77	60.47	59.62	23.7	23.7	26.6	28.1	26.2	23.7	25.3	28.6	22.9	92	92	77	70	81	94	84.3	.....
30..	59.79	59.22	60.19	58.29	58.82	60.72	59.50	22.9	22.7	29.1	27.7	25.1	23.8	25.2	31.1	22.6	94	94	66	88	91	93	87.7	9.1
31..	59.54	60.02	60.26	57.80	58.80	60.72	59.52	22.3	23.3	29	31	26.5	24.8	26.2	32	21.9	96	94	72	59	83	93	82.8	.....
Mean	59.68	60	60.89	58.86	59.28	60.61	59.89	22.7	22.3	27.1	27.2	25.2	23.6	24.7	29.2	21.9	94	94.7	74.7	76.5	84.4	92.5	86.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	429.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NNE	NE	N	Calm	11.8	41	57.4	14.5	124.7	9	Ci.-S.	N. NNE	9	Ci.-S.	S.-Cu. NNE
2..	Calm	Calm	N	N	N	N	12.1	43.1	74.6	34.6	164.4	6	Ci.	S.-Cu. NE	9	Ci.-S.	S.-Cu. NE
3..	N	N	N	N	N	N	38.6	76.7	100.4	28.5	244.2	5	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
4..	Calm	N	N	NNE	N	N	9.4	63.6	62.6	21.4	157	7	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
5..	N	N	N	SE	E	N	25.9	47.7	34.1	31.6	139.3	9	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. E
6..	Calm	NNW	NNE	NNE	N	N	17.4	53.1	65	32.7	168.2	10	Ci.-S.	N. NE	8	Ci.-S.	S.-Cu. NE
7..	Calm	N	N	NNE	N	N	9.7	41	41	27.9	119.6	9	Ci.-S.	S.-Cu. NE	10	Ci.-S.	N. NE
8..	N	N	NE	E	SE	SE	35.7	44	73.4	72.4	225.5	10	Ci.-S.	N. NE	10	Ci.-S.	N. E
9..	S	S	SSW	SW	Calm	Calm	173.6	175.6	53.4	7.4	410	10	Ci.-S.	N. S	9	A.-Cu.	S.-Cu. SW
10..	Calm	Calm	S	SW	SW	W	5.6	34.9	38.1	24.3	102.9	9	Ci.-S.	S.-Cu. SW	5	Ci.	Cu.
11..	W	Calm	SW	WSW	SW	W	24.9	38.1	54.5	23.5	141	7	Ci.-S.	S.-Cu. WNW	7	Ci.-S.	Cu. W
12..	NW	Calm	N	N	N	NNW	20.3	40	69.2	56	185.5	6	Ci.	S.-Cu. N	7	Ci.-S.	S.-Cu. N
13..	N	NNW	S	NNW	SE	Calm	34.6	49.7	36.8	18.7	139.8	2	.....	S.-Cu.	9	Ci.-S.	Cu.-N.
14..	N	N	S	SW	Calm	Calm	21.2	34.6	33.3	17.9	107	9	Ci.-S.	S.-Cu.	4	Ci.	Cu. W
15..	N	NNW	W	SW	N	N	28.7	31.2	46.7	36.7	143.3	3	.....	S.-Cu. W	1	.....	Cu.
16..	N	N	N	W	N	N	29.5	44	38.6	37.8	149.9	1	.....	Cu.	6	Ci.	Cu. NW
17..	Calm	Calm	N	N	N	N	15	38.1	63.6	38.8	155.5	8	Ci.-S.	S.-Cu. NNE	9	Ci.-S.	S.-Cu. NE
18..	Calm	N	NNE	N	N	N	16.6	49.3	74.2	25.1	165.2	4	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. NNE
19..	Calm	Calm	N	SW	N	Calm	7.8	38.3	60.4	12.7	119.2	4	Ci.	S.-Cu.	7	Ci.-S.	S.-cf. NE
20..	N	Calm	N	NNW	N	N	13.4	41.2	44.8	30.6	130	1	.....	Cu.	6	.....	Cu. NNE
21..	Calm	Calm	NE	SSW	NNE	N	8.3	39.1	48.5	48.8	144.7	2	Ci.	Cu.	3	Ci.	Cu.
22..	N	N	N	NNW	N	N	38.1	57.6	72.9	44.5	213.1	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu. N
23..	N	Calm	N	N	N	N	18.8	45.3	77.4	23.3	164.8	4	Ci.-Cu.	S.-Cu. NNE	8	Ci.-S.	S.-Cu. NE
24..	N	Calm	SSW	SW	N	N	16.9	36.8	44.3	13.1	111.1	2	.....	S.-Cu.	6	.....	Cu. ENE
25..	N	Calm	N	NNW	N	Calm	19.5	37.5	32	11.3	100.3	8	Ci.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N.
26..	N	N	ESE	W	N	Calm	21.5	43.1	57.9	22.2	144.7	3	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu. E
27..	N	Calm	NNE	NE	N	N	16.9	57.1	63.8	40.4	178.2	5	Ci.	S.-Cu.	7	A.-Cu.	Cu. NE
28..	Calm	N	ENE	SSW	NE	N	19	48.6	47.5	28.2	143.3	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu. ENE
29..	NNE	NNE	NE	NNE	Calm	N	25.5	51	42.6	14.2	133.3	9	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
30..	Calm	N	NE	S	N	N	22	47.3	42.6	26.2	138.1	5	Ci.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
31..	N	N	NE	ENE	N	N	29.8	52.9	62.8	28.4	173.9	6	Ci.-S.	S.-Cu. E	7	Ci.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	25.4	49.7	55.3	28.8	159.3	6.1	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,937.7	.....	.....	.....	.....	.....	.....

CALBAYOG.

[$\phi = 12°\ 04'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 3.6 meters; gravity correction not applied, −1.80 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.67	59.66	60.06	57.80	58.35	60.06	59.27	24.2	23.3	29.5	30.1	26.6	23.9	26.3	32	22.9	93	93	65	63	77	94	80.8	6.8
2	58.50	59.08	59.77	57.64	58.19	59.27	58.74	23.2	23.1	25	26.6	24	23.9	24.3	29	23	96	97	92	84	96	94	93.2	16.8
3	58.04	58.36	58.62	57.22	57.74	59.02	58.17	23.5	23.4	27.8	26.5	26	23.9	25.2	30.5	22.8	96	96	75	83	83	93	87.7	1.8
4	58.74	58.87	59.50	57.87	58.38	59.58	58.82	22	21.9	28.3	27	25.8	23.3	24.7	30.3	21.1	96	96	68	80	77	93	85	1.3
5	58.41	58.69	59.45	57.32	58.11	59.44	58.57	23	22	28	28.8	25.7	23.9	25.2	29.6	21.9	96	96	70	72	91	94	86.5	9.9
6	58.28	58.12	58.74	56.81	57.41	59.14	58.08	23	23.4	28	27.5	24.6	23.6	25	29.7	22.6	96	96	80	81	91	93	89.5	12.7
7	58.14	58.12	58.60	56.74	56.92	58.72	57.87	22.2	21.8	28.7	25.5	25	24.1	24.6	30	21.7	96	97	69	91	92	94	89.8	11.7
8	57.91	58.08	58.74	56.60	57.16	58.72	57.87	22.5	21.5	29.6	29.7	26.6	24.5	25.7	33	21.3	96	97	67	72	86	94	85.3	.....
9	57.91	58.12	59.01	56.77	57.22	59.36	58.06	23.2	22.9	30.6	29	27.1	25	26.3	32.3	22.5	95	96	67	78	79	92	84.5	.....
10	58.59	58.78	59.09	57.03	57.71	59.23	58.40	23	21.8	29.9	31.6	26.8	22.9	26	32.2	21.7	95	96	59	50	70	94	77.3	.....
11	57.79	57.75	57.99	55.90	56.40	57.22	57.18	22.2	24	29.5	30.3	26.8	25.2	26.3	30.8	22.1	96	94	69	62	80	89	81.7	6.9
12	55.57	55.21	55.77	54.01	53.98	54.94	54.91	25	24.9	27	26	24.8	24.8	25.4	28.2	24.5	90	91	73	85	84	87	85	4.3
13	53.71	54.76	56.15	55.05	55.91	57.69	55.54	24.6	24.6	26.3	27.8	26.7	25.6	25.9	29.3	24.2	92	94	85	75	82	88	86	2.8
14	56.74	57.41	58.07	56.65	57.06	58.29	57.37	24	22.2	26.6	27	26.7	24.1	25.1	28.4	22.1	93	94	83	80	83	94	87.8	.....
15	58.10	58.26	58.70	56.69	57.07	58.85	57.94	23.5	22.9	27	28.7	27.7	24.8	25.8	30	22.6	95	97	86	77	73	92	86.7	.....
16	58.04	58.94	59.11	57.70	57.92	59.37	58.51	23.9	22.7	29.9	27.8	26.8	24.2	25.9	31.3	22.6	94	96	68	80	74	93	84.2	.....
17	58.89	59.78	60.20	58.30	59.10	60.78	59.51	22.8	21.8	27.7	30	26.7	23.7	25.4	31.2	21.4	95	96	82	62	74	94	83.8	.....
18	60.22	60.72	61.20	59.30	60.01	61.67	60.52	21.7	20.7	29.3	30.6	26.5	24	25.5	31.1	20.6	96	96	60	56	74	91	78.8	.....
19	60.69	60.92	61.44	59.26	60.14	61.34	60.63	23	21.5	29.8	30.6	26.7	24.4	26	32	21.4	95	95	56	55	69	82	75.3	.....
20	60.57	60.74	60.96	59.73	60.12	61.21	60.56	24.3	23.8	29.8	26.4	24.8	24.6	25.6	30.8	23.7	86	89	58	82	92	92	83.2	5.1
21	59.82	60.02	60.52	58.80	58.75	60.83	59.79	23.9	23.5	29.8	30.4	26.7	25.3	26.6	31.1	23.3	95	96	67	66	79	88	81.8	.....
22	59.47	59.54	60.04	60.13	57.95	59.92	59.51	23.9	22.9	29.7	23.4	22.7	22.2	24.1	30.6	21.8	95	97	69	88	94	96	89.8	24.6
23	59.33	59.53	60.46	58.85	59.67	61.08	59.82	21.9	21.9	27.9	27.4	25.8	24.3	24.9	29.8	21.2	97	97	81	84	90	94	90.5	5.8
24	60.09	60.43	60.90	59.25	59.30	61.27	60.21	23	22.7	29.4	29.9	27.9	25.3	26.4	31	22.2	96	97	72	75	75	91	84.3	1
25	60.26	60.58	61.14	59.17	59.30	60.23	60.11	24.4	23.6	28.2	27.3	25.7	24	25.5	29.5	23.2	94	95	79	89	93	94	90.7	23.4
26	59.11	59.25	60.17	58.15	57.87	59.74	59.05	22.8	22.7	27.3	30	26	24.2	25.5	30.3	22.5	97	97	81	69	89	94	87.8	5.6
27	58.31	58.49	59.37	57.89	57.67	59.31	58.51	23.5	23	27.5	25.6	26.9	24.2	25.1	28.5	22.8	94	97	79	87	83	94	89	2.8
28	58.34	58.34	59.06	57.37	57.55	59.74	58.40	23.7	22.9	27.6	28	26.7	24.7	25.6	29.8	22.4	95	97	78	83	83	92	88	1.8
29	59.02	59.30	59.80	58.75	58.57	60.12	59.26	23.6	22.5	30	25.2	26.7	24.1	25.4	30.5	22.2	95	96	66	90	83	94	87.3	9.7
30	59.07	59.49	59.65	58.42	58.36	59.87	59.14	22.9	22.8	27.9	26.5	27.1	24.8	25.3	29.7	22.4	96	97	77	86	81	93	88.3	10.1
Mean	58.58	58.84	59.41	57.71	58	59.53	58.68	23.3	22.8	28.5	28	26.2	24.2	25.5	30.4	22.4	94.7	95.6	72.7	76.2	82.6	92.2	85.7	.....
Total	.....																							164.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	N	NNW	NE	NE	N	N	24.3	41.2	65.7	27.7	158.9	4	Ci.	Cu.	7	Ci.-S.	Cu. E
2	N	Calm	N	N	N	Calm	13.2	27.7	49.7	14.5	105.1	10	Ci.-S.	N. NNE	9	Ci.-S.	N. NNE
3	Calm	N	N	NNE	N	Calm	10.8	50.7	59	16.9	137.4	9	Ci.-S.	N. NE	8	Ci.-S.	S.-Cu. NE
4	Calm	Calm	N	NNE	N	N	17.4	54.4	66.6	37.2	175.6	4	Ci.	S.-Cu.	7	Ci.-S.	S.-Cu. NE
5	N	Calm	N	N	N	N	16.4	52.9	55.5	28.8	153.6	3	Ci.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NNE
6	Calm	N	N	N	N	N	15.8	50.7	38.1	22.7	127.3	7	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
7	N	Calm	NE	SW	N	Calm	22.2	37.5	54.5	19.8	134	4	Ci.	Cu.	9	Ci.-S.	N. NNE
8	Calm	Calm	NE	SW	Calm	N	14	46.5	57.4	25.4	143.3	0	.....	Cu.	7	Ci.	Cu. NE
9	N	Calm	NE	W	N	N	11.6	34.3	65.2	20.9	132	4	Ci.	S.-Cu.	7	Ci.-S.	S.-cf. NE
10	Calm	N	N	N	N	Calm	7.5	45.1	68.1	12.9	133.6	4	Ci.	Cu.	7	Ci.	Cu. NNE
11	Calm	Calm	N	N	N	N	15.1	54.9	86.1	35.4	191.5	8	Ci.-S.	S.-Cu. NbyE	8	Ci.-S.	Cu. NbyE
12	NNW	NNW	NNW	NNW	NNW	NW	25.1	68.2	74.2	41.3	208.8	9	Ci.-S.	N. N	9	Ci.-S.	N. NNW
13	NW	WNW	W	WNW	Calm	NW	70.5	89.9	77	33.6	271	10	Ci.-S.	N. WNW	8	Ci.-S.	s.-cu. WNW
14	Calm	NNW	S	SW	Calm	N	15.9	31.7	16.1	18.3	82	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
15	Calm	Calm	S	W	NW	N	12.3	35.1	34.8	23.1	105.3	8	Ci.-S.	S.-Cu.	8	Ci.-S.	s.-cu. NNW
16	Calm	Calm	N	W	N	N	5.8	31.6	54.1	25.2	116.7	4	Ci.	S.-Cu.	7	Ci.-S.	Cu. NNW
17	Calm	Calm	N	N	N	Calm	7	36.	60.6	10.8	114.4	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
18	Calm	Calm	N	NNE	N	N	5.9	33.2	60.2	39.6	138.9	0	Ci.	.....	5	Ci.	Cu. NNE
19	Calm	Calm	NNE	NE	NNW	N	10.2	49.6	64.7	48.6	173.1	0	Ci.	S.-Cu.	5	Ci.	Cu. NE
20	N	Calm	NE	N	N	Calm	27.2	54.7	63.8	6.1	151.8	8	.....	s.-cu. ENE	8	Ci.-S.	S.-Cu. NNE
21	Calm	Calm	N	N	N	N	9.1	34	66.3	21.1	130.5	8	Ci.-S.	S.-Cu.	7	Ci.-S	Cu. NNE
22	Calm	Calm	N	NNW	N	Calm	9.1	25.1	37.2	19.5	90.9	5	Ci.	s.-cu. ENE	10	Ci.-S.	N. NNE
23	N	Calm	S	Calm	N	Calm	13.9	35.7	22	8.9	80.5	5	Ci.-S.	s.-cu. ENE	7	Ci.-S.	Cu.-N.
24	Calm	Calm	SE	NNE	N	N	2.7	34.6	52.5	23	112.8	3	Ci.	Cu.	7	Ci.-S.	Cu. E
25	Calm	Calm	S	NW	Calm	Calm	8.2	35.2	29.2	14	86.6	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
26	Calm	Calm	SSW	NE	N	Calm	11.1	34.9	27.4	12.3	85.7	6	Ci.	Cu.	8	Ci.-S.	Cu.
27	Calm	NNE	S	N	Calm	Calm	9.1	36.5	36.5	8.7	90.8	6	Ci. NNW	Cu.	9	Ci.-S.	Cu.-N. E
28	Calm	Calm	S	N	N	Calm	12.6	35.9	41.2	16.4	106.1	3	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
29	N	N	NE	NNE	Calm	Calm	18.7	38.6	45.4	13.9	116.6	3	Ci.	Cu.	9	Ci.-S.	Cu.-N.
30	N	N	S	SE	N	N	23.6	40.8	34.8	23.5	122.7	2	Ci.	Cu.	10	Ci.-S.	N. ESE
Mean	.....						15.5	42.6	52.1	22.3	132.6	5.2	.....		7.8	.....	.....
Total	.....						.....	.....	.....	.....	3,977.5	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.77	58.93	59.09	57.72	57.89	59.23	58.60	23.8	22.9	30	25.3	24.7	23.8	25.1	31.1	22.8	95	97	65	89	87	93	87.7	42.3
2..	58.06	58.35	58.85	57.02	57.39	58.91	58.10	23	23.7	29.4	31.4	28.2	24.5	26.7	31.9	22.7	96	94	65	52	74	92	78.8	.....
3..	57.76	58.19	58.75	57.42	58.15	59.68	58.32	22.9	22.8	30.5	25.6	27	24.7	25.6	30.9	22.3	96	97	67	85	83	94	87	9.1
4..	58.39	59.16	60.20	57 91	58.85	60.52	59.17	23.4	23	28.4	29.7	24.9	23.9	25.6	30.5	22.5	95	97	78	76	92	94	88.7	.5
5..	59.39	59.80	60.31	57.94	58.67	60.12	59.37	23	22.8	28.1	28.4	27.4	25.2	25.8	30	22	96	97	80	78	78	93	87	3.6
6..	58.77	58.83	59.06	56.68	57.37	59.13	58.31	24.7	24.6	28.1	30	28	25	26.7	32.3	23.6	94	95	81	69	81	93	85.5	2.
7..	57.89	58.26	58.75	56.19	56.95	58.74	57.80	24.5	24.4	28.1	30	24.5	24.3	26	30.5	23.4	93	93	79	76	95	94	88.3	12.7
8..	56.90	57.24	57.87	56.16	56.53	57.75	57.08	23.9	23.6	27.9	26.9	25.6	24.8	25.4	29.4	23.3	95	95	82	86	91	93	90.3	3
9..	56.96	57.14	58.06	56.20	57.17	58.92	57.41	23.8	23.7	27.8	28.5	26.5	24.6	25.8	29.4	23.4	96	97	79	80	88	93	88.8	6.6
10..	58	58.35	58.90	57.10	57.99	59.65	58.33	23.3	22.9	28	29.4	27.6	26	26.2	30.2	22.5	96	97	80	76	76	85	85	.....
11..	58.57	58.84	58.87	56.99	57.57	59.56	58.40	23.9	23.3	28.3	28.5	26.6	24.7	25.9	31.6	22.6	95	96	80	84	86	94	89.2	10.1
12..	58.33	58.34	58.79	57.45	57.56	59.34	58.30	24.5	24.4	28.3	27.6	26.2	24.3	25.9	28.6	24	94	94	81	78	85	94	87.7	6.9
13..	58.19	58.35	59.14	58.34	58.86	60.19	58.84	23	22.7	27.8	25.5	25.7	24.6	24.9	28.5	22.3	96	97	82	95	94	95	93.2	8.6
14..	59.14	59.46	60.04	58.49	59.10	60.12	59.39	23.9	23.2	28.3	28	27.7	24.2	25.9	29	22.8	96	96	79	84	81	94	88.3	1.3
15..	59.19	59.72	59.86	58.65	58.22	59.67	59.22	23.1	23.1	28.5	25.5	27.1	23.9	25.2	29.7	22.8	97	97	78	88	83	94	89.5	16.1
16..	58.22	58.75	59.04	56.86	57.32	58.54	58.12	22.7	22.7	29.9	29.5	26.5	24	25.9	31.3	22	97	97	71	73	88	95	86.8	10.9
17..	57.18	57.44	58	56.31	56.51	58.42	57.31	23.7	23.8	28.8	27.2	27.4	24.8	26	29.7	22.6	97	96	79	89	85	94	90	7.4
18..	57.39	57.61	58.35	56.74	57.67	59.14	57.82	24	24	28.2	27.6	26.7	24.5	25.8	29.9	23.4	96	96	79	81	90	94	89.3	5.3
19..	58.22	58.86	58.85	57.31	57.26	59.11	58.27	23.2	23.5	28	28.5	27.5	24.5	25.9	29.6	22.4	97	96	77	78	84	94	87.7	4.5
20..	58.46	58.64	58.90	56.90	57.12	58.71	58.12	23.9	22.9	30.7	29.9	28.4	25	26.8	33.4	22.5	95	97	61	73	75	93	82.3	.....
21..	57.71	58.05	58.75	56.56	57.04	59.04	57.86	22.8	23.5	30.3	29.9	27.8	23.7	26.3	32.7	22.1	97	94	56	67	71	94	79.8	.....
22..	57.96	58.32	59.01	57.27	57.46	58.98	58.17	22.5	21.4	27.9	29.2	27	23.5	25.2	30	21	96	96	74	75	67	90	83	.....
23..	57.95	58.47	59.07	56.91	56.27	58.25	57.82	21.7	21.3	27.8	29.3	27.8	23.7	25.3	30.3	20.7	96	96	75	72	73	94	84.3	.....
24..	57.87	58.25	58.45	56.56	56.17	58.05	57.56	22.3	21.7	28.5	29.6	28.4	24.5	25.8	30	21.4	96	96	79	72	79	94	86	.....
25..	57.46	57.52	58.85	56.76	56.79	59.10	57.75	23	22.6	28.9	29.7	29.2	24.8	26.4	31	22.2	96	97	77	72	72	93	84.5	.....
26..	58.43	58.50	59.56	57.73	57.69	59.33	58.54	24.3	24.2	29.5	30	28.6	25	26.9	30.7	23.6	96	97	75	74	76	93	85.2	.....
27..	58.73	59.02	60	57.46	57.99	60.18	58.90	24.1	24.5	27.3	29.5	28.2	25.2	26.5	30.5	23.5	96	95	81	79	80	93	87.3	10.2
28..	58.80	59.03	59.29	57.33	57.87	59.50	58.64	25.8	23.7	28.8	30.3	28.7	25.8	27.2	31	23.5	89	96	80	71	78	92	84.3	.....
29..	58.54	58.84	58.98	57.59	57.79	60.06	58.63	24.7	24.3	29.3	29.9	29.2	26.9	27.4	31.4	23.6	94	96	74	73	76	86	83.2	.....
30..	59.60	59.94	59.85	57.90	57.97	60.13	59.23	24.9	24.2	28.7	29.9	27.3	24.7	26.6	30.7	23.6	92	94	73	69	82	94	84	.....
31..	59.52	59.85	59.80	57.86	57.97	59.71	59.12	23	22.5	29.3	29.9	28.4	25	26.4	30.5	22.5	96	96	77	73	77	93	85.3	.....
Mean	58.27	58.58	59.07	57.24	57.59	59.28	58.34	23.6	23.3	28.7	28.7	27.3	24.6	26	30.5	22.7	95.4	95.9	75.6	77	81.5	92.9	86.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	NNE	SSE	Calm	N	22.2	51.3	29.6	31.2	134.3	3	Ci.	S.-Cu.	9	Ci.-S.	N. ESE
2..	N	N	NE	NE	Calm	Calm	24.7	42.6	52.6	13.9	133.8	8	Ci.-S.	S.-Cu. E	4	Ci.	Cu. ENE
3..	Calm	Calm	NE	SE	N	Calm	11.6	36.4	28.7	20.1	96.8	5	Ci.	Cu.	9	Ci.-S.	N. E
4..	C alm	Calm	S	W	N	Calm	5.3	39.2	50.7	21.1	116.3	6	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
5..	N	Calm	S	SW	NE	NE	19.6	38.1	42.9	28.2	128.8	3	Ci.	Cu.	9	Ci.-S.	N. E
6..	N	N	S	Calm	N	Calm	22.5	41	33.2	19.1	115.8	2	Ci.	Cu.	7	Ci.-S.	Cu. ENE
7..	N	Calm	S	SW	N	Calm	23.5	37.2	42.1	24.9	127.7	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. E
8..	N	Calm	S	SW	N	N	21.1	35.6	51.2	17.7	125.6	7	Ci.-S.	S.-Cu.	9	Ci.-S.	N. E
9..	Calm	N	SSE	SE	Calm	N	17.4	59.3	25.1	17.7	119.5	6	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N. ESE
10..	N	N	S	SSW	N	Calm	23	60.9	52.9	20.1	156.9	4	Ci.	S.-Cu.	7	Ci.-S.	Cu.
11..	Calm	Calm	S	SW	N	Calm	7	31.7	36.7	25.5	100.9	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. E
12..	N	Calm	SE	ESE	Calm	Calm	28.2	32.8	20.6	7.2	88.8	7	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
13..	Calm	Calm	SSE	NE	Calm	N	9.2	46.5	18.8	13.2	87.7	2	Ci.	S.-Cu.	10	Ci.-S.	N.
14..	N	Calm	SE	SW	Calm	N	16.6	31.2	31.4	15.3	94.5	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. ENE
15..	N	N	SE	N	Calm	Calm	23.9	41.2	41.8	15.1	122	7	Ci.-S.	s.-cu. ENE	9	Ci.-S.	N. NE
16..	Calm	Calm	NNW	NNE	Calm	Calm	11.1	34.9	41.3	9.2	96.5	2	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N. NNE
17..	N	N	S	NW	Calm	Calm	20.3	45.1	19.3	15.8	100.5	4	Ci. NNW	Cu.	9	Ci.-S.	N. E
18..	Calm	N	S	SW	Calm	Calm	13.5	42	26.6	16.4	98.5	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. ENE
19..	N	NNE	S	SE	Calm	Calm	23.3	40.4	26.8	8.2	98.7	5	Ci. NNW	Cu.	9	Ci.-S.	N. E
20..	N	Calm	NE	SW	NE	N	15.3	40	53.6	16.9	125.8	2	Ci.	Cu.	5	Ci.	Cu. NE
21..	Calm	NNE	NNE	WSW	N	N	18.5	34.6	66.3	23.8	143.2	0	Ci.	Cu.	4	Ci.	Cu.
22..	N	N	S	SW	N	N	21.1	42.3	70.5	18.7	152.6	0	Ci.	Cu.	3	Ci.	Cu.
23..	N	N	SSW	SW	NW	N	25.4	42.3	77	24.6	169.3	3	Ci.	Cu.	3	Ci.	Cu.
24..	Calm	NNW	S	SSW	Calm	N	26	33.3	53.6	21.2	134.1	5	Ci.	S.-Cu. W	3	Ci.	Cu.
25..	N	N	S	S	Calm	N	28.5	30.6	23.6	19.9	102.6	4	Ci.	Cu.	5	Ci.	Cu.
26	N	N	S	SW	Calm	N	20.9	53.1	62.6	20.3	156.9	6	Ci.	s.-cu. SSW	5	Ci.	Cu.
27..	N	NNW	Calm	SW	Calm	Calm	25.1	30.1	49.7	22.3	127.2	6	Ci.	S.-Cu. SW	4	Ci.	Cu.
28..	SE	N	S	SW	Calm	Calm	37.6	35.1	48.8	14	135.5	3	Ci.	S.-Cu.	5	Ci. SE	Cu.
29..	Calm	N	S	SW	Calm	N	19.5	52.1	42.9	11.5	126	6	Ci.	S.-Cu. SE	7	Ci.-S.	Cu.-N.
30..	Calm	Calm	S	SW	N	Calm	15.8	34.1	41.8	15.1	106.8	5	Ci.	Cu.	7	Ci.-S.	Cu.-N.
31..	N	N	S	SE	Calm	Calm	28.2	36.5	48.8	11.1	124.6	2	Ci.	Cu.	8	Ci.-S.	Cu.-N. ESE
Mean	.....	.....	.....	.....	.....	.....	20.2	40.4	42.3	18	120.9	4.4	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,748.2	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

JUNE, 1918.

Day	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.34	59.93	60.05	59.17	59.17	59.83	59.58	24	23.5	29.4	25.3	25.2	24.9	25.4	30	23.3	95	96	74	89	90	92	89.3	12.7
2..	58.67	59.15	59.55	57.97	58.07	59.53	58.82	23.7	22.5	27	26.8	26.3	24.6	25.2	27.8	22.4	95	97	81	83	88	95	89.8	.....
3..	58.49	58.34	59.01	56.35	57.40	58.87	58.08	23.5	23	29.3	29.8	24.9	23.9	25.7	30.2	22.8	96	97	74	73	92	94	87.7	18
4..	57.81	57.72	58.40	56.61	57.19	58.77	57.75	23.2	23.1	29.5	27.5	25.1	23.9	25.4	30	22.9	97	97	73	84	89	94	89	11.8
5..	57.24	57.32	58.27	56.42	56.66	58.23	57.36	23.7	23.4	27.7	28.7	26.3	24.2	25.7	29.2	22.8	97	97	75	78	83	93	87.2	8.2
6..	56.79	56.77	57.23	56.06	56.17	58	56.84	23.6	23.4	28.1	29.7	27.5	27.7	26.7	30.2	22.8	93	94	78	67	79	79	81.7	.....
7..	57.63	57.81	58.50	57.25	58.21	59.74	58.19	24.7	23.3	28.6	30.5	25.8	24.4	26.2	30.8	23	93	96	77	66	82	92	84.3	1
8..	59.14	59.06	60.30	59.36	59.57	60.51	59.66	23.8	23.2	28.5	26.5	26.2	24.3	25.4	29.5	22.9	95	97	77	83	85	93	88.3	1
9..	59.58	59.16	60.11	59.71	59.31	60.08	59.66	23.6	23.4	28.2	24.5	25.2	24.2	24.8	28.6	23.3	95	96	79	87	92	94	90.5	15
10..	58.88	58.34	59.17	57.76	57.34	58.62	58.35	23.8	23.6	27.1	24.4	25.4	23.8	24.7	27.8	23.4	97	97	83	86	84	93	90	1.1
11..	57.85	57.82	58.93	57.40	57.47	59.56	58.17	23.2	23	26.4	27.8	27.3	23.9	25.3	28.5	22.7	97	97	85	76	75	94	87.3	.8
12..	58.87	59.19	59.70	57.88	58.14	59.99	58.96	23.9	23.6	29.5	29.6	27.8	24.7	26.5	30.1	23.2	95	97	76	77	83	94	87	.....
13..	58.82	59.43	59.99	58.45	59.17	60.67	59.42	23.7	23.2	29.2	29.3	24	23.4	25.5	30.7	22.8	96	97	78	74	94	95	89	9.7
14..	59.39	59.49	60.10	57.68	58.45	59.77	59.15	22.7	22.2	28.8	29.9	26.7	25.4	26	30.8	22	96	96	75	72	91	93	87.2	3.6
15..	59.23	59.34	59.10	57.92	58.09	59.83	58.92	23.9	24.3	29.1	26	26	24.6	25.6	30.6	23.4	97	96	78	90	94	94	91.5	11.9
16..	59.57	59.67	60.11	58.51	58.44	59.49	59.30	23.3	23.2	29	29.4	27.9	24.9	26.3	30.6	22.9	97	97	76	78	82	92	87	5.1
17..	59.46	59.66	59.96	58.33	58.14	59.69	59.21	23.6	23.1	29.4	25.7	26	24.2	25.3	30.1	22.7	95	97	72	91	88	93	89.3	6.1
18..	58.51	58.65	59.26	58.47	58.96	59.84	58.95	23.1	22.8	29	25	25.8	24.5	25	29.6	22.5	96	97	76	92	93	94	91.3	27.7
19..	59.14	59.47	59.86	58.75	58.78	60.07	59.34	23.2	23	28.5	26.1	24.3	23.9	24.8	29.7	22.7	96	97	80	88	93	94	91.3	5.1
20..	58.97	59.19	59.70	58.22	58.27	59.86	59.04	23.3	22.6	28.8	28.5	27.4	24.8	25.9	30.2	22.4	96	97	76	74	81	93	86.2	.3
21..	58.58	58.70	58.97	57.87	57.91	59.28	58.55	23.7	22.6	28.5	24.6	24.3	23.9	24.6	30.1	22.5	96	97	74	91	96	96	91.7	5.3
22..	58.26	58.22	58.54	56.56	57.02	58.85	57.91	23.7	22.9	27.9	29.5	27.6	24.8	26.1	30.2	22.7	96	97	82	75	83	95	88	13.7
23..	58.12	58.17	58.86	56.89	56.92	58.86	57.97	23.7	22.8	27.9	29.9	26.6	25	26	30.3	22.5	96	97	79	72	87	93	87.3	.....
24..	58.24	58.25	58.11	56.17	56.52	58.10	57.56	23.6	22.4	28.5	29.2	25.8	24.8	25.7	29.7	22.2	95	96	75	72	88	94	86.7	6.1
25..	56.95	57.07	57.10	55.97	56.16	56.12	56.56	23.9	23.3	28.5	29.4	27	25.2	26.2	30	23.1	95	96	78	72	87	93	86.8	17.8
26..	54.30	54.02	55.64	54.14	53.47	53.15	54.12	25.3	25.6	25.1	24	23.7	24.2	24.6	25.9	23.3	94	95	93	94	96	95	94.5	114.7
27..	51.21	51.26	50.96	49.26	49.56	50.47	50.45	23.9	23.1	23.8	23.6	23.7	25.2	23.9	25.7	22.9	94	97	90	95	97	88	93.5	119.9
28..	49.46	50.18	51.36	50.33	50.44	51.84	50.60	26.6	26.4	26.6	27.2	26.8	27.5	26.8	27.8	24.2	87	84	80	79	84	81	82.5	3.8
29..	51.09	51.61	52.42	51.96	52.78	55.22	52.51	27.7	27	27.8	28.6	27.7	27.7	27.8	28.9	25.9	81	80	79	75	84	83	80.3	1.5
30..	54.92	55.38	56.28	55.49	56.50	58.22	56.13	27.3	27	28	28.5	28	24.8	27.3	29.2	24.2	84	84	88	80	79	93	84.7	.....
Mean	57.48	57.61	58.18	56.76	57.01	58.37	57.57	24	23.6	28.1	27.5	26.1	24.8	25.7	29.4	23	94.4	95.2	78.7	80.4	87.3	92.2	88	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	421.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	N	S	N	Calm	N	22	30.3	24.9	11.9	89.1	0	.....	Cu.	9	Ci.-S.	Cu.-N.
2..	Calm	Calm	SE	N	Calm	N	9.7	23	26.2	13.5	72.4	5	Ci.	Cu.	9	Ci.-S.	S.-Cu.
3..	N	N	S	W	Calm	N	23.3	42	43.7	18.3	127.3	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
4..	Calm	N	Calm	Calm	Calm	N	18.5	34	28	13.4	93.9	7	A.-Cu.NE	S.-Cu.	9	Ci.-S.	Fr.-N.
5..	N	NNW	S	SSW	SE	NW	19.9	27.1	67.3	30.9	145.2	9	Ci.-S.	S.-Cu.SSW	8	Ci.-S.	s.-cu. SSW
6..	Calm	N	S	SSW	SW	SW	15.5	54.4	76.2	108.8	254.9	9	Ci.-S.	S.-Cu.SSW	5	Ci.	Cu.
7..	NW	NNW	S	S	N	Calm	23.8	42.1	44.5	27.2	137.6	5	Ci.	S.-cf. SSW	5	Ci.	Cu.
8..	N	Calm	SW	N	Calm	N	24.4	35.1	38	19.8	117.3	5	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
9..	N	N	S	S	N	N	22.7	31.1	27.6	20.6	102	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
10..	N	NNW	Calm	N	Calm	Calm	24.9	24.4	.....	.....	[a] 49.3	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
11..	Calm	N	SW	SW	SW	N	12.4	105.1	50.7	18.7	186.9	10	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
12..	N	N	S	W	N	N	23.6	45.4	41.2	19.6	129.8	7	Ci.-S.	S.-Cu. SE	3	Ci.	Cu.
13..	N	N	S	SW	N	N	27.2	56.6	42.6	21.4	147.8	2	.....	Cu.	7	Ci.-S.	Cu.-N.
14..	N	N	S	SW	N	N	30	26.9	39.7	13.9	110.5	2	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
15..	N	N	S	N	Calm	Calm	22	36.5	32.8	15.1	106.4	4	Ci.	Cu.	9	Ci.-S.	N. E
16..	N	N	S	N	Calm	Calm	30.6	34.1	24.1	9.4	98.2	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
17..	N	N	S	N	N	Calm	25.7	37.5	26.6	12.1	101.9	0	Ci.	Cu.	9	Ci.-S.	Cu.-N.
18..	Calm	N	S	NE	Calm	N	18.7	31.1	23.3	15	88.1	4	Ci.	Cu.	10	Ci.-S.	N. NE
19..	N	N	S	NE	N	Calm	22.5	29.3	28.4	19.8	100	6	Ci.-S.NNW	S.-Cu.	10	Ci.-S.	N. E
20..	Calm	Calm	S	SE	NE	Calm	11.5	29	25.9	11.1	77.5	4	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
21..	Calm	N	S	N	Calm	Calm	15.5	41.6	35.6	12.9	105.6	8	Ci.-S.	S.-Cu. E	10	Ci.-S.	Fr.-N.
22..	N	Calm	S	SW	N	Calm	11	28.7	41.5	21.7	102.9	5	Ci.	S.-Cu.	4	Ci.	Cu. E
23..	N	N	S	SW	N	N	22.3	34.6	40	20.1	117	4	Ci.	S.-Cu.	4	Ci.	Cu.
24..	N	N	S	SW	N	Calm	30.1	41.6	43.1	19.3	134.1	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. E
25..	N	N	W	W	NW	N	30.8	62.6	80.3	20.6	194.3	3	Ci.	S.-cf. W	9	Ci.-S.	S.-Cu.WNW
26..	NW	NW	NW	NW	NW	WNW	32.7	33.5	56.1	111.5	233.8	10	Ci.-S.	N. WNW	10	Ci.-S.	N. WNW
27..	W	W	WSW	WSW	WSW	SW	259.9	326.6	354.8	366.9	1,308.2	10	Ci.-S.	N. W	10	Ci.-S.	N. WSW
28..	SW	SW	SW	SW	SSW	SSW	415.1	352.4	312.4	258.1	1,338	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
29..	SSW	SSW	SSW	SSW	SSW	SSW	216.2	221.5	188.1	151	776.8	10	Ci.-S.	N.SWbyS	9	Ci.-S.	s.-cu. swbys
30..	SSW	SSW	SSW	SSW	Calm	Calm	129	122.5	80	17.2	348.7	9	Ci.-S.	S.-Cu. SW	8	Ci.-S.	S.-Cu. SW
Mean	.....	.....	.....	.....	.....	.....	53	68	67	49	233.2	5.9	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a] 6,995.5	.....	.....	.....	.....	.....	.....

[a] 12 hours missing.

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.90	58.16	58.51	57.45	57.73	59.49	58.21	23.9	23.3	29.1	29.5	27.8	25.3	26.5	30.5	22.9	95	95	74	70	81	93	84.7	.....
2..	58.78	58.80	58.80	57.04	57.52	58.95	58.32	23.6	22.5	28.1	29.9	28.5	25.6	26.4	30.8	22.4	95	96	82	67	80	93	85.5	7.6
3..	58.21	57.82	58.03	56.19	57.05	57.96	57.54	23.8	22.7	28.4	28.5	23.2	23.7	25	30.8	22.6	95	97	81	78	95	94	90	24.6
4..	56.23	56.22	56.55	55.39	55.29	56.91	56.10	24.5	25.4	27.6	25.1	23.9	22.9	24.9	28	22.8	94	90	86	94	92	95	91.8	72.2
5..	55.19	54.90	55.54	54.31	53.86	55.02	54.80	23.3	23.9	25.8	28.3	27.7	26.2	25.9	29	23.2	96	94	88	79	78	85	86.7	14.2
6..	54.62	54.44	55.82	54.96	55	57.10	55.32	25.5	26.3	27.2	28.5	27.7	26.4	26.9	29.5	23.7	89	83	80	78	82	90	83.7	25.1
7..	56.81	56.97	57.83	56.62	57.61	59.51	57.56	26.7	26.6	27.7	27.9	27	24.8	26.8	28.6	24.2	86	86	78	84	84	93	85.2	13.8
8..	57.33	57.58	58.25	56.57	56.45	56.88	57.18	26	26.7	27.1	27.6	27.4	27.2	27	28.1	25.5	85	78	83	80	83	83	82.7	.....
9..	55.79	56.23	56.60	55.05	55.30	56.02	55.83	27.5	27.4	27.5	28.4	27.9	27.7	27.7	28.9	27.2	82	83	85	75	82	82	82.3	.....
10..	55.26	55.58	56.12	55.21	55.41	56.17	55.62	27.7	27.5	28.3	28.8	28.3	28.3	28.2	29.2	27.3	82	79	72	84	78	75	76.8	.....
11..	55.72	56.22	57.32	56.12	56.16	57.32	56.48	28.2	27.6	28.4	29	28.5	27.8	28.2	29.4	27.4	70	72	71	74	77	81	74.2	.....
12..	57.21	57.65	57.87	57.22	57.36	58.40	57.62	27.8	27.6	28.8	29.4	28.6	27.8	28.3	29.9	27.4	80	81	75	72	77	82	77.8	.....
13..	57.75	58.07	58.49	57.22	57.32	58.72	57.93	27.9	27.5	28.5	28.6	28.8	27.8	28.2	29.4	27.4	83	86	80	79	73	78	79.8	.....
14..	57.42	57.46	58.21	56.77	57.07	57.95	57.48	27.8	27.5	28.8	28.6	28.6	27.8	28.2	29.4	27.3	79	78	75	79	78	80	78.2	.....
15..	56.77	57.12	58.29	56.81	56.72	57.51	57.20	27.8	27.5	29.2	27.4	28.6	27.8	28	29.7	26.9	80	81	75	78	79	80	78.8	.....
16..	56.78	57.45	58.46	57.21	58.16	58.59	57.78	27.7	27.6	28.9	29	28.1	27.7	28.2	29.6	26.7	79	79	74	75	78	79	77.3	1
17..	58.14	58.51	58.87	57.50	57.57	59.30	58.32	26.8	27.7	28.9	29.6	28.7	26.6	28	30.1	25.4	84	82	78	75	79	86	80.7	.....
18..	58.18	58.47	58.32	57.03	57.27	58.67	57.99	27.6	27.6	28.8	30.1	28.7	28.6	28.6	30.6	26.8	84	85	76	64	80	80	78.2	.....
19..	57.80	58.19	58.97	57.75	57.39	58.87	58.16	27.7	27.8	28.6	29.7	28.6	26.4	28.1	29.9	25	84	84	78	71	78	89	80.7	.....
20..	57.84	57.83	58.87	57.50	57.91	59.07	58.17	27.8	27.9	28.6	29.2	28.7	28.7	28.5	30.1	25	79	77	78	72	74	75	75.8	.....
21..	57.91	58.15	58.57	57.20	57.26	58.57	57.94	27.7	27.6	28.3	29.4	28.8	28.1	28.3	30	26.8	82	83	78	75	76	80	79	.....
22..	57.46	57.35	57.20	55.49	55.37	56.82	56.62	27.8	27.6	28.2	29	28.6	28.3	28.2	29.5	27.5	82	83	76	77	82	82	80.3	.....
23..	55.68	55.92	56.69	55.24	55.37	56.32	55.87	26.8	27.8	28.5	28.8	28.8	28.7	28.2	30.1	26.6	86	84	81	79	79	79	81.3	.....
24..	55.56	55.56	56.39	55.17	55.42	56.90	55.83	28.4	27.8	28.5	28.7	27.7	28.2	28.2	29.2	27.4	78	79	81	83	85	85	81.8	.....
25..	55.62	56.06	56.49	55.50	55.87	57.25	56.13	28.1	27.8	28.4	28.5	28.2	27.8	28.1	29	27.6	85	86	80	83	80	82	82.7	.....
26..	56.16	56.45	56.99	55.47	55.97	57.53	56.43	27.9	27.5	28.4	29	28.4	27.5	28.1	29.3	27.4	82	82	77	74	83	82	80	.....
27..	56.31	57.10	57.50	56.10	56.43	57.78	56.87	27.7	27.6	27.5	28.4	26.6	27.1	27.5	28.9	26.5	80	80	84	77	79	82	80.3	2
28..	56.58	56.76	57.36	56.09	56.96	58.75	57.08	28	27.7	28.9	30.5	28.8	25.8	28.3	31	25.1	79	78	77	67	82	92	79.2	.5
29..	58.55	58.48	58.11	57.33	57.83	59.43	58.29	24.9	23.9	28.3	29.9	29.2	26	27	30.9	23.7	92	93	78	71	75	91	83.3	2.3
30..	58.68	58.88	59.55	58.11	58.57	60.27	59.01	25.2	24.1	28.8	29.6	25.9	24.6	26.4	30.6	23.7	95	97	78	73	81	94	86.3	.....
31..	59.77	60.20	60.81	59.03	59.15	60.37	59.89	23	22.8	28.6	29.9	25.8	24.3	25.7	31	22.5	96	97	79	71	84	92	86.5	.....
Mean	57.03	57.24	57.79	56.47	56.72	58.01	57.21	26.6	26.5	28.3	28.9	27.8	26.8	27.5	29.7	25.5	85.1	84.8	78.6	76.1	80.5	85	81.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	163.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	S	W	N	N	20.1	29	40	28.7	117.8	5	Ci.	S.-Cu.	9	Ci.-S.	S.-Cu.
2..	Calm	N	S	W	E	N	20.7	45.7	76.9	22	165.3	0	.....	Cu.	7	Ci.-S.	cu.-N. NNE
3..	N	Calm	W	WNW	Calm	Calm	18.8	60.2	67	16.4	162.4	4	Ci. NNE	Cu.	8	Ci.-S.	Cu.-N. NW
4..	WNW	WNW	W	NW	NW	WNW	32.4	126.8	100.4	41.6	301.2	10	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	N. WNW
5..	WNW	WNW	W	W	WSW	WSW	43.3	88	151.8	92.3	375.4	10	Ci.-S.	N. WNW	9	Ci.-S.	S.-Cu. W
6..	WSW	SW	SW	SSW	SW	SW	117.7	101.9	128.5	150	498.1	9	Ci.-S.	N. SW	7	Ci.-S.	Cu. SW
7..	SW	SW	SW	SW	SW	SW	159.5	176.8	172.4	164.1	672.8	10	Ci.-S.	N. SW	9	Ci.-S.	S.-Cu. SW
8..	SW	SW	SW	WSW	WSW	WSW	217.2	163.9	190.9	158.5	730.5	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	s.-cu. wsw
9..	WSW	WSW	WSW	WSW	WSW	WSW	167.3	212.2	164.4	181.6	725.5	10	Ci.-S.	Cu.-N. WbyS	10	Ci.-S.	s.-cu. wsw
10..	WSW	WSW	WSW	WSW	WSW	WSW	249.4	260.7	249.4	247.6	1,007.1	8	Ci.-S.	s.-cu.wsw	7	Ci.-S.	Cu. WSW
11..	SW	SW	SW	SW	WSW	SW	228.7	224.3	213.2	198.1	864.3	5	Ci.	S.-Cu.	7	Ci.-S.	Cu. WSW
12..	SW	SSW	SSW	SW	WSW	SW	172.5	153.1	136.3	133.6	595.5	7	Ci.-S.	S.-Cu. sw	4	Ci.	Cu.
13..	SW	SW	SW	SW	WSW	WSW	179.4	153.4	163	197.1	692.9	6	Ci.-S.	S.-Cu. sw	5	Ci.	Cu. WSW
14..	WSW	WSW	WSW	WSW	WSW	WSW	207.4	166	147.8	196.3	717.5	7	Ci.-S.	s.-cu wsw	6	Ci.-S.	Cu. WSW
15..	SW	SW	SW	SW	SW	SW	172.8	131.2	149.1	189.9	643	9	Ci.-S.	s.-cu.wsw	9	Ci.-S.	S.-Cu. wsw
16..	WSW	WSW	SW	SW	SW	SW	191.3	161.2	114.1	95.2	561.8	9	Ci.-S.	s.-cu.wsw	7	Ci.	Cu.
17..	SW	SW	SSW	WSW	SW	W	91.7	128.5	121.5	54.9	396.6	9	Ci.-S.	s.-cu. SW	8	Ci.-S.	Cu.
18..	SW	SW	W	W	SW	W	116.5	137.6	107.6	84.5	446.2	7	Ci.-S.	s.-cu.wsw	6	Ci.	Cu.
19..	W	W	WSW	WSW	W	W	136.8	113.3	112.5	24.3	386.9	7	Ci.-S.	s.-cu.wsw	3	Ci.	Cu.
20..	W	SW	SW	WSW	SW	W	124.5	123.6	104.3	91.9	444.3	5	Ci.	s.-cu.wsw	5	Ci.	Cu. WSW
21..	W	SW	WSW	WSW	SW	SW	100.1	134.4	107.5	91.9	433.9	3	.....	s.-cf. wsw	2	.....	Cu.
22..	WSW	WSW	WSW	WSW	WSW	WSW	123.9	151.1	133.4	101.9	510.3	5	Ci.	s.-cu.wsw	2	.....	Cu. WSW
23..	WSW	WSW	WSW	WSW	WSW	WSW	117.7	174.4	148.7	131	571.8	8	Ci.-S.	s.-cu.wsw	4	Ci.	Cu. WSW
24..	WSW	WSW	SW	SW	SW	SW	144.6	168.6	166.8	124.9	604.9	5	Ci.	S.-cu.wsw	7	Ci.-S.	s.-cu. wsw
25..	SW	SW	SW	WSW	WSW	SW	178.1	143.8	152.9	173	647.8	10	Ci.-S.	s.-cu.wsw	8	Ci.-S.	s.-cu. wsw
26..	SW	SW	SW	SW	WSW	SW	150.3	151.5	145.4	136.8	584	10	Ci.-S.	s.-cu.wsw	8	Ci.-S.	s.-cu. wsw
27..	SW	SW	SW	WSW	W	WSW	162.5	138.2	140.6	81.6	522.9	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	s.-cu. wsw
28..	SW	S	S	S	W	Calm	124.7	114.6	76.1	59.7	375.1	8	Ci.-S.	s.-cu. ssw	3	Ci.	Cu.
29..	Calm	Calm	SSE	W	S	Calm	18.2	58.1	38.4	20.9	135.6	9	Ci.-S.	S.-Cu. sw	7	Ci.-S.	Cu.
30..	Calm	Calm	SSE	SW	N	Calm	18.8	44.5	47.3	29.5	140.1	8	Ci.-S.	S.-Cu. S	6	Ci.	Cu.
31..	N	N	S	SW	N	Calm	31.7	41.5	55	23.6	151.8	5	Ci.	Cu.-N.	6	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	123.8	131.6	126.6	107.9	489.8	7.4	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,183.3	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.77	59.75	60.37	58.86	58.57	60.13	59.58	23.1	22.9	28.6	27.9	27.7	24.8	25.8	29.7	22.8	96	97	83	82	84	93	89.2	18.3
2..	59.18	58.83	59.85	58.14	58.52	59.71	59.04	23.3	22.7	27.9	29.6	28.4	24.2	26	30	22.6	96	98	84	76	77	94	87.5	1.3
3..	58.72	59.24	60.26	58.45	58.76	60.75	59.36	22.9	22.3	28.2	28.6	28.6	25	25.9	31.6	22.2	96	97	79	73	75	94	85.7	.....
4..	59.64	59.71	60.49	58.44	58.58	60.37	59.54	23.7	23.2	28.6	29.7	28.8	27.2	26.9	30.1	23	96	97	76	71	76	86	83.7	.....
5..	59.15	58.91	59.74	58.16	57.91	59.67	58.92	24.8	23.7	28.9	29.6	28.8	26.6	27.1	29.9	23.5	93	97	74	73	78	89	84	.....
6..	58.67	58.63	58.99	57.57	57.37	58.79	58.34	25.1	25.2	28.6	29	28.7	27.9	27.4	30	24.7	92	91	80	81	80	81	84.2	.....
7..	57.97	57.90	58.80	57.62	58.06	59.01	58.23	25.2	25.5	28.6	29.5	28.6	26.7	27.4	29.8	24.6	93	92	79	71	77	88	83.3	.....
8..	57.88	57.83	58.92	57.76	57.89	59.58	58.31	25.7	25.7	28.4	27.8	24.7	23.9	26	28.9	23.7	91	90	80	76	90	94	86.8	1
9..	58.23	58.50	58.67	57.21	57.47	58.33	58.07	23.7	24.1	27.5	28.9	26.5	25.9	26.1	30	23.3	96	91	82	65	80	86	83.3	3.5
10..	56.81	56.76	58.24	56.38	56.55	57.67	57.07	26.3	25.4	24.5	26.7	23.7	26.7	25.6	27.5	23.6	88	88	92	80	92	83	87.2	17.4
11..	56.47	56.54	57.46	56.01	57.12	58.33	56.99	26.6	26.6	27.5	27.2	26.4	26.6	26.8	28.4	22.6	80	79	83	82	77	77	79.7	22.1
12..	57.15	57.20	57.65	56.58	57.15	59.03	57.46	26.8	26.6	27.4	27.5	28.4	24	26.8	29	23.2	82	81	84	80	79	93	83.2	23.9
13..	58.15	57.16	58.34	57.37	57.60	59.23	57.98	22.8	25.2	27.8	30.1	28.8	25.3	26.7	30.7	22.6	95	92	86	67	75	93	84.7	.....
14..	58.66	58.94	59.69	57.37	58.32	59.72	58.78	24.2	24	28.6	29.2	25.9	24.8	26.1	29.9	23.7	96	97	82	75	92	93	89.2	2.5
15..	58.69	59.07	59.35	57.49	58.92	60.52	59.01	23.8	23	27.6	29	25.4	23.8	25.4	29.4	22.7	96	97	79	76	93	94	89.2	24.1
16..	58.67	58.73	59.57	57.94	58.12	59.96	58.83	23	22.8	27.4	29.4	27.5	24.2	25.7	30.4	22.7	96	97	83	74	85	95	88.3	16.8
17..	58.86	58.93	59.66	57.41	57.20	58.66	58.45	23.7	23.1	27.3	28.1	27.4	26.7	26	29	23	96	97	81	82	84	83	87.2	57.8
18..	57.76	57.34	58.05	56.19	56.39	58.17	57.32	23.7	25.4	28	24.5	25.4	27.5	25.8	29.9	23.2	94	92	82	92	93	79	88.7	13.2
19..	56.98	57.16	57.97	56.35	56.88	58.67	57.34	27	27.6	28.3	29.5	28	27.2	27.9	30.1	26.9	83	80	79	73	81	84	80	3
20..	57.38	57.94	58.70	57.61	57.73	58.87	58.04	26.8	24.4	27.6	27.5	25.5	25.7	26.2	28.7	23.8	85	94	81	84	80	88	85.3	3.8
21..	57.54	57.84	58.85	57.66	57.60	58.90	58.06	24.7	25.6	26.5	25.8	25.9	26.8	25.9	29	24.4	94	89	88	93	94	89	91.2	7.9
22..	57.77	57.90	58.63	57.47	57.77	58.70	58.04	25.8	25.7	27.2	25.5	27.4	26.7	26.4	28.7	25.1	93	93	83	95	84	88	89.3	5.1
23..	56.95	57.40	58.22	57.32	56.74	57.67	57.38	25.8	25.2	27.4	25.8	27.3	27.2	26.4	28.6	24.9	93	94	84	93	82	84	88.3	13.9
24..	56.63	56.64	57.09	55.90	55.65	57.32	56.54	27.5	25.3	27.4	27.9	27.8	26.9	27.1	28.9	25	83	93	84	81	83	86	85	33
25..	56.88	56.89	57.61	56.49	57.16	57.80	57.14	26.9	24.7	28.2	28.9	26.4	25.2	26.7	30	24.3	86	94	80	74	89	93	86	21.6
26..	57.53	57.79	58.89	57.09	57.30	58.68	57.88	24.7	26.5	28	28.5	28.1	26.1	27	29.3	24.4	94	83	80	77	83	91	84.7	.3
27..	57.13	57.47	58.03	56.83	56.77	57.98	57.37	27.7	26.5	28.5	27.6	26.5	25	27	29.6	24.5	83	86	83	84	90	93	86.5	4.9
28..	57.27	57.18	57.90	56.37	56.72	58.21	57.28	26.8	26.6	28.8	29	28.6	27.6	27.9	29.9	24.5	86	87	83	81	82	84	83.8	5.1
29..	57.26	57.98	58.65	57.76	58.19	59.41	58.21	26.6	26.8	27.5	24.6	26.5	24.8	26.1	30.1	24.4	86	86	81	92	85	93	87.2	15.5
30..	58.37	58.82	59.49	57.96	58.09	59.73	58.74	24.4	27.4	28.6	29.4	28.4	26.8	27.5	29.7	24.2	95	84	83	81	80	87	85	.3
31..	58.55	58.30	58.95	57.39	57.82	59.73	58.46	26.5	24.8	28.4	29.4	27.1	27.6	27.3	29.8	24.7	88	94	82	78	85	82	84.8	.....
Mean	57.96	58.04	58.81	57.33	57.58	59.01	58.12	25.1	25	27.9	28.1	27.2	26	26.5	29.6	23.8	91	91.2	81.9	79.4	83.4	88.3	85.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	316.3

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	W	NW	Calm	Calm	27.4	42.6	40.2	12	122.2	5	Ci. NNE	Cu.	8	Ci.-S.	Cu.-N.
2..	N	Calm	SW	W	N	N	19	47.7	74.8	21.7	163.2	0	.....	Cu.	7	Ci.-S.	S.-Cu.WNW
3..	N	N	S	NE	NW	N	34.1	39.1	61.7	18.3	153.2	3	Ci.	Cu.	9	Ci.-S.	Cu.
4..	N	N	W	W	W	SW	28.2	67.4	88.2	63	246.8	4	.....	Cu. W	3	Ci.	Cu.
5..	N	N	WSW	WSW	WSW	NW	24.4	80.2	95.8	60.6	261	6	Ci.	S.-cf. W	6	Ci.	Cu. WSW
6..	NW	NW	WSW	WSW	SW	SW	22	102.2	120.2	75.6	320	5	Ci.	Cu.	6	Ci.	Cu. W
7..	NW	NW	W	WSW	W	NW	23.9	89.5	97.4	53.9	264.7	7	Ci.-S.	S.-cf. W	8	A.-Cu.	S.-Cu. W
8..	Calm	Calm	W	W	Calm	NW	23.2	88	64.6	16.4	192.2	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. W
9..	NW	WNW	WNW	NW	NW	NW	33.8	50.9	60.2	21.9	166.8	10	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	S.-Cu.
10..	W	W	WNW	WNW	W	W	59.8	88	80.5	141.4	369.7	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	S.-Cu.WNW
11..	W	W	SW	WSW	WSW	WSW	170.9	178.3	182.3	162.5	694	10	Ci.-S.	N. W	10	Ci.-S.	S.-Cu. WSW
12..	SW	SSW	S	SW	SW	NW	146.2	137.8	75	61.2	420.2	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu.SSW
13..	NW	SSE	SSE	SSE	Calm	Calm	34.4	54.9	29	20.9	139.2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
14..	NW	Calm	S	W	Calm	Calm	17.2	32.4	54.5	17.7	121.8	10	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
15..	N	N	S	W	N	Calm	19.3	46.7	45.1	12.6	123.7	8	A.-Cu. E	S.-Cu.	8	Ci.-S.	Cu.-N.
16..	Calm	Calm	WNW	NW	Calm	Calm	10.5	28	46.4	18.5	103.4	9	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.NNW
17..	Calm	N	W	W	W	W	12.6	80.5	114.8	58.9	266.8	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.WNW
18..	Calm	W	W	WNW	Calm	W	17.5	115.9	80.5	68.7	282.6	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	N. WNW
19..	WSW	WSW	WSW	WSW	WSW	W	104.9	151.1	128.1	87.2	471.3	10	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
20..	WNW	Calm	WSW	WSW	SW	NW	85.8	92.8	112.1	67.4	358.1	9	Ci.-S.	N. W	10	Ci.-S.	S.-Cu. W
21..	Calm	WNW	W	WSW	Calm	W	22	79.5	53.9	84	239.4	9	Ci.-S	S.-Cu. WNW	10	Ci.-S.	N. W
22..	WSW	WSW	WSW	WSW	W	W	69.5	135.2	62.6	83.5	350.8	10	Ci.-S.	N. W	10	Ci.-S.	N. W
23..	WNW	W	W	NW	W	W	62	110	70.3	93.9	336.2	9	Ci.-S.	N. W	10	Ci.-S.	N. WNW
24..	W	WSW	WSW	WSW	WSW	WSW	138.9	132.9	140.9	123.4	536.1	9	Ci.-S.	N. WSW	7	Ci.-S.	S.-Cu. WSW
25..	SW	SW	WSW	SW	WSW	NNW	94	117.5	71.3	52.1	334.9	10	Ci.-S.	N. SW	8	A.-Cu. W by S	Cu.
26..	W	SW	SW	SW	SW	Calm	75.4	82.9	89.9	78.4	326.6	10	Ci.-S.	S.-Cu. WSW	8	A.-Cu. E	Cu.
27..	W	W	WSW	WSW	Calm	NW	97.4	107	50.1	15.6	270.1	8	A.-Cu.	S.-Cu. W	9	Ci.-S.	S.-Cu. W
28..	W	WNW	WSW	WSW	WSW	W	76.6	116.9	95.8	97.4	386.7	10	Ci.-S.	S.-Cu. W	7	Ci.-S.	Cu. W
29..	W	W	W	W	W	Calm	82.3	114.6	71.9	13.4	282.2	10	Ci.-S.	N. W	10	Ci.-S.	N. W
30..	Calm	W	W	WSW	SW	W	42.3	109.6	99.3	46.1	297.3	8	A.-Cu.	S.-Cu. W	7	A.-Cu.	S.-Cu. W
31..	NW	NW	WSW	WSW	WSW	W	48.3	122.6	120.4	112.9	404.2	9	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-Cu. W
Mean	.....	.....	.....	.....	.....	.....	55.6	91.7	83.2	60	290.5	8.3	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,005.4	....	.....	.....	....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.12	58.42	59.65	57.83	58	59.77	58.63	26.6	26.6	28.6	29.2	28.6	27.7	27.9	30	26.1	88	87	80	78	77	82	82	.....
2..	58.81	58.72	59.74	57.51	57.65	59.30	58.62	25.7	25.7	28.5	28.7	28.4	27.5	27.4	29.9	25.2	93	90	81	84	81	82	85.2	.....
3..	57.82	57.57	58.50	56.40	56.51	57.57	57.40	26.8	27.4	28.3	29.2	28.4	27.8	28	30	26.7	86	83	81	76	74	80	80	4.4
4..	56.13	56.17	56.96	54.85	54.71	56.22	55.84	27.1	27.5	28.3	28.9	28.1	28.5	28.1	29.2	25.7	83	84	81	78	81	78	80.8	2.3
5..	54.75	54.65	56.25	53.99	53.90	56.45	55	27.9	27.8	28.7	29.7	29.4	25.7	28.2	30.1	24.5	79	80	78	72	74	93	79.3	14.2
6..	54.58	55.38	56.05	55.38	55.89	57.23	55.75	27.7	27.2	28	26.1	27.4	27.6	27.3	28.8	25	82	84	80	93	85	84	84.7	31
7..	56.09	56.18	56.89	55.47	55.37	56.36	56.06	27.6	27.6	28.4	29	28	28	28.1	29.3	27.4	82	81	81	77	80	81	80.3	.....
8..	56.05	56.28	56.85	55.30	55.52	57.10	56.18	27.9	27.7	28.4	28.6	28	27.9	28.1	29.2	26.6	79	82	78	80	78	79	79.3	.8
9..	56.67	57.17	57.55	56.12	57	58.20	57.12	27.9	27.5	28.6	28.7	27.7	27.7	28	29.2	26.4	81	87	81	80	83	82	82.3	.8
10..	57.20	57.66	58.35	56.51	57.10	59.02	57.64	27.6	27.4	28.8	28.9	28.5	27.7	28.2	29.4	27	82	83	80	81	81	82	81.5	1.3
11..	58.06	58.81	59.62	57.89	58.30	59.21	58.65	27.8	26	28.6	28.9	28.7	28.2	28	29.6	25.6	82	94	84	81	80	82	83.8	.....
12..	58.74	59.42	59.91	58.23	58.45	60.36	59.18	27.8	27.7	29	30.5	28.6	24.8	28.1	31	24.1	84	85	82	68	77	94	81.7	.....
13..	59.59	59.62	60.09	58.51	59.04	60.76	59.60	23.9	23.7	29.2	30.7	27.9	24.8	26.7	31.4	23.4	96	98	79	72	82	93	86.7	.....
14..	59.68	60.03	60.57	58.60	59.27	60.85	59.83	23.8	23.7	29.4	29.2	28.3	25.1	26.6	30.4	23.4	97	97	84	83	80	93	89	.....
15..	59.62	59.68	60.45	58.70	59.42	60.67	59.76	24.5	25	29.2	29.7	28.7	28.3	27.6	30.1	24	96	96	81	79	77	79	84.7	.....
16..	59.21	59.38	60.34	58.74	58.75	60.93	59.56	27.9	25.5	28.5	28	26.7	25.3	27	29.9	24.9	79	88	83	77	89	94	85	1.8
17..	59.82	60.43	61.22	58.31	58.68	60.54	59.83	24.4	24.3	27.4	29	28.6	24.8	26.4	30	23.7	93	93	87	76	75	93	86.2	1.6
18..	59.64	60.67	61.07	58.65	59.37	60.65	60.01	24.1	24.3	27.9	29.8	27.7	25	26.5	30	23.3	92	91	80	69	81	93	84.3	4.3
19..	59.76	60.44	60.77	58.80	59.46	60.52	59.96	23.9	25	28.7	29.4	27.6	24.8	26.6	29.8	23.8	95	95	80	76	80	93	86.5	54.6
20..	59.42	59.57	59.37	56.42	56.81	58.61	58.37	23.8	24.1	25.4	29.6	27.2	24.8	25.8	30.4	23.7	95	94	92	70	83	94	88	3.6
21..	57.96	57.48	57.96	56.14	56.53	57.98	57.34	23.1	22.1	28.5	28.8	27.7	24.3	25.8	29.9	22	96	96	74	73	79	93	85.2	.8
22..	57.71	57.69	58.25	56.80	56.80	58.90	57.69	23.9	23.1	28	27.9	27.8	25.9	26.1	29.1	23	95	95	81	84	86	93	89	4.8
23..	57.92	57.77	58.60	57.03	57.85	59.51	58.11	25.6	25.9	28.8	29.5	28.3	25.6	27.3	29.9	24.7	92	88	78	76	78	93	84.2	3
24..	58.56	59.04	60.37	58.51	58.99	60.15	59.27	24.8	24.5	27.5	28.8	27.3	25.6	26.4	29.8	24.4	93	94	85	76	85	93	87.7	.....
25..	59.52	60.51	61.17	58.74	59.18	60.76	59.98	24	23.2	28.9	29.5	25.8	25	26.1	30.8	23.1	96	97	77	71	93	93	87.8	4.6
26..	59.72	60.58	61.02	58.46	58.96	60.31	59.84	24	23.5	29	30.4	25.8	24.7	26.2	30.8	23.2	95	96	76	74	93	93	87.8	20.3
27..	59.69	59.93	60.40	57.62	58.47	59.82	59.32	23.8	23.7	30.5	31.5	27.9	25.8	27.2	32.7	23.3	96	97	67	62	77	91	81.7	.....
28..	58.77	58.62	59.08	56.42	57.21	58.03	58.02	23.9	23.3	27.7	28.9	27.2	24.4	25.9	32.2	23.1	96	96	87	71	81	94	87.5	20.9
29..	56.19	56.49	56.37	54.23	55.42	56.39	55.85	24.5	24.3	29.4	27.6	25.4	25.8	26.2	30.7	24.1	94	95	81	83	90	92	89.2	22.6
30..	55.21	55.37	56.33	54.56	55.32	56.77	55.59	26.9	27.4	28.1	29	28.5	28.6	28.1	29.6	25.5	85	83	79	81	77	78	80.5	.3
Mean	58.03	58.32	58.99	57.02	57.46	58.96	58.13	25.6	25.4	28.5	29.1	27.8	26.3	27.1	30.1	24.6	89.4	90.3	80.6	76.7	81.2	88.1	84.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	W	W	WSW	W	W	69	88.8	98.8	112.1	368.7	6	Ci.	S.-Cu. W	7	Ci.	Cu. W
2..	NW	NW	WSW	WSW	WSW	W	32.4	90.9	138.2	95.6	357.1	5	Ci.	S.-Cu. W	6	Ci.-S.	Cu. W
3..	W	W	W	W	WNW	W	58.1	141	136.2	100.1	435.4	9	Ci.-S.	S.-Cu. W	8	Ci.-S.	S.-Cu. W
4..	W	WSW	WSW	WSW	WSW	WSW	161.2	190.2	200.6	179.2	731.2	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. wsw
5..	WSW	SW	SW	SW	SW	SW	201.7	189.9	199.8	230.3	821.7	10	Ci.-S.	N. SW	8	Ci.-S.	S.-Cu. sw
6..	SW	SW	SW	WSW	WSW	SW	217.7	206.6	190.2	142.9	757.4	10	Ci.-S.	N. SW	10	Ci.-S.	N. WSW
7..	SW	SW	SW	SW	W	W	146.4	157.1	170	169.8	643.3	7	A.-Cu.	WNW	s.-cu.	wsw	8	Ci.-S.	S.-Cu. wsw
8..	WSW	WSW	WSW	WSW	WSW	WSW	165.4	192.3	186.6	152.9	697.2	9	Ci.-S.	s.-cu.	wsw		8	Ci.-S.	S.-Cu. wsw
9..	SW	SW	SW	SW	SW	SW	157.7	150.7	159.9	179.6	647.9	9	Ci.-S.	S.-Cu.	sw		8	Ci.-S.	S.-Cu. wsw
10..	SW	SW	SW	WSW	SW	SW	174.6	159.9	168.6	156.3	659.4	9	Ci.-S.	S.-Cu.	sw		7	Ci.-S.	S.-Cu. wsw
11..	SW	WSW	SW	WSW	WSW	SW	154.8	151.1	120.4	146.1	572.4	9	Ci.-S	N.	WSW		7	Ci.-S.	Cu. WSW
12..	SW	SW	SW	WSW	NW	N	129	71.3	80.2	17.7	298.2	7	Ci.-S.	s.-cu.	wsw		6	Ci.-S.	Cu.
13..	Calm	N	SW	SW	Calm	N	17.9	54.7	77.5	16.4	166.5	6	Ci.	S.-Cu.	sw		5	Ci.	Cu.
14..	N	N	WSW	SW	Calm	N	21.4	86.1	82.1	18.8	208.4	6	Ci.-S.	S.-Cu.	sw		8	Ci.-S.	S.-Cu. wsw
15..	N	N	SW	WSW	WSW	WSW	27.9	113	114.1	66.2	321.2	8	Ci.-S.	S.-Cu.	W		8	Ci.-S.	S.-Cu. W
16..	W	NW	WSW	Calm	Calm	N	65.2	91.4	40.7	19.5	216.8	8	Ci.-S.	s.-cu.	wsw		9	Ci.-S.	S.-Cu. W
17..	N	N	NW	W	N	N	28.8	52.3	42	23.5	146.6	8	Ci.-S.	Cu.-N.	sw		7	Ci.-S.	Cu.
18..	N	NW	SW	W	Calm	N	30.8	43.1	52.8	26.4	153.1	9	Ci.-S.	N.	W		7	Ci.-S.	Cu.
19..	N	N	WSW	WSW	Calm	NW	32.8	95	69.8	20.4	218	7	Ci.-S.	S.-Cu.	W		6	Ci.-S.	Cu. W
20..	WNW	Calm	NW	WNW	NW	Calm	58.1	33.8	90.6	20.4	202.9	10	Ci.-S.	N.	WNW		8	A.-Cu.	S.-Cu. NW
21..	Calm	N	W	W	W	N	22.8	64.9	70.5	34.8	193	7	Ci.	S.-Cu.	WNW		8	A.-Cu.	Cu. W
22..	N	N	WSW	WSW	W	NW	28.8	51.7	102.2	23	205.7	7	Ci.-S.	S.-Cu.			7	Ci.-S.	S.-Cu. W
23..	Calm	W	WSW	WSW	W	N	56.9	69.8	74.2	22.3	223.2	8	Ci.-S.	S.-Cu.	W		6	Ci.	Cu. W
24..	N	NNE	S	S	SE	N	27.1	53.6	30.6	18.5	129.8	8	Ci.-S.	S.-Cu.	W		8	Ci.-S.	Cu.-N.
25..	Calm	N	S	SW	Calm	N	25.7	38.8	55.8	21.1	141.4	4	Ci.	Cu.			8	Ci.-S.	Cu.-N.
26..	Calm	NNE	S	W	N	N	16.3	33.6	56.3	27.1	133.3	4	Ci.	Cu.			7	Ci.-S.	Cu.-N. NE
27..	N	NNE	NNE	NNE	NNE	Calm	20.4	37.3	54.7	15	127.4	5	Ci.-S.	S.-Cu.			5	Ci.	Cu. NE
28..	N	Calm	N	N	N	N	17.9	33.3	67.6	30	148.8	4	Ci.	Cu.			8	Ci.-S.	S.-Cu. N
29..	Calm	N	WNW	WNW	W	W	15.3	65.7	66	30.1	177.1	9	Ci.-S.	s.-cu.	NNW		9	Ci.-S.	S.-Cu. NW
30..	W	WSW	WSW	WSW	WSW	WSW	172.7	195	196	203.5	767.2	10	Ci.-S.	S.-Cu. W			8	Ci.-S.	S.-Cu. wsw
Mean	.....	.....	.....	.....	.....	.....	78.5	100.1	106.4	77.3	362.3	7.6	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,870.3	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.93	55.40	57.38	55.15	55.15	56.38	55.73	28.2	27.6	28.2	28.	27.8	27.8	27.9	28.8	27.2	79	81	81	84	82	82	81.5	.....
2..	54.88	55.36	56.33	53.87	54.74	56.10	55.21	27.8	27.7	28.2	27.5	27		27.7	27.6	28.8	25.6	82	82	76	79	81	79	79.8	9.7
3..	54.77	55.21	56.41	54.86	55.67	57.18	55.68	27.3	27.4	28	28.1	27.3		27.7	27.6	28.8	26.2	81	80	77	83	84	82	81.2	.8
4..	56.28	57.72	59.10	57.57	58.58	58.71	59.77	58.19	27.8	27.8	28.5	29.7	28.3	28.2	28.4	30.1	27.5	80	77	73	70	79	80	76.5	.....
5..	59.16	60.42	61.10	59.04	59.80	61.06	60.10	28	24.2	28.1	29.5	27.5	24.8	27	30	24.1	80	95	86	72	81	93	84.5	.....
6..	60.34	60.89	60.95	58.43	58.94	60.30	59.98	23.3	22.7	28.6	30	28.6	25.1	26.4	30.8	22.5	96	97	81	74	75	94	86.2	.....
7..	58.82	58.63	59.55	57.94	58.19	60.06	58.86	24	23.5	28.7	30	28.5	25.7	26.7	30.4	23.3	95	96	78	74	75	93	85.2	.....
8..	58.66	58.98	59.69	57.61	58.71	60.13	58.96	24.2	23.7	28.8	30.2	27.2	25.1	26.5	31.8	23.6	95	97	80	73	83	92	86.7	.....
9..	58.87	58.93	59.76	57.65	58.31	59.32	58.81	24.1	23.2	29.9	31.6	26.7	25.2	26.8	31.9	22.8	95	96	62	59	85	93	81.7	.....
10..	58.08	58.72	59.88	57.40	57.97	59.44	58.58	24.5	24.2	25.4	29	25.7	23.9	25.4	30	23.7	94	94	92	71	86	94	88.5	2.6
11..	58.54	58.55	59.35	57.23	57.82	59.52	58.50	23.8	23.7	28.8	30.4	26.3	23.8	26.1	31.9	23.5	97	97	74	64	80	93	84.2	.....
12..	57.97	58.27	59.30	57.16	57.91	59.26	58.31	22.8	22.8	29.4	31	26.7	24.8	26.2	31.4	22.6	97	97	71	59	77	93	82.3	.5
13..	58.36	58.35	58.35	56.91	57.07	58.39	57.90	24.1	22.7	28.5	28.5	26	24.1	25.6	32	22.6	95	96	70	79	84	96	86.7	2.3
14..	57.55	57.02	57.57	57.57	55.50	55.52	56.14	56.55	23	22.6	28.3	29	26.6	26.8	26	30	22.4	96	97	72	71	83	83	83.7	.....
15..	54.68	54.87	55.65	53.66	53.56	54.96	54.56	27.2	27.3	28	28.5	28.2	28.5	28	28.8	26.7	84	84	81	77	77	77	80	.....
16..	53.85	55.10	56.92	54.67	56.16	58.02	55.79	27.8	27.8	28.4	29	27.5	24.4	27.5	29.8	23.7	79	80	78	79	85	94	82.5	1.8
17..	57.20	57.86	58.39	55.97	56.40	59.06	57.48	23.6	23	28.6	30.8	29.3	26.8	27	31	22.8	95	97	79	76	81	87	85.8	6.4
18..	58.22	57.91	58.47	56.73	57.15	58.38	57.81	24.3	23.3	28.5	30.4	27.8	24.5	26.5	30	23.3	94	97	77	66	79	94	84.5	3.6
19..	57.78	58.49	59.10	56.35	57.30	58.64	57.94	23.8	23.4	28.5	29.9	28	27.7	26.9	30.3	23.3	95	97	78	75	80	81	84.3	2.5
20..	57.67	57.90	58.39	56.32	56.70	57.61	57.43	25.8	24.9	27.9	28.5	27	25.9	26.7	29.2	24.7	93	97	85	86	89	93	90.5	1.3
21..	56.77	56.56	57.33	54.82	55.22	55.62	56.05	25.4	24.6	27.2	27	27	27.7	26.5	28.3	24.5	93	94	86	84	88	83	88	1.8
22..	55.08	56.37	57.83	56	56.42	57.86	56.59	27.7	27.8	27.5	28.4	28.2	28.2	28	29	26.3	82	80	85	81	81	82	81.8	1.3
23..	57.57	59.22	59.83	57.53	58.65	60.13	58.82	26.2	25.3	29.6	30.3	27.6	24.8	27.3	31	24	92	93	80	70	79	94	84.7	.....
24..	59.14	59.42	60.30	57.74	58.98	59.97	59.26	23.7	23.2	29	29.7	25.8	24.2	25.9	30.2	23.1	94	97	83	82	87	96	89.8	.....
25..	58.86	59.38	60.25	57.70	59.36	60.73	59.38	23.5	23	29	30	25.8	24.5	26	30.8	22.7	96	97	79	69	89	94	87.3	.....
26..	59.82	60.71	61.13	59.40	60.45	61.69	60.53	23.9	23.2	31	28.5	26.1	23.1	26	31.5	22.8	96	97	66	80	86	95	86.7	3.5
27..	60.68	61.84	62.10	59.80	61.02	62.01	61.24	23.8	24.1	30.2	29.1	26.7	24.8	26.4	32.3	22.9	96	97	69	73	86	94	85.8	2.3
28..	60.77	61.08	61.86	59.28	60.32	61.84	60.86	23.4	23.5	28.2	29.7	25.4	25	25.9	31.4	23	95	97	79	70	92	93	87.7	13
29..	59.99	60.14	60.07	57.93	59.28	59.87	59.55	24.2	23.8	29.5	27.8	25.4	24.8	25.9	30.9	23.4	95	97	76	79	89	93	88.2	3.8
30..	58.89	59.29	59.84	57.55	58.12	59.95	58.94	23.8	23.3	28.7	23	27.6	25.9	27	33.6	23.2	95	97	78	62	81	93	84.3	.....
31..	58.96	59.82	60.55	59.07	59.01	60.84	59.71	24.9	24.1	30.2	27.4	26.5	24	26.2	30.7	23.8	94	97	68	85	92	93	88.2	4.8
Mean	57.84	58.34	59.12	57	57.70	59.04	58.17	25	24.5	28.6	29.4	27.1	25.7	26.7	30.5	23.9	91.3	92.8	77.4	74.4	83.1	89.8	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WSW	WSW	WSW	WSW	WSW	WSW	255	235.9	245.2	277.6	1,013.7	10	Ci.-S.	S.-Cu. WSW	9	Ci.-S.	S.-Cu. WSW
2..	SW	SW	SW	SW	SW	SW	284	241.9	251.3	239.8	1,017	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
3..	SW	SW	SW	SW	SW	SW	235.5	210.2	224.5	204.9	875.1	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
4..	SW	SW	S	SSW	SW	SW	196.6	118.9	98.8	93.1	507.4	9	A.-Cu.	S.-Cu. SW	8	Ci.-S.	Cu.
5..	SW	N	S	SW	Calm	N	42.9	48.5	34.6	22.2	148.2	7	Ci.-S.	S.-Cu. SSW	10	Ci.-S.	.....
6..	N	N	S	SW	N	N	30.4	43.1	70.6	15.9	160	5	Ci.	Cu.	5	Ci.	Cu.
7..	N	N	S	W	Calm	N	26.8	41.2	45.9	21.2	135.1	4	Ci.	Cu.	7	Ci.-S.	Cu.-N. NE
8..	N	N	S	W	NNE	N	18	38.3	65.4	17.5	139.2	6	Ci.	S.-Cu. NNW	5	Ci.	Cu.
9..	Calm	N	N	NW	N	Calm	12.9	41.5	65.5	10.5	130.4	4	Ci.	Cu.	7	Ci.-S.	Cu. NNW
10..	N	Calm	N	N	N	Calm	16.1	26.2	45.1	13.5	100.9	10	Ci.-S.	S.-Cu. N	9	Ci.-S.	S.-Cu. NNW
11..	Calm	Calm	NW	NNW	N	Calm	12.6	28.8	51.2	12.6	105.2	9	Ci.-S.	S.-Cu. N	7	Ci.-S.	Cu. NNW
12..	N	N	SW	N	N	Calm	24.3	38.4	54.2	15.3	132.2	4	Ci.	Cu.	8	Ci.-S.	Cu. NW
13..	N	Calm	NW	NW	NW	NW	14.8	48.8	55.7	26.9	146.2	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NW by N
14..	N	Calm	NW	WNW	WNW	W	16.6	54.5	84.2	68.6	223.9	9	Ci.-S.	S.-Cu. NW	9	Ci.-S.	S.-Cu. NW by W
15..	W	W	W	W	W	SW	151.6	198.7	208.2	129.8	688.3	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. W
16..	SSW	S	S	S	S	NW	149.4	182	173.8	73.2	578.4	9	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	S.-Cu. S
17..	N	N	S	S	S	SW	28	98.5	73.4	86.9	286.8	7	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-cf. S
18..	Calm	N	S	SSW	N	N	19.6	37.5	34.9	24.1	116.1	8	Ci.-S.	S.-Cu.	4	Ci.	Cu. SW
19..	N	N	S	S	W	W	24.1	32.2	79.9	65	201.2	6	Ci.-S.	S.-Cu.	5	Ci.	Cu. SW
20..	NNW	NNW	W	W	W	Calm	32.2	45.1	112	16.1	205.4	9	Ci.-S.	N. W	7	Ci.-S.	S.-Cu. WNW
21..	Calm	Calm	WNW	WNW	W	W	12.3	28.7	92.7	20.6	339.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. WNW
22..	SW	SW	SW	SW	SW	SW	202.7	169.1	111	78.7	561.5	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SW
23..	N	Calm	S	S	Calm	N	24.7	52.8	35.7	24.7	137.9	8	A.-Cu. S	S.-Cu.	7	Ci.-S.	S.-Cu. SW
24..	N	N	S	SW	N	N	30.4	39.4	63.8	26	159.6	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
25..	N	N	S	SW	N	Calm	28	45.4	53.1	24.6	151.1	0	Ci.	Cu.	2	.....	Cu.
26..	N	N	SSE	N	N	Calm	22.7	64.1	37.6	13.2	137.6	1	.....	Cu.	8	Ci.-S.	Cu.-N. ENE
27..	N	NNE	NE	NE	NE	Calm	23.9	38.3	60	23.1	145.3	10	Ci.-S.	N. E	7	Ci.-S.	S.-Cu. E
28..	N	N	NE	NE	N	Calm	23.9	44.1	72.2	26.4	166.6	2	Ci.	Cu.	8	Ci.-S.	S.-Cu. NE
29..	Calm	Calm	NNE	NNE	N	Calm	13.2	55.5	55.7	16.6	141	5	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu. NE
30..	Calm	Calm	S	SE	NE	N	26.8	36.2	45.7	23.9	132.6	4	Ci.	S.-Cu.	7	Ci.-S.	Cu. ENE
31..	N	Calm	NNE	NE	Calm	Calm	17.7	40.5	24.3	13.4	95.9	5	Ci.-S.	S.-Cu. ENE	8	Ci.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	65.1	78.2	87.9	61.7	292.9	7	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,079.5	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.92	60.13	60.31	57.79	58.71	60.41	59.54	22.6	22.2	29.9	31.7	26.4	24.8	26.3	32.2	22.2	97	97	65	60	81	93	82.2	.....
2..	59.18	59.48	59.77	58.01	58.40	60.09	59.16	23.6	24.1	29.4	27.8	26.5	24.3	26	31.1	22.8	96	97	71	80	80	94	86.3	1
3..	59.37	59.84	60.11	58.10	58.61	59.88	59.32	22.8	22.1	29.5	31.5	26.6	24.2	26.1	32.3	22	96	98	66	53	77	93	80.5	.....
4..	58.99	59.20	60.16	58.73	59	59.94	59.34	23.7	22.2	30.6	26.6	25	24.7	25.5	32.3	22.1	94	94	65	86	96	94	88.2	23.1
5..	59.07	59.48	60.24	58.08	59.05	60.42	59.39	24.5	24	30.2	29.1	26.6	24.7	26.5	32.1	23.6	96	97	74	80	88	94	88.2	1
6..	59.73	59.92	60.48	57.95	59.28	60.71	59.68	23.8	23.1	30.4	31.3	26.4	25.2	26.7	33	22.6	93	97	64	63	90	93	83.3	1.8
7..	59.73	60.11	60.44	58.84	59.11	60.82	59.84	24.3	24.2	30.8	28	26	24.3	26.3	32.7	24.1	96	97	69	83	89	93	87.8	9.7
8..	59.71	60.13	61.04	58.94	59.65	60.78	60.04	23.6	23.7	29.7	31.3	27	24.9	26.7	32.3	23	97	97	72	55	81	93	82.5	.....
9..	60.16	60.49	61.05	58.78	59.90	60.85	60.20	24.4	23.9	28.1	30.9	26.8	24.8	26.5	32.1	23.9	95	97	78	60	83	93	84.3	1.5
10..	60.47	60.77	61.36	58.87	59.85	60.95	60.38	23.7	24.2	28.8	27	25.5	24.9	25.7	32	23.3	96	94	77	86	92	93	89.7	14.2
11..	60.21	60.68	61.35	59.42	59.91	61.81	60.57	24.7	24.1	27.2	25.3	25.1	24	25.1	28.7	23.5	94	96	87	94	91	96	93	69.4
12..	60.24	60.11	60.56	58.67	59.67	60.91	60.03	23.3	23.2	29.7	25	24.1	24.7	25	30.1	22.9	97	97	75	95	94	94	92	10.9
13..	59.84	60.79	61.12	58.90	60.33	61.08	60.34	24.6	23.5	29.7	30.6	25	23.9	26.2	32.1	23.2	95	97	76	64	92	93	86.2	.8
14..	59.96	60.51	61.36	59.06	60.45	61.69	60.50	23.7	23.1	29.7	30.8	26.2	23.9	26.2	31.7	22.7	94	97	63	54	78	94	80	.....
15..	60.42	60.85	61.57	58.94	59.67	60.83	60.38	23.9	23.1	26.6	29.3	25.6	24	25.4	30	22.6	94	97	94	74	84	93	89.3	2.5
16..	59.88	59.97	60.73	59.21	59.69	60.83	60.05	23.7	23.7	27.6	25.5	24.7	24	24.9	30.3	23.4	92	91	81	89	91	94	89.7	12.3
17..	59.58	59.51	60.09	58.43	59.64	60.39	59.61	23.1	23.1	29.3	24.8	24.7	24	24.8	30	22.9	95	96	79	95	95	96	92.7	40.3
18..	59.96	60.09	60.82	58.65	59.65	60.79	59.99	23.8	23.1	26.7	29.7	25.2	22.2	25.1	30.2	22.1	96	96	85	58	83	93	85.2	4.8
19..	59.83	60.13	60.98	58.76	59.50	60.69	59.98	21.6	20.7	25.7	28.7	25.5	22.8	24.2	30.1	20.6	95	95	86	67	80	95	86.3	1.3
20..	60.15	61.08	61.55	59.18	59.90	60.96	60.47	22	21.7	29.5	31.5	25.5	24.1	25.7	31.8	21.7	96	96	69	60	84	92	82.8	.5
21..	59.88	60.62	61.35	58.91	59.81	60.72	60.22	23.2	22.6	26.2	27.3	24.2	23	24.4	29.1	22.4	95	96	87	81	95	95	91.5	20.1
22..	59.75	60.20	60.80	58.74	59.70	60.84	60	22.5	22.3	28.3	28.9	25.3	24	25.2	29.5	22.1	96	96	78	71	85	95	86.8	.....
23..	59.87	60.15	60.47	58.23	59.68	60.85	59.88	23.1	22.5	28.2	29	25.3	24.8	25.5	30.2	22.4	96	97	78	79	93	93	89.3	13.7
24..	59.98	60.48	60.90	58.45	59.62	60.86	60.05	23.9	23.1	29.5	31.3	26.5	25.4	26.6	32	23	96	96	69	58	84	91	82.3	.....
25..	59.91	60.43	61.05	58.55	59.15	60.81	59.98	24.7	24.1	28.3	29	26.4	24.7	26.2	29.9	23.7	94	95	79	76	78	90	85.3	.....
26..	59.78	60.01	60.71	58.41	59.25	60.80	59.83	23.9	22.9	28.6	30.2	25.8	24.8	26	31	22.8	95	97	77	68	91	93	86.8	6.1
27..	59.89	60.62	61.21	58.61	59.30	60.35	60	23.7	23.3	29.7	30	27.4	25	26.5	31.1	22.9	96	97	73	73	78	92	84.8	.....
28..	59.62	59.97	60.77	58.40	59.10	60.44	59.72	24.5	23.9	28.9	28.5	25.7	24.8	26	29.6	23.8	94	95	76	79	86	93	87.2	.....
29..	59.79	60.08	60.54	58.21	59.85	60.56	59.84	23.5	23.1	30	31.3	25.6	24.7	26.4	32.1	22.8	96	96	65	61	87	93	83	2.5
30..	59.76	59.83	60.57	58.59	59.92	61.27	59.99	23.9	23.7	28.4	30.5	26	23.6	26	30.9	22.8	96	95	80	63	82	95	85.2	2.8
Mean	59.82	60.19	60.78	58.61	59.51	60.74	59.94	23.6	23.2	28.8	29.1	25.8	24.3	25.8	31.1	22.8	95.3	96.1	75.3	72.2	86.3	93.4	86.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NNE	NNE	NNE	N	12.9	69.4	67.4	24.7	174.4	0	Ci.	Cu.	4	Ci.	Cu. NE
2..	N	N	NNE	NNE	NNE	N	26.6	43.7	53.4	29	152.7	7	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
3..	N	Calm	NNE	NE	NNE	N	21.7	63.4	71.1	20.9	177.1	3	Ci.	S.-Cu.	3	Ci.	Cu. NE
4..	Calm	Calm	NE	S	N	Calm	11.8	44.8	45.6	20.4	122.6	0	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
5..	N	Calm	NE	S	Calm	Calm	23.1	41.5	38.9	18.7	122.2	4	Ci.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
6..	Calm	N	ENE	NE	N	N	18.2	39.9	49.7	23.6	131.4	0	Ci.	S.-Cu.	7	Ci.	Cu. NE
7..	N	Calm	NE	S	N	Calm	21.1	51.3	51.2	14.2	137.8	3	Ci.	S.-Cu.	7	Ci.-S.	S.-Cu. NE
8..	N	N	NE	NE	N	Calm	17.2	56.3	72.9	18.8	165.2	3	Ci.	S.-Cu.	2	Ci.	Cu. NE
9..	N	Calm	NE	NE	NE	N	23.9	49.9	62.3	11.8	147.9	4	Ci.	S.-Cu.	7	Ci.-S.	Cu. NE
10..	N	N	NE	NE	N	N	17.9	51.5	49.4	24.1	142.9	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
11..	Calm	N	NE	NNE	Calm	N	12.9	25.7	22.8	27.6	89	9	Ci.-S.	N. NE	10	Ci.-S.	N. NE
12..	N	Calm	NE	NE	N	N	14.2	66.2	51.3	34.1	165.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. NE
13..	N	N	NNE	NE	N	N	18.2	51.2	51.2	24.3	144.9	6	A.-Cu.	S.-Cu. NE	6	Ci.-S.	Cu. NE
14..	N	N	NE	NE	N	Calm	19	56.3	70.3	24.1	169.7	3	Ci.	S.-Cu.	4	Ci.	Cu. NE
15..	Calm	N	NNE	NE	NNE	Calm	16.1	51.5	77.9	34.3	179.8	2	Ci.	Cu.	8	A.-Cu.	S.-Cu. NE
16..	N	Calm	NE	NE	Calm	N	29.2	46.9	33.6	15.6	125.3	6	.....	S.-Cu. NE	10	Ci.-S.	N. NE
17..	N	N	S	W	Calm	Calm	35.4	40.2	53.6	19.1	148.3	4	Ci.	S.-Cu. NE	10	Ci.-S.	N. WNW
18..	Calm	N	NNE	NNE	Calm	Calm	19.6	33.5	53.3	14.3	120.7	9	Ci.-S.	N. NNE	7	Ci.-S.	S.-Cu. NNE
19..	N	Calm	NE	NE	NNE	Calm	16.7	40.7	60.6	10.5	128.5	0	.....	Cu.	7	Ci.-S.	S.-Cu. NE
20..	N	Calm	NE	SW	N	N	15.1	35.6	45.6	25.2	121.5	2	Ci.	S.-Cu. NE	6	Ci.-S.	S.-Cu. NE
21..	Calm	N	S	NE	Calm	Calm	15.8	35.4	34.1	7.4	92.7	2	Ci.	S.-Cu.	8	Ci.-S.	N. NE
22..	Calm	N	S	N	N	N	17.2	38.3	45.4	23.1	124	4	Ci.	S.-Cu.	7	Ci.-S.	Cu.-N.
23..	Calm	Calm	S	SW	N	Calm	19.5	34.4	52.6	21.7	128.2	4	Ci.	Cu.	6	Ci.-S.	Cu.-N.
24..	N	Calm	NE	NE	N	N	16.6	38.3	42.8	24.1	121.8	4	Ci.	Cu.	6	Ci.	Cu. NE
25..	NE	NE	S	SW	N	N	10.8	36.5	51.5	28	126.8	8	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
26..	N	Calm	S	SW	N	Calm	23.1	40.8	43.7	16.4	124	0	Ci.	Cu.	6	Ci.	Cu.-N. NE
27..	N	N	NE	SW	N	Calm	16.3	36.2	53.4	16.4	122.3	4	Ci.	S.-Cu. NE	5	Ci.	Cu. NE
28..	Calm	Calm	S	W	N	Calm	15.1	33.6	58.1	19.5	126.3	6	.....	S.-Cu. NE	8	Ci.-S.	Cu.-N. NE
29..	Calm	Calm	NE	NE	N	N	12.6	48.9	60.7	27.2	149.4	3	Ci.	S.-Cu.	4	Ci.	Cu. NE
30..	Calm	N	NE	NE	N	Calm	12.6	46.4	54.5	17.2	130.7	4	Ci.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	18.3	44.9	52.6	21.2	137.1	4.1	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,113.9	.....	.....	.....	.....	.....	.....

CALBAYOG.

[ϕ=12° 04′ N; λ=124° 36′ E; barometer above sea, 3.6 meters; gravity correction not applied, —1.80 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.27	60.40	60.79	58.96	59.51	60.92	60.14	22.7	22.1	28.8	30.2	25.6	23.1	25.4	31	22.1	96	96	69	65	81	94	83.5	.....
2..	60.10	59.84	61	58.52	59.45	60.41	59.89	22.1	22.1	28.4	29.4	25.2	22.8	25	30.4	21.6	97	97	75	68	87	95	86.5	.....
3..	59.67	59.72	60.65	58.12	59.11	59.88	59.52	22.5	23.7	29.5	28	25.5	24.8	25.7	30.7	22.4	96	91	64	68	84	93	82.7	36.8
4..	58.79	60.01	60.37	58.52	59.15	60.17	59.50	24.7	23.6	26.1	27.2	25.8	24.8	25.4	30	23.6	94	97	91	87	92	93	92.3	40.2
5..	59.41	59.77	61.04	59.69	60.42	61.54	60.31	24.4	24.4	28.8	28.8	25.7	23.2	25.9	30	22.5	92	91	72	72	79	94	83.3	.8
6..	60.89	61.15	62.12	60.15	60.93	62.42	61.28	22.8	22.4	28.4	29.8	26	22.8	25.4	30.5	22.1	95	95	64	58	80	89	80.2	.....
7..	61.45	61.87	62.47	59.74	60.66	61.78	61.33	22.5	22.1	28.9	30.4	25.1	22.6	25.3	30.9	21.1	91	91	57	53	87	93	78.7	.....
8..	60.89	61.13	62.16	59.97	60.85	62.17	61.20	20.1	19.8	27.7	28.4	24.9	21.2	23.7	29.9	19.7	94	95	68	62	76	89	80.7	.....
9..	60.69	60.70	61.15	58.86	60.37	61.66	60.57	21.6	21.5	29	29.9	25.6	22.2	25	31	20.8	91	91	61	58	75	93	78.2	.....
10..	60.38	61.04	61.11	58.85	59.45	60.24	60.18	21.7	20.4	29.1	30.5	26.2	22.6	25.1	30.8	20.3	94	93	60	58	73	93	78.5	.3
11..	59.74	60.01	59.96	57.88	59.65	60.04	59.55	22.1	23.3	28.8	29	26.1	24.8	25.7	31.2	21.9	96	95	73	76	82	87	84.8	.5
12..	58.86	59.08	59.70	58.02	59.37	59.72	59.12	22.8	24	25.7	28.1	23.8	24	24.7	28.6	22.7	95	91	91	78	89	89	88.8	.3
13..	58.88	59.13	59.29	57.65	59.47	59.97	59.06	24	23.9	28.9	29.4	26	24.2	26.1	30.9	23	91	94	74	71	85	91	84.3	2.3
14..	59.74	59.91	60.42	58.31	59.28	60.79	59.74	22.6	23.6	29.1	29.2	26.1	24.3	25.8	32.1	22.5	95	95	71	74	83	92	85	.....
15..	60.03	60.32	61	59.39	60.28	61.06	60.35	23.9	22.4	28.8	30.7	26.3	23.9	26	31.9	22.4	94	95	70	57	76	92	80.7	.....
16..	60.44	60.44	61.09	59.67	60.42	61.19	60.54	22.8	21.1	29	28.6	26	24.9	25.4	31.5	21.1	96	95	64	64	85	92	82.7	3.1
17..	60.66	60.97	61.59	59.62	60.49	61.57	60.82	23.8	23.8	28.5	26.1	23.8	23.6	24.9	29.1	23	96	97	72	94	97	95	91.8	34.1
18..	60.89	61.62	62.42	59.89	60.82	62.02	61.28	22.9	22.8	27.4	29.5	24.4	21.8	24.8	29.8	21.6	96	96	75	60	87	95	84.8	1
19..	60.97	61.23	61.92	60.27	61.33	62.04	61.29	21.9	22.5	26.9	25.2	24.7	23.9	24.2	29.3	21.7	95	88	88	88	92	94	90.8	11.1
20..	61.23	61.63	61.86	59.51	60.48	61.19	60.98	22.2	22.6	26.2	26.4	25	24.2	24.4	28.6	22.1	96	96	84	82	90	91	89.8	3
21..	60.32	60.56	60.84	58.75	59.31	60.39	60.03	23.7	23.5	29.2	28.4	25.6	23.2	25.6	29.8	23.1	94	92	66	69	79	94	82.3	.....
22..	59.32	59.19	60.23	58.13	58.56	59.23	59.11	22	21.6	26.6	27.2	23.9	23.8	24.2	28.3	21.3	96	96	81	80	91	91	89.2	1.5
23..	57.76	57.82	59.05	57.17	57.98	58.77	58.09	23.4	23.1	26.6	26.9	25.3	24.2	24.9	27.3	22.7	93	94	75	73	83	91	84.8	.3
24..	57.49	57.21	57.83	55.74	55.51	55.15	56.49	24.2	24.1	25.5	24.4	24.2	24.1	24.4	26.8	23.4	91	91	85	93	95	94	91.5	59.9
25..	51.81	49.05	48.14	49.91	53.53	55.66	51.35	23.9	24	23.2	24	24.8	24.1	24	25	23	94	97	97	97	93	95	95.5	71.8
26..	56.18	57.70	58.62	57.05	58.31	59.57	57.90	24	24.2	27.4	25.5	23.1	23.1	24.6	28.6	22.6	95	92	77	91	97	96	91.3	64.3
27..	58.71	59.45	60.21	58.31	59.23	60.79	59.45	21.9	21.1	26.2	27.4	25.1	23.3	24.2	27.8	21	96	98	83	84	89	94	90.7	1
28..	59.84	60.26	61.53	58.87	59.77	60.52	60.13	21.1	21	25.9	25.7	24	24.1	23.6	27.1	20.8	97	97	86	87	97	96	93.3	23.4
29..	59.88	60.49	61.38	59.14	59.73	61.04	60.28	23.9	23.5	26.9	27.9	26.2	24.7	25.5	28.7	23.4	95	96	83	72	85	92	87.2	.....
30..	60.61	60.98	61.60	59.10	60.41	61.86	60.76	22.8	21.6	28	29.7	25.2	22.9	25	30.7	21.5	95	96	72	64	87	96	85	.....
31..	60.85	61.49	62.21	59.88	60.68	61.97	61.18	20.8	19.9	28.2	27.6	24.4	23.9	24.1	29.2	19.7	96	97	69	76	89	92	86.5	2.1
Mean	59.57	59.81	60.44	58.50	59.50	60.51	59.72	22.8	22.6	27.7	28	25.1	23.6	25	29.6	22	94.6	94.4	74.7	73.5	86	92.7	86	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	Calm	N	N	N	Calm	13.2	47.3	61.8	14.2	136.5	6	Ci.-S.	S.-Cu. NE	8	Ci.-S.	S.-Cu. NE
2..	N	N	NE	NNE	Calm	Calm	12.6	37.2	42.6	5.4	97.8	7	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. NE
3..	Calm	N	NNE	N	N	N	22.8	63.1	77.7	41.5	205.1	5	Ci.	S.-Cu. NNE	7	Ci.-S.	S.-Cu. NNE
4..	N	N	NNE	N	N	Calm	30.6	45.7	45.7	15.6	137.6	10	.....	N.	9	Ci.-S.	S.-Cu. NNE
5..	Calm	NE	NE	NE	NE	Calm	14.3	77.2	81.3	17.5	190.3	9	Ci.-S.	N. NE	6	Ci.	S.-Cu. NE
6..	N	N	NE	N	N	Calm	11.9	60.7	71.3	34.1	178	4	Ci.	S.-Cu.	5	Ci.	Cu. NE
7..	N	N	NNE	N	N	Calm	45.1	60.6	70	24.7	200.4	2	Ci.	S.-Cu.	3	Ci.	Cu. NE
8..	Calm	Calm	N	N	N	N	13.2	36.2	65.8	19.9	135.1	1	.....	S.-Cu.	4	Ci.	Cu. NE
9..	N	Calm	NNE	NNE	N	N	24.1	51.7	67.8	18.3	161.9	5	Ci.	S.-Cu.	5	Ci.	Cu. NE
10..	Calm	Calm	NE	NNE	N	N	26.9	58.1	79.9	17.1	182	4	Ci.	S.-Cu.	5	Ci.	Cu. NE
11..	N	Calm	NNE	NE	N	Calm	15	43.1	54.5	19.9	132.5	10	Ci.-S.	N. NE	8	Ci.-S.	S.-Cu.
12..	Calm	N	Calm	NNE	N	N	9.9	18.2	38.6	29.8	96.5	10	Ci.-S.	S.-Cu. NNE	10	Ci.-S.	S.-Cu. NE
13..	NE	NNE	NE	ENE	Calm	N	25.4	50.7	43.1	22.5	141.7	8	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	S.-Cu. E
14..	Calm	NNE	ENE	ENE	NE	Calm	24.7	48.5	47	20.3	140.5	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. E
15..	NE	Calm	NNE	NE	NNE	N	22	49.3	72.4	28.7	172.4	2	Ci.	S.-Cu.	3	.....	Cu. NE
16..	NNE	Calm	NE	NE	N	N	21.5	54.4	47.2	20.7	143.8	3	Ci.	S.-Cu.	7	Ci.-S.	S.-Cu. ENE
17..	N	Calm	SE	NW	Calm	N	17.7	27.6	44.9	22.8	113	9	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N.
18..	N	N	NE	NE	N	N	31.2	49.9	48	18.2	147.3	7	Ci.-S.	S.-Cu. NE	7	Ci.-S.	S.-Cu. NE
19..	Calm	Calm	Calm	NNE	Calm	Calm	17.2	33.5	27.4	6.4	84.5	9	Ci.-S.	S.-Cu. NE	9	Ci.-S.	N. NE
20..	N	Calm	NE	NE	Calm	Calm	12.9	24.4	46.2	20.3	103.8	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu. ENE
21..	N	N	NE	NE	Calm	N	18.3	66.2	53.1	13.7	151.3	9	Ci.-S.	S.-Cu. ENE	7	Ci.-S.	S.-Cu. ENE
22..	Calm	Calm	NNE	NNE	N	Calm	15.6	25.2	42.4	28.2	111.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NNE
23..	N	N	NNW	WNW	WNW	WNW	18.8	52.9	70.3	37.5	179.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu. NW
24..	WNW	WNW	WNW	WNW	W	W	63	87.2	105.6	158.3	414.1	10	Ci.-S.	N. NW	10	Ci.-S.	N. WNW
25..	W	WSW	SW	S	SSE	SE	318.4	531	394.2	127.9	1,371.5	10	Ci.-S.	N. WSW	10	Ci.-S.	N. SSW
26..	SSE	SSE	SE	SE	SE	Calm	50.9	30.3	49.6	34	164.8	9	A.-Cu.	S.-Cu. SE	9	Ci.-S.	N. SE
27..	Calm	N	SE	Calm	N	Calm	21.2	32.5	30.3	14.3	98.3	3	Ci.	S.-Cu.	7	Ci.-S.	S.-Cu. ESE
28..	Calm	Calm	S	SW	Calm	Calm	11.9	38.3	48.5	8.9	107.6	0	.....	S.-Cu.	10	Ci.-S.	N.
29..	Calm	E	S	SSW	Calm	Calm	18.5	48	35.9	12.4	114.8	9	Ci.-S.	S.-Cu. ESE	5	Ci.	Cu. ESE
30..	N	N	NE	NNE	N	Calm	22	41.3	46.7	10.5	120.5	2	Ci.	S.-Cu.	6	.....	Cu. NE
31..	N	Calm	NE	NE	N	N	20.1	35.9	52.3	18.5	126.8	4	Ci. NNE	S.-Cu.	5	Ci.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	32	62.1	66.5	28.5	189.1	6.6	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,861.3	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.48	59.26	60.24	58.89	59.33	60.25	59.58	23.5	24	26.2	24.1	24	23.6	24.2	27.5	23	92	90	81	94	94	94	90.8	33.6
2..	59.68	60.32	61.44	59.33	59.80	60.62	60.20	23.2	23.1	24.6	26.7	25.2	25	24.6	27.3	22.7	96	96	91	79	88	88	89.7	5.3
3..	60.03	60.12	61.45	59.30	59.60	60.84	60.22	23.8	24.2	24.6	24.8	24	23.8	24.2	25.3	23.1	93	91	90	87	89	90	90	66.5
4..	60.19	60.64	61.55	60.25	60.26	61.91	60.80	23.7	22.7	24	23.7	23.3	22.6	23.3	24	22	90	96	91	92	95	91	92.5	55.6
5..	61	60.99	62.16	59.83	59.93	61.17	60.85	23.6	23	23.1	25.2	25	24.1	24	25.3	22.6	85	84	82	76	72	74	78.8	1
6..	60.22	60.64	61.70	59.69	60.04	61.19	60.58	23.9	24.3	25.1	25.8	24.8	24.1	24.7	26	23.5	75	73	73	70	75	80	74.3	1.3
7..	59.84	60.02	61.15	59.60	60.71	62.29	60.60	23.8	23	25.2	24.5	22.1	23.1	23.6	25.3	21.7	78	83	76	79	92	80	81.3	6.6
8..	62.08	62.28	63.02	61.67	61.63	63.24	62.32	23.3	23	23.8	22.3	22.6	23	23	25.3	21.7	79	76	77	87	82	72	78.8	2.5
9..	62.03	62.26	63.15	61.32	61.59	62.49	62.14	22.4	22.2	23.8	24.4	23.1	22.6	23.1	25.1	21.1	71	70	70	71	74	78	72.3	.....
10..	61.06	61.24	62.28	60.78	60.79	61.37	61.25	22.5	21.4	24.8	24.5	23.9	23.3	23.4	25.8	21.3	78	86	73	76	79	83	79.2	6.1
11..	60.98	61.29	62.43	60.37	60.34	61.49	61.15	22.5	22.9	24	24.3	24.5	23.8	23.7	25.8	22.1	88	87	91	92	86	89	88.8	12.2
12..	60.49	60.47	61.58	59.42	59.30	60.44	60.28	23.8	23.7	26.4	27	23.8	24	24.8	27.9	23	89	89	74	78	91	90	85.2	31.3
13..	59.69	59.78	61.19	59.02	59.40	60.08	59.86	23.3	23.8	23.7	23.4	24.5	24.4	23.8	24.9	22.1	93	90	90	91	87	86	89.5	20.6
14..	59.63	59.89	60.92	59.13	59.37	61.23	60.03	22.9	24.4	25.6	26.1	25.5	23.7	24.7	26.8	22.7	95	95	87	85	84	93	88.2	22.3
15..	60.30	60.89	62.14	60.78	60.78	62.22	61.18	23.3	23.2	24.3	24.5	24.2	23.6	23.8	25.4	22.7	95	95	86	86	85	82	88.2	.....
16..	61.35	61.30	61.72	59.72	59.97	61.34	60.90	23.4	23.3	24.5	25.5	24	22.9	23.9	25.8	22.5	82	82	78	74	81	89	81	.3
17..	60.88	60.16	60.88	59.33	59.34	60.34	60.16	22.8	23.4	25.9	26.4	24.3	23.2	24.3	26.8	22.4	88	84	72	71	80	88	80.5	4
18..	59.37	59.45	60.43	58.53	58.90	59.99	59.44	22.8	23	25	26	24.3	24	24.2	26.3	22.4	89	91	86	82	90	91	88.2	6.8
19..	59.11	59.01	59.95	58.09	58.92	60.25	59.22	23.6	23.7	24.3	24.8	24	23.9	24	25.4	23	92	92	95	96	96	96	94.5	36.4
20..	59.79	59.52	60.92	59.28	59.29	60.34	59.86	22.7	23.4	25	24.4	24.1	24.3	24	27.5	22.3	97	93	84	83	85	86	88	2
21..	60.05	60.19	61.57	59.73	59.67	60.92	60.36	23.7	23.2	24.5	26	23.6	23.5	24.1	26.1	22.9	84	85	78	72	81	80	80	.....
22..	60.26	60.01	61.69	59.77	60.42	62.26	60.74	23.1	23	24.5	26	23.8	23.2	23.9	26.3	22.2	82	82	75	67	72	74	75.3	.....
23..	60.43	59.61	60.98	58.67	58.70	60.10	59.75	22.6	22.7	25.5	26.1	24	23.3	24	26.4	22.1	77	77	71	71	83	87	77.7	.....
24..	59.21	59.33	59.73	57.58	58.10	59.41	58.89	22.9	22.7	25.2	25.8	23.5	23	23.8	26.4	22.1	85	86	78	75	89	91	84	.....
25..	57.97	58.58	59.84	57.97	58.65	59.84	58.81	23	23.2	23.5	23.8	22.9	23.4	23.3	24.4	21.9	91	91	85	85	82	73	84.5	1.3
26..	58.97	59.09	60.48	59.30	59.30	60.11	59.54	23.2	22.5	23.3	24	22.9	22.5	23.1	24.5	21.8	84	87	84	83	88	90	86	1.8
27..	59.26	59.19	59.98	58.35	58.26	59.71	59.12	22.3	22.4	22.7	23.4	22.5	22.9	22.7	24.1	21.8	90	90	91	87	90	87	89.2	.....
28..	59.33	59.26	60.04	58.04	58.10	59.45	59.04	22.6	23.5	24.8	25.3	24	23.4	23.9	25.8	21.9	86	86	78	76	77	79	80.3	.....
29..	58.96	58.78	60.49	58.50	59.01	59.91	59.28	23.5	23.6	24.6	25	23	22.9	23.8	25.5	22.3	74	74	75	75	88	88	79	.....
30..	58.75	58.81	59.51	57.91	58.44	59.92	58.89	23	23.7	26	24.3	23	22.9	23.8	27.7	22.2	90	85	78	92	93	93	88.5	24.5
31..	59.42	59.60	61.21	59.31	59.43	60.86	59.97	22.9	22.6	22.8	23.8	22.8	22.6	22.9	24.2	22	93	95	95	93	91	92	93.2	47.5
Mean	59.99	60.06	61.16	59.34	59.59	60.83	60.16	23.2	23.2	24.6	24.9	23.8	23.4	23.8	25.8	22.3	86.5	86.2	81.8	81.5	85.1	85.6	84.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	389.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NNE	NE	NE	N	NE	84	88.5	85.5	58.2	316.2	9	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
2..	NE	NE	NE	NNE	NE	NE	37.5	58.5	91.4	76.6	264	10	Ci.-S.	N. NE	9	Ci.-S.	Cu.-N. ENE
3..	N	NE	NNE	NNE	N	N	75.8	88.5	106.4	97.2	367.9	10	Ci.-S.	N. ENE	9	Ci.-S.	Fr.-N. ENE
4..	N	NE	N	NE	NE	N	53.9	79.1	95	115.6	343.6	10	Ci.-S.	N.	10	Ci.-S.	N. NE
5..	NE	NE	NE	NNE	NNE	N	111	113.7	114.5	121.2	460.4	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NE
6..	NE	NE	NE	NNE	N	NE	115.1	118.6	132.6	123.9	490.2	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
7..	N	NE	NE	NNE	NE	N	93	108.8	111.8	128.9	442.5	10	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NE
8..	NE	N	NE	NE	NE	N	133.9	127.9	127.4	152.1	541.3	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
9..	NE	NE	NE	NNE	NE	N	165.7	157.9	152.7	151	627.3	6	Ci.-S.	Cu. NE	8	A.-Cu. ENE	Cu.-N. NE
10..	N	N	NNE	NNE	N	N	122.6	129.7	95	99	446.3	6	Ci.-S.	Cu. NNE	9	Ci.-S.	Cu.-N. ENE
11..	NE	NNE	NNE	NE	NE	NE	77.2	79.7	85.5	85.8	328.2	10	Ci.-S.	N. ENE	10	Ci.-S.	N. ENE
12..	N	NNE	NE	NE	N	N	70.5	80.8	81.1	67.9	300.3	9	Ci.-S.	Fr.-N. ENE	8	Ci.-S.	N. ENE
13..	N	NNE	NE	Calm	NE	N	61.2	74.3	36.8	66.5	238.8	10	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. E
14..	N	N	NNE	NNE	NE	N	76.7	88.5	107.8	109.2	382.2	8	Ci.-S.	N. NE	9	Ci.-S.	Fr.-N. NE
15..	N	NNE	N	NNE	NE	NE	131.5	145.8	145.3	135.5	558.1	9	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. ENE
16..	NE	NNE	NE	N	N	N	136	146.6	138.2	124.7	545.5	10	Ci.-S.	N. NE	5	A.-Cu. E	Cu.-N. NE
17..	N	N	NE	N	NE	N	107.6	126	119.7	131.8	485.1	6	Ci.	Cu. NE	7	Ci.-S.	Cu.-N. NE
18..	N	N	NNE	NE	N	NE	107.2	79.1	84.7	79.1	350.1	10	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. NE
19..	N	NE	NNE	NE	NE	N	69.4	72.9	58.4	63.6	264.3	10	Ci.-S.	N.	10	Ci.-S.	N. NE
20..	N	N	N	NNE	NNE	N	66.5	108.1	120.7	110.4	405.7	8	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
21..	NE	NNE	NNE	NNE	N	NE	143.8	143.2	136.8	142.2	568	7	Ci.-S.	Cu. NNE	7	Ci.-S.	Cu.-N. NE
22..	NE	NNE	ENE	NNE	NE	N	148.4	161.5	139.8	119.1	568.8	10	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. NE
23..	NE	NNE	N	N	NNE	N	123.4	130.9	137.8	135.4	527.5	10	Ci.-S.	N. NE	6	Ci.-S.	Fr.-Cu. NE
24..	NE	NNE	N	NNE	NE	N	137.1	135.5	146.4	128.7	547.7	9	Ci.-S.	Fr.-Cu. NE	9	Ci.-S.	Cu.-N. NE
25..	N	NNE	NE	NNE	NNE	N	133.8	161.4	190.9	188.1	674.2	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
26..	NE	NNE	NNE	N	NNE	N	171.4	177.6	162	143.8	654.8	10	Ci.-S.	Fr.-N. NNE	9	Ci.-S.	Fr.-N. NE
27..	N	NNE	N	N	NE	N	136.8	147.8	142.1	131.7	558.4	10	Ci.-S.	N. NNE	10	Ci.-S.	Fr.-N. NE
28..	N	N	NNE	N	NE	N	115.4	137.6	143.8	129.7	526.5	10	Ci.-S.	N. NE	7	Ci.-S.	Cu.-N. NE
29..	N	N	NNE	N	NNE	N	119.7	119.6	115.6	103.8	458.2	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. NE
30..	N	N	NNE	NE	NE	N	104.1	114.3	106.7	85.8	410.9	8	Ci.-S.	Cu. NE	10	Ci.-S.	N. NE
31..	NE	NE	N	NNE	NE	N	85.9	77.7	84.8	82.4	330.8	10	Ci.-S.	N.	10	Ci.-S.	N. NE
Mean	.....	.....	.....	.....	.....	.....	107	115.5	116	112.5	451	9.2	.....	.....	9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13,981.8	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.96	60.64	61.65	60.04	60.22	61.46	60.66	22.7	22.8	24.5	25	24.5	22.7	23.7	25.3	22.3	90	91	85	85	82	89	87	14.5
2..	60.73	60.69	61.77	59.66	59.73	60.57	60.52	22.6	24.1	25.3	26.5	24.8	24.6	24.6	26.9	22.4	90	84	81	76	87	87	84.2	26.2
3..	59.93	59.89	60.87	58.60	59.15	59.87	59.72	23.4	23.2	25.1	27	23	24.5	24.4	27.4	22.6	95	96	89	83	95	91	91.5	29.7
4..	59.20	59.31	60.31	57.98	57.80	59	58.93	24.7	24.6	26	27.8	26.3	24.4	25.6	28.5	23.1	91	91	90	82	86	87	87.8	.....
5..	58.04	58.73	59.73	57.40	57.59	58.44	58.32	22.1	21.9	27.3	29.3	27.3	25.4	25.6	29.4	21.6	97	97	81	75	84	84	86.3	.....
6..	57.64	58.43	59.14	56.88	57.22	58.19	57.92	22.7	22	27.6	28.3	27	24.5	25.4	30.2	21.3	89	88	79	76	83	87	83.7	.....
7..	58.01	58.21	59.29	57.77	58.44	59.84	58.59	24.2	24	27	27.5	24.8	23.6	25.2	27.6	23.4	87	87	69	67	72	76	76.3	.8
8..	59.64	59.76	60.59	59.03	59.46	60.82	59.88	23.4	23	26.8	27.5	24.5	23.6	24.8	27.8	22.8	76	78	60	59	78	80	71.8	.....
9..	60.17	60.42	61.74	59.76	60.62	61.40	60.68	23.3	23.5	26.6	27.1	25.5	25.2	25.2	28	23	82	81	71	70	79	77	76.7	.....
10..	60.62	60.49	60.55	59.74	60.64	60.89	60.49	24.8	24.3	25.2	23.8	23.7	23.4	24.2	25.4	23.1	79	83	81	91	91	92	86.2	12.2
11..	59.79	59.90	61.89	58.85	58.94	60.20	59.93	23.2	24	24.4	24.8	25.1	24.6	24.4	25.4	23	90	86	88	87	82	90	87.2	13.2
12..	59.40	59.20	60.95	59.10	59.49	60.67	59.80	25.1	25.3	24.4	24.8	24.7	24.5	24.8	25.5	23.7	88	88	93	87	87	88	88.5	41.9
13..	59.95	60.19	60.04	58.95	59.16	59.94	59.70	25	24.5	24.8	25	24.8	24.1	24.7	25.3	23.6	87	89	88	88	85	88	87.5	9.7
14..	59.35	59.42	60.35	58.45	58.13	59.78	59.25	23.9	24.4	26.2	26.5	24.8	24.1	25	26.8	23	89	84	81	83	92	89	86.3	12.7
15..	59.43	59.69	60.54	58	58.52	60.57	59.46	23.5	23.9	26.7	28.8	26.5	25.8	25.9	28.8	22.9	91	90	83	76	82	85	84.5	.....
16..	59.70	60.47	62.09	59.86	60.12	61.71	60.66	24.7	24.6	27.8	29.3	25.8	24.5	26.1	29.8	23.5	87	87	75	72	88	88	82.8	8.6
17..	60.94	61.35	62.73	60.65	61	62.21	61.48	24.1	24	25.7	24.1	23.5	23.3	24.1	26.1	22.5	91	91	84	91	88	84	88.2	13.7
18..	61.34	61.29	62.45	60.58	61.05	62.93	61.61	22.3	21.9	23.3	23.1	22.1	22	22.4	25.1	21.3	89	90	83	86	88	87	87.2	1.6
19..	61.89	61.71	63.38	61.45	61.59	62.99	62.17	21.9	21.8	23.2	23.5	22.5	22.1	22.5	24.3	21	85	84	77	76	77	79	79.7	.....
20..	62.13	62.35	63.59	61.46	61.40	62.59	62.25	21.3	21	24.8	25.1	22.8	22.1	22.8	26.3	20.5	84	85	68	67	80	82	77.7	.....
21..	61.96	62.29	64.02	61.48	61.07	62.60	62.22	22.6	21.9	25.5	26.5	24.3	22.7	23.9	27.1	21.4	79	83	64	62	73	78	73.2	.5
22..	61.85	62.24	63.80	61.37	61.62	63.01	62.32	20	19.8	23	25	24.4	23.6	22.6	26.1	19	96	93	86	74	68	70	81.2	11.2
23..	62.51	62.53	63.52	61.74	62.12	63.69	62.68	22.7	23	25.3	26.5	24.3	23.6	24.2	26.9	21.9	76	79	63	59	64	68	68.2	.....
24..	62.45	62.91	64.18	62.10	62.19	63.27	62.85	22.4	22.3	25	27.2	25	24	24.3	27.2	21.4	75	76	73	68	80	84	76	1.8
25..	62.22	62.07	62.97	61.58	62.15	63.02	62.34	23.8	23.6	24.5	23.5	24	23.2	23.8	24.7	22.7	85	90	90	96	92	93	91	49.3
26..	62.03	61.70	62.77	60.97	61.31	62.07	61.81	24	23.6	25.3	26.9	25	24	24.8	28.4	23.1	91	92	84	76	83	88	85.7	6.1
27..	61.83	62.02	63.18	61.83	61.66	62.47	62.16	23.9	23.4	26.8	25.6	24.2	23.6	24.6	28.8	22.9	86	88	75	87	90	94	86.7	2.1
28..	61.94	61.80	62.53	60.65	60.73	62.27	61.65	23.9	23.6	26.5	28.8	25.7	24.4	25.5	28.9	23	91	90	73	61	73	82	78.3	.....
Mean	60.52	60.70	61.81	59.85	60.11	61.30	60.72	23.3	23.2	25.5	26.2	24.7	23.9	24.5	27.1	22.4	87	87.2	79.1	77.1	82.5	84.5	82.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	255.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NNE	NE	NE	NNE	N	98	113	127.3	116.2	454.5	10	Ci.-S.	N. NE	10	Ci.-S.	Fr.-N. ENE
2..	N	NE	ENE	NE	NE	NNE	104.6	125.2	108.1	87.4	425.3	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
3..	NE	NE	N	NE	E	N	79.4	76.6	68.7	32	256.7	10	Ci.-S.	N. NE	8	Ci.-S.	Cu.-N. ENE
4..	N	N	N	NE	NE	N	28.8	47	63	32.5	171.3	8	Ci.-S.	Cu. E	7	A.-Cu. ENE	Cu.-N. NE
5..	Calm	Calm	NE	ENE	NE	ENE	9.4	23	47	23.8	103.2	7	A.-Cu. S	Cu.	3	Ci.	Cu. ENE
6..	Calm	NE	NE	ENE	N	NE	13.5	29	46.2	46.7	135.4	1	Ci.	Cu.	6	Ci.-S.	Cu.-N. W
7..	N	NNE	NE	NNE	NE	N	76.1	114.8	126.1	111	428	1	Ci.	Fr.-Cu. NNE	7	Ci.	Fr.-Cu. NE
8..	N	NNE	N	NNE	N	NE	103.8	107.3	131	82.6	424.7	5	Ci.-S.	Cu. NE	6	Ci. NE	Cu. N
9..	N	NE	NE	NNE	NE	N	72.7	92.8	122.8	124.7	413	7	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. ENE
10..	N	NNE	NNE	NE	NE	NE	110.2	116.7	105.6	103	435.5	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
11..	NNE	N	NNE	NE	NE	N	140	107.6	106.2	124.1	477.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
12..	NE	NE	ENE	NE	NE	NE	128.2	124.4	134.2	130.2	517	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
13..	NE	NE	NE	NE	NE	NE	95.8	103.6	95.3	77.2	371.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	N. NE
14..	N	NNE	NNE	NE	NE	NE	69.7	78.6	60.4	30	238.7	8	Ci.-S.	N. ENE	6	Ci.-S.	Cu.-N. ENE
15..	Calm	NE	NE	ENE	NE	NE	27.7	52.6	65.4	57.4	203.1	8	Ci.-S.	Cu. ENE	4	A.-Cu. ESE	Cu.
16..	NE	NNE	NE	NNE	NE	N	78.7	75.8	104	101.2	359.7	1	Ci.	Cu.	4	Ci.	Cu. NE
17..	NE	NNE	NE	NNE	NNE	N	115.6	109.6	133.8	133.6	492.6	2	Ci.	Fr.-Cu. NE	10	Ci.-S.	N. NE
18..	N	N	N	N	NNE	N	142.9	142.1	140.5	153.1	578.6	9	Ci.-S.	Fr.-N. NNE	10	Ci.-S.	Fr.-N. NNE
19..	N	NNE	NE	ENE	NNE	N	143.4	149.2	150.7	136.5	579.8	9	Ci.-S.	Fr.-N. NNE	8	Ci.-S.	Fr.-N. NE
20..	N	N	NNE	NNE	NE	N	121	110.7	103	86.6	421.3	8	Ci.-S.	N. NE	10	Ci.-S.	Cu.-N. NE
21..	N	NNE	N	NNE	N	N	66	79.2	94.6	60.7	300.5	8	A.-Cu. NNE	Cu. NE	7	Ci.-S.	Cu. NE
22..	Calm	Calm	N	NNE	N	N	18	64.6	95.6	109.7	287.9	9	Ci.-S.	N. NE	7	Ci.-S.	Cu.-N. ENE
23..	N	NNE	NNE	NNE	N	N	99.3	144.6	131	112	486.9	10	Ci.-S.	Fr.-N. NE	4	Ci.	Fr.-Cu. NNE
24..	N	NNE	N	NE	NE	N	88.7	104.9	96.8	91.4	381.8	9	Ci.-S.	Fr.-N. NE	6	Ci.	Cu. ENE
25..	N	NNE	NNE	NNE	N	N	103.8	89.6	87.1	85.9	366.4	10	Ci.-S.	N. NE	10	Ci.-S.	N. N
26..	N	NNE	NE	NE	NE	N	74.8	93.3	94.6	108.4	371.1	9	Ci.-S.	Fr.-N. ENE	5	A.-Cu. NE	Cu.-N.
27..	NE	N	NE	NNE	NE	NE	98.5	88.2	78.3	57.7	322.7	2	Ci.	Cu.	10	Ci.-S.	N. NE
28..	N	NE	NNE	NE	N	N	57.1	77	109.2	76.2	319.5	9	Ci.-S.	Fr.-N. ENE	2	Ci.	Fr.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	84.5	94.3	100.9	89	368.7	7.5	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,325	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.10	60.90	61.87	60.40	60.90	62.24	61.24	22.1	19.1	25.5	25.6	25.1	23.7	23.5	26.1	18.7	72	83	80	81	80	80	79.3	0.3
2..	61.72	61.62	62.98	61.64	62.38	63.48	62.30	23.4	23.8	26	26.3	25.3	24	24.8	27	23	80	83	72	73	73	81	77	.....
3..	63.27	63.64	64.98	62.77	62.82	63.62	63.52	23.3	24.1	25.9	26.5	25.1	23.9	24.8	27.2	22.9	84	78	70	72	78	86	78	1.8
4..	63.19	63.07	63.48	61.53	61.78	62.34	62.56	23.5	23.7	26.5	28.3	26.3	25.5	25.6	29.5	23.2	87	86	75	67	74	78	77.8	.....
5..	61.87	61.90	62.99	61.08	60.98	62.59	61.90	24.7	24	25.8	24.1	24	23.7	24.4	25.8	23.2	81	85	76	87	87	91	84.5	10.4
6..	61.87	61.69	62.49	60.67	60.63	62.13	61.58	23.9	24.4	26.5	26.8	24.3	24.2	25	27.7	23.4	90	87	79	78	91	89	85.7	7.9
7..	61.03	60.99	62.13	60.06	60.23	61.19	60.94	24.3	24	25.8	27.8	23.8	23.6	24.9	28.3	22.9	89	88	80	70	89	90	84.3	9.6
8..	59.45	59.25	60.04	57.88	58.17	59.12	58.98	23.5	24	25.3	26	24.3	23.9	24.5	26.9	23	90	91	85	82	89	91	88	49.6
9..	57.75	57.16	58.39	56.60	57.58	58.79	57.71	24.2	24.3	25	26.5	25.1	23.3	24.7	27.8	22.7	90	92	83	80	84	93	87	1.3
10..	58.10	58.28	59.07	56.99	57.84	58.70	58.16	22.4	22	27.9	25.6	25.2	23.4	24.4	29.4	21.5	94	94	74	91	92	92	89.5	12
11..	58.11	58.67	59.73	57.26	57.80	59.25	58.47	23	22.9	27	28.8	24.8	24.3	25.1	29.8	22.8	94	94	75	74	89	85	85.2	7.6
12..	58.69	58.92	60.16	58.11	58.70	60.19	59.13	24.1	23.5	25.7	28.8	25.5	24.6	25.4	29.4	23	85	89	78	65	83	86	81	.8
13..	59.04	58.92	60.16	58.31	58.49	60.09	59.17	24.4	24.2	27	28.8	27	24.6	26	29.2	23.6	87	87	83	73	80	96	84.3	15.2
14..	59.64	59.87	60.57	58.37	58.19	59.47	59.35	23.6	22.8	26.8	29.2	27.4	23.8	25.6	29.6	22.6	94	95	80	72	76	93	85	.....
15..	58.79	59.26	60.48	58.70	59.42	60.88	59.59	22.5	22.1	27.8	28.5	24.4	23.1	24.7	30.3	21.8	96	96	75	73	92	93	87.5	51.9
16..	59.83	60.69	61.48	59.88	60.36	62.19	60.74	23.9	23.8	27.5	27.7	24.3	22.5	25	29.4	22.1	82	84	72	72	89	94	82.2	2.6
17..	61.04	61.62	62.84	61.08	62.09	63.49	62.03	23.1	23.2	26.2	27.2	24.8	23	24.6	28.5	22.3	91	92	73	73	82	88	83.2	.....
18..	62.64	62.70	63.66	62.18	62.50	63.24	62.82	23.2	23.3	27.3	27.5	23.5	24	24.8	27.9	22.6	84	82	67	68	81	80	77	.....
19..	62.18	62.38	63.12	61.28	61.13	61.98	62.01	23	22.9	27	28.8	26	24.5	25.4	28.9	22.3	84	84	63	56	70	79	72.7	.....
20..	60.88	60.92	61.86	60.01	59.73	61.05	60.74	23.7	22.8	27.5	29.2	26	24.4	25.6	29.3	22.4	81	82	62	58	72	74	71.5	.....
21..	59.78	60.45	60.82	58.86	59.04	60.09	59.84	23.6	22.9	27.9	29	26.2	24.8	25.7	29.3	22.6	79	83	59	60	72	79	72	.....
22..	59.53	60.03	60.88	59.25	59.93	61.44	60.18	22.1	20.3	27.4	27.6	26	24.6	24.7	28.8	20	87	93	68	69	72	72	76.8	.....
23..	60.35	60.34	61.02	59.23	59.06	59.78	59.96	23.3	23.6	28	28.3	26.4	23.8	25.6	29.3	23	80	80	62	62	70	81	72.5	.....
24..	59.02	59.16	60.18	58.14	58.23	59.83	59.09	22.9	23.4	28	29.1	27.1	25.9	26.1	30	22.4	87	84	70	70	76	83	78.3	.....
25..	59.31	59.41	60.76	58.59	58.57	60.07	59.45	25.7	25.4	29.3	30.5	27.4	26.2	27.4	30.8	25	83	84	72	72	84	90	80.8	.....
26..	59.52	59.74	60.87	59.44	59.32	61.02	59.98	25.9	25	29.1	30.4	27.8	26.1	27.4	30.8	24.8	85	90	77	72	80	85	81.5	.....
27..	60.54	60.43	61.98	59.65	59.96	61.38	60.66	25.7	24.9	29.3	30.6	26.8	26.1	27.2	30.6	24.5	84	87	64	58	77	79	74.8	.....
28..	60.38	60.31	61.67	59.45	59.11	60.58	60.25	25.8	25.6	26.4	28.5	26.5	26	26.5	28.7	24	81	81	79	73	79	80	78.8	5.1
29..	59.68	60.44	61.46	59.37	59.20	60.74	60.15	25.3	24.7	27.9	28.7	27	25.6	26.5	29.8	24.5	81	84	70	67	76	83	76.8	.....
30..	59.82	59.72	60.91	58.91	59.17	61.08	59.94	24.8	24.6	27.8	27.5	25.5	26	26	29.9	24.2	86	86	74	81	90	78	82.5	8.9
31..	60.28	60.32	60.63	59.08	59.59	60.84	60.14	24.9	24.6	26.2	27.7	26.8	25.6	26	29.5	23.5	85	87	83	80	80	86	83.5	22.9
Mean	60.27	60.41	61.41	59.51	59.77	61.06	60.41	23.9	23.5	27	27.9	25.7	24.5	25.4	28.9	22.9	85.6	86.8	73.5	71.9	80.9	85	80.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	207.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NE	NE	NE	N	43.8	80.2	87.7	93.6	305.3	1	Ci.	Cu.	10	Ci.-S.	N. NE
2..	N	NE	N	NNE	NE	N	97.6	111.3	125.7	120.2	454.8	7	Ci.-S.	Cu. NE	9	Ci.-S.	Cu.-N. NE
3..	NE	NNE	NE	NE	N	N	96	93.6	134.4	111	435	9	Ci.-S.	N. NE	10	Ci.-S.	Cu. NE
4..	N	NNE	NE	NE	NE	N	82.4	91.1	88.3	118.1	379.9	8	Ci.-S.	Cu. ENE	7	Ci. W	Cu. NE
5..	N	N	NE	N	N	NE	85.1	96	102.2	88.3	371.6	6	Ci.-S.	Cu. NE	10	Ci.-S.	N. NE
6..	N	N	NNE	N	NE	N	104	107.8	109.6	108	429.4	9	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	N. ENE
7..	N	N	NE	NE	NNE	N	91.1	98.8	106.2	85	381.1	1	Ci.	Cu.	7	Ci.-S.	Cu.-N. NE
8..	NE	NNE	NE	NE	NNE	NNE	99.3	88.3	104	141.8	433.4	9	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. NE
9..	NE	NE	N	ENE	SE	Calm	123.7	113.7	44.8	16.7	298.9	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. NE
10..	Calm	SW	SSW	WNW	SE	SW	15.9	58.1	63.4	50.9	188.3	3	A.-Cu.WSW	Cu.	10	Ci.-S.	Fr.-N. WNW
11..	SW	Calm	SE	NE	N	N	53.1	30	50.4	101.6	235.1	10	Ci.-S.	N. NNW	7	Ci.-S.	Cu.-N. NNW
12..	NE	NNE	NNE	NE	N	NE	68.7	44	87.2	82.9	282.8	8	Ci.-S.	N. NE	4	Ci.-S. NE	Cu.-N.
13..	NE	NE	ENE	NE	NE	NE	71.9	73	81.1	41.5	267.5	3	Ci.	Cu. ENE	6	A.-Cu. NE	Cu.-N. ENE
14..	Calm	Calm	NE	NE	NE	Calm	22.7	30.9	46.4	21.1	121.1	7	Ci.	Fr.-N. NE	6	A.-Cu. NE	Cu.-N. WNW
15..	NE	WNW	NE	NE	NE	NE	26.8	36.8	65.2	73.5	202.3	1	Ci.	Cu.	10	Ci.-S.	N. NE
16..	NE	NE	NE	NNE	NE	NE	64.9	53.7	76.7	71.3	266.6	1	A.-Cu.	Cu.	8	Ci.-S.	Cu.-N. ENE
17..	NE	NE	NE	NE	N	N	84	80.7	96.4	73.4	334.5	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Cu. NE
18..	N	NNE	N	NE	N	NE	71.9	76.1	87.5	66	301.5	2	Ci.	Cu. NE	10	Ci.-S.	Cu.-N. NE
19..	N	N	NE	NE	NE	N	47.7	68.7	77.4	69	262.8	1	.....	Cu.	1	Ci.	Cu. NE
20..	E	NNE	N	NNE	NE	N	77.5	83.1	69.2	67.4	297.2	1	Ci.	Cu.	2	.....	Cu. NE
21..	N	N	NE	NE	NE	NE	67	79.1	73.8	61.4	281.3	1	Ci.	Cu. ENE	2	.....	Cu. NE
22..	Calm	Calm	NE	NE	NE	N	14.3	67.6	90.1	92.8	264.8	0	.....	.....	10	Ci.-S.	Cu.-N. NE
23..	NE	NNE	NE	NE	NE	NE	76.2	74.5	89.9	46.1	286.7	0	.....	.....	5	A.-Cu. NE	Cu.
24..	NE	NNE	NE	NNE	NE	NE	26.2	47.8	68.2	48.9	191.1	1	Ci.	Cu. ENE	1	.....	Cu.
25..	NE	NE	NE	NE	NE	NE	42.3	50.4	69	60.2	221.9	3	.....	Cu. E	3	.....	Cu. NE
26..	NE	NE	NE	NE	NE	NE	37.5	45.7	83.4	70	236.6	1	.....	Cu. ENE	1	.....	Cu. NE
27..	NE	NE	NE	ENE	NE	NE	63.9	84.2	105.6	96.1	349.8	5	Ci. NE	Cu.	2	Ci.	Cu. NE
28..	NE	NE	NE	NE	NE	NE	98.2	76.7	87.1	89.9	351.9	4	Ci.	Cu. ENE	6	Ci.-S.	cu.-N. ENE
29..	NE	NE	N	NE	NE	NE	67.1	78.4	68.1	60.2	273.8	9	Ci.-S.	Cu. ENE	9	Ci.-S.	Cu. E
30..	NE	NE	NE	NE	NE	NE	63.9	81.1	65.7	72.1	282.8	2	Ci.	Cu. ENE	7	A.-Cu. ENE	Cu.-N. NE
31..	NE	NE	NE	NE	NE	NE	76.1	85.8	110	83.5	355.4	8	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	66.5	73.8	84.3	76.9	301.5	4.5	.....	.....	6.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,345.2	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.89	60.04	61.04	58.83	58.93	60.59	59.89	25.4	24.8	25.9	29	26.8	24.1	26	29.3	23.1	86	89	83	71	77	90	82.7	8.3
2..	59.52	59.37	60.06	58.10	58.66	59.54	59.21	24.8	24.9	28.6	28.8	25.2	25.7	26.3	29.3	23.4	87	88	70	73	86	83	81.2	7.1
3..	58.74	59.19	59.55	57.98	58.09	59.39	58.82	25.1	25	28.2	26.4	26.8	25.6	26.2	29.8	24.9	84	83	71	85	77	79	79.8	.....
4..	59.21	59.48	60.38	58.62	58.85	60.22	59.46	25	23.9	28.5	28.9	26.5	25.2	26.3	29.4	23.6	80	86	61	67	78	76	74.7	.....
5..	58.94	59.05	60.27	58.10	58.54	59.89	59.13	24.2	24.7	28.3	29.7	26.7	25	26.4	29.8	23.9	82	79	66	67	74	83	75.2	6.9
6..	58.55	58.48	59.21	57.21	57.58	59.19	58.37	24.8	24.4	28.4	29.8	27.5	25.7	26.8	30.3	23.8	83	84	80	76	79	85	81.2	8.6
7..	58.36	58.34	59.03	56.97	57.48	59	58.20	24.1	25	28.9	30.5	28	25.5	27	30.6	23.3	92	87	74	68	73	88	80.3	.....
8..	58.24	58.40	59.32	57.66	57.71	59.34	58.44	25.5	25.4	30	30.6	28	26.5	27.7	31.2	25.2	87	87	66	68	76	86	78.3	.....
9..	58.45	58.73	59.94	57.66	57.86	59.82	58.74	25.3	24.7	25.8	30.8	27.7	26.4	26.8	30.8	24.4	83	85	79	64	78	82	78.5	.....
10..	59.08	59	59.78	57.71	58.01	59.76	58.89	25.6	25.4	29.3	31	28	25.6	27.5	31.2	23.7	86	87	68	61	70	81	75.5	.....
11..	58.13	58	58.98	56.71	57.31	58.13	57.88	21.3	25.4	29.3	30.3	27	26.4	26.6	31.1	20.6	97	75	64	63	78	76	75.5	.....
12..	56.40	56.35	56.97	54.56	54.64	55.44	55.73	25.7	25.6	28.8	29.5	26.5	26.5	27.1	31.1	25.2	81	81	67	64	70	75	73	1.3
13..	54.38	54.49	56.10	54.98	55.66	57.34	55.49	25.1	24.9	26.8	26.6	25.8	23.8	25.5	27.8	23	83	85	82	82	78	89	83.2	.5
14..	56.95	57.21	57.74	56.17	56.79	58.34	57.20	23	22.9	28.5	30.1	27.2	25.5	26.2	31.4	22.5	90	89	63	65	83	88	79.7	3
15..	58.10	58.21	58.88	56.97	57.16	59.08	58.07	25.1	24.5	28.8	30	26.8	26.1	26.9	30.9	24	90	93	73	67	82	81	81	.3
16..	58.61	59.06	59.63	57.89	58.23	59.58	58.83	25.5	25.3	28.8	29.5	27	26	27	30.7	22.8	81	77	69	69	79	80	75.8	.....
17..	58.95	59.76	60.82	58.91	59.56	61.09	59.85	25.3	25.2	28.8	29.7	27	26	27	30.4	24.4	84	83	71	69	73	76	76	.....
18..	60.24	60.90	61.65	59.95	60.41	62.07	60.87	25.2	24.9	28.8	30.5	27.5	26	27.2	30.8	24.4	78	79	64	64	75	79	73.2	.....
19..	61.38	61.27	61.93	60.30	60.43	62.02	61.22	24.9	24.8	29	30.7	27.4	26	27.1	30.9	24.4	84	84	64	63	74	76	74.2	.....
20..	60.76	61.55	61.91	59.95	60.31	61.63	61.02	24.7	24.5	29.3	30.6	27.4	26.1	27.1	30.9	24.1	83	84	64	61	76	79	74.5	.....
21..	59.68	60.11	61.35	59.15	59.32	60.88	60.08	25.5	25.1	28.9	30.9	27.6	26.5	27.4	31.3	25	80	81	69	65	79	77	75.2	.....
22..	59.09	59.26	60.42	58.91	57.21	59.94	59.14	25.4	22.4	29.8	31.3	23	25.6	26.2	31.8	22	80	93	71	69	92	75	80	5.1
23..	59.29	59.36	60.83	59.22	59.72	61.64	60.01	25.8	25.9	28.8	30.1	28	26.4	27.5	30.8	24.9	83	84	76	75	83	88	81.5	3.3
24..	60.46	60.59	61.72	60.17	60.08	61.67	60.78	26.2	26.1	27.5	28.7	27.5	26.5	27.1	29.4	25.2	89	89	84	80	81	87	85	16.5
25..	60.98	60.94	61.62	60	59	60.29	60.61	25.8	25.6	28.8	29.8	26.5	25.9	27.1	30.2	24.5	91	91	79	75	86	87	84.8	7.9
26..	59.24	59.37	60.48	58.81	58.27	60.04	59.37	24.8	24.4	28.9	29.2	27.5	26.1	26.8	30.3	24	95	96	73	74	83	89	85	.5
27..	58.68	58.63	59.68	57.62	57.79	59.28	58.61	25.3	24.8	28.8	29.7	27.3	27	27.2	30.4	24	93	94	77	76	85	84	84.8	1.8
28..	58.25	58.45	59.53	57.61	57.89	59.67	58.57	26.4	25.9	29.5	30.6	27.7	26.6	27.8	31	25.5	87	87	75	71	80	86	81	.....
29..	59.13	59.48	60.16	58	94 58.47	59.95	59.36	26.4	26	30	31	28.2	27.1	28.1	31.4	25.4	86	88	68	71	82	85	80	1.3
30..	59.36	59.63	60.21	58.86	59.03	60.26	59.56	26.2	25.6	30.3	30.7	28.1	26.5	27.9	31.3	25.1	90	88	70	70	77	87	80.3	1.8
Mean	58.90	59.09	59.97	58.15	58.33	59.84	59.05	25.1	24.9	28.7	29.8	27.1	25.9	26.9	30.5	24	85.8	85.9	71.4	69.8	78.8	82.6	79	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	N	77.5	73.7	93.8	78.6	323.6	4	Ci.-S.	Cu.-N. E	4	A.-Cu. NNE	Cu.-N. NE
2..	NE	NNE	NE	NE	NE	N	74	97.6	84.5	80.3	336.4	4	Ci.	Cu. NE	8	Ci.-S.	Cu.-N. NE
3..	N	NNE	NE	NE	N	N	99.2	104.9	95.6	81.5	381.2	2	A.-Cu.	Cu. NE	8	Ci.-S.	Cu.-N. NE
4..	N	N	NE	NE	NE	N	56.3	84.5	76.2	74	291	1	.....	Cu. ENE	5	A.-Cu. NE	Cu. NE
5..	N	NNE	N	NNE	N	N	58.9	105.9	114.5	87.9	367.2	2	Ci.	Cu.	6	A.-Cu. ENE	Cu. NE
6..	N	NNE	NE	ENE	NE	N	33.5	59.2	87.4	55.3	235.4	3	Ci.-S.	cu.-N. ENE	3	.....	Cu. NE
7..	NE	NNE	NE	NE	NE	NE	50.9	65.2	73.7	48.3	238.1	1	.....	Cu. ENE	1	Ci.	Cu.
8..	NE	N	NE	NE	NE	NE	52.1	70.8	75.6	59.2	257.7	3	Ci.	Cu.	2	.....	Cu. ENE
9..	N	NNE	NE	NE	NE	NE	40.8	53.1	77.9	64.6	236.4	3	Ci.	Cu. ENE	7	Ci. NE	Cu. ENE
10..	NE	N	NE	NE	NNE	N	54.7	60.9	89.5	73.4	278.5	5	Ci. E	Cu. NE	5	Ci. ENE	Cu.
11..	Calm	NNE	N	NNE	N	N	61.8	105.6	115.3	71.8	354.5	7	Ci.-S. E	Cu.	8	Ci. ENE	Cu. NE
12..	N	NNE	NNE	NNE	N	N	67.4	101.2	106.2	76.6	351.4	8	Ci.-S.	Cu. NNE	9	Ci.-S.	cu.-N. NNE
13..	SW	WSW	SW	WSW	W	SW	46.4	47.7	111.6	31.2	236.9	10	Ci.-S.	N. NW	9	Ci.-S.	Fr.-N. NW
14..	SW	SW	W	NNW	N	N	51	40	46.5	24.9	162.4	4	Ci.-S. SE	Cu.	10	Ci.-S.	Cu. W
15..	N	N	NE	NE	NE	NE	25.5	56.3	71.4	72.9	226.1	9	Ci.-S.	Cu. WSW	8	Ci.-S.	Cu.-N. NW
16..	NE	NE	NE	NE	NE	NE	49.9	71.1	85	81.9	287.9	6	Ci.-S.	Cu. NNW	6	Ci.-S.	Cu. NW
17..	NE	NE	NE	NE	NE	NE	44.9	64.7	88.7	79.9	278.2	3	Ci.	Cu.	5	Ci.-S.	Cu. NNE
18..	NE	NE	NE	ENE	NE	NE	63.9	80.2	81.8	63.3	289.2	1	Ci.	Cu.	5	Ci. NNE	Cu. ENE
19..	NE	NE	NNE	NE	NE	NE	44	72.1	75.3	68.1	259.5	2	Ci.	Cu. ENE	4	Ci.	Cu. NNE
20..	NE	NE	NE	NE	N	NNE	48.3	76.4	91.7	84.3	300.7	1	Ci.	Cu.	2	Ci.	Cu. NE
21..	NE	NNE	NE	NE	NE	NE	85.3	78.3	76.2	70.6	310.4	1	Ci.	Cu.	2	Ci.	Cu. ENE
22..	Calm	Calm	N	NE	NW	NE	21.2	45.9	81.3	81.5	229.9	1	Ci.	Cu.	6	Ci.-S. ENE	Cu.-N. NE
23..	NE	NNE	NE	NE	NE	NE	80.2	67.	71.3	58.2	276.7	6	Ci.	Cu. E	7	Ci. ENE	cu.-N. ENE
24..	N	NNE	NE	NE	NE	NE	43.1	67.6	75	75	260.7	3	.....	cu.-N. ENE	7	Ci.-S. ENE	Cu.-N. NE
25..	N	N	NE	NNE	N	N	60.2	59.5	69.2	52.5	241.4	6	Ci.-S.	cu.-N. ENE	7	Ci.-S. NE	N. ENE
26..	Calm	Calm	NE	NE	NE	NE	19	34.6	58.9	49.4	161.9	10	Ci.-S.	N. ENE	8	Ci.-S. ENE	Cu.-N. NE
27..	N	Calm	NE	NE	NE	NE	23.8	47	75.3	63	209.1	8	ci.-s. NW	Cu.	4	Ci. W	Cu. ENE
28..	NE	NE	NE	NE	NE	NE	50.2	68.1	77.2	53.6	249.1	3	Ci. W	Cu. ENE	4	A.-Cu. E	Cu. ESE
29..	NE	NE	NE	NE	NE	NE	32	56.3	78.3	57.4	224	8	Ci.-S.	Cu.-N. E	7	Ci.	Cu. ENE
30..	NE	NNE	NE	NE	NE	NE	51.2	75.1	89.9	74.6	290.8	4	.....	Cu.-N. E	2	.....	Cu. NNE
Mean	.....	.....	.....	.....	.....	.....	52.2	69.7	83.2	66.5	271.5	4.3	.....	.....	5.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,146.3	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.13	59.10	59.80	58.10	58.59	59.51	59.04	26	26.2	30.8	32	26.5	26.3	28	32.1	25	87	85	65	62	83	83	77.5	0.3
2..	58.35	58.36	59.62	57.76	57.81	59.04	58.49	26	26.2	30.3	31.4	27.8	26.6	28	31.8	25.5	83	82	62	60	78	86	75.2	.....
3..	58.04	58.32	59.30	58.12	58.53	59.87	58.70	26.4	26.3	30.3	28.5	27.5	26.6	27.6	31.7	25.9	86	86	71	73	78	83	79.5	.....
4..	59.03	59.46	60.36	58.55	59.15	60.45	59.50	26.3	25.7	30.3	31.3	28.5	27.1	28.2	31.8	25.6	82	85	69	68	78	83	77.5	.3
5..	59.11	59.73	60.50	58.63	58.97	60.23	59.53	26.4	25.9	29.3	32	29.2	27.7	28.4	32.1	25.6	84	86	73	61	75	80	76.5	.....
6..	58.72	58.81	59.55	57.64	58.23	59.28	58.70	27.6	27.5	31.2	31.4	28.8	27.4	29	32.2	26.8	80	80	64	66	76	84	75	.....
7..	57.91	58.34	59.13	56.43	57.36	58.39	57.93	26.7	25.6	29.3	32	28	27.1	28.1	32.1	25.4	85	88	72	65	81	85	79.3	1.3
8..	57.18	57.05	58.32	56.11	56.76	57.52	57.16	26.9	26.1	29.1	30.8	28.3	27.2	28.1	31.3	25.6	83	88	76	70	76	82	79.2	1.5
9..	56.77	56.80	57.86	56.16	56.90	58.84	57.22	26.8	25.1	31	29.2	28	27.2	27.9	31.8	25	83	92	67	80	85	85	82	.....
10..	57.86	58.19	58.79	57.38	58.23	59.93	58.40	27.4	25.9	31.4	30.8	29	27.1	28.8	31.8	25.4	84	92	66	65	78	86	78.5	.....
11..	58.84	59.06	59.47	57.74	58.18	59.70	58.83	26.8	26.9	30.7	31.5	28.8	27.9	28.8	32.3	26.6	83	83	69	68	81	79	77.2	4.8
12..	58.42	58.24	59.09	58.18	58.06	58.52	58.42	26.9	26.4	30.5	32.3	27.8	27.6	28.6	32.5	25.3	83	86	72	68	82	81	78.7	.....
13..	57.93	58.24	59.81	58.11	58.62	60.42	58.86	26.8	26.5	30.3	30.8	26.3	26.5	27.9	31.8	24.5	85	86	72	71	90	87	81.8	8.2
14..	59.84	59.54	60.47	59.15	59.51	60.21	59.79	25.3	25.5	29.7	30.5	28.8	27.5	27.9	31.8	24.7	93	92	72	70	77	83	81.2	.3
15..	59.64	59.94	60.50	58.60	58.16	59.47	59.38	25.7	26.5	28.1	30.8	28.6	27.3	27.8	31.5	25.7	93	88	80	70	79	84	82.3	4.1
16..	58.63	58.98	59.40	57.34	57.48	58.54	58.40	25.9	24	31	30.6	28.8	26.8	27.8	32	23.3	92	93	62	67	74	84	78.7	.....
17..	57.15	57.39	58.37	56.54	56.95	58.12	57.42	25.7	26.8	30.8	31.6	29.3	27.8	28.7	32.3	25.5	92	82	69	68	74	83	78	4.3
18..	57.67	57.94	58.42	57.26	57.83	58.97	58.02	26.2	25.9	30.5	30.9	29	27.8	28.4	31	25.4	91	90	73	72	78	84	81.3	.....
19..	58.34	58.80	59.15	57.50	57.48	59	58.38	26.9	24.8	30.5	31.8	29	26.7	28.3	32.1	23.9	88	92	70	65	76	90	80.2	3.6
20..	58.49	58.74	59.44	57.68	57.50	58.57	58.40	26.5	26.3	29.8	31.7	28.8	27.5	28.4	31.8	25.8	90	90	74	66	74	81	79.2	.....
21..	57.64	57.94	59.01	57.20	57.07	58.94	57.97	27.1	25.8	30.5	31.8	28.8	25.9	28.3	32.1	23.9	82	84	62	57	69	87	73.5	.....
22..	57.75	58.19	59.07	57.51	57.63	58.48	58.10	23.4	22	30.1	32.3	29	26.7	27.2	32.8	20.2	98	94	65	59	69	81	77.7	.....
23..	58.12	58.54	59.05	56.79	56.31	57.63	57.74	23.1	22.9	29.8	32.7	29.9	25.1	27.2	32.8	21.3	97	95	69	60	70	89	80	.....
24..	57.67	57.95	58.22	55.90	55.91	57.52	57.20	23.3	23	31.9	32.1	29.8	26.3	27.7	34.8	22.4	94	94	61	64	67	87	77.8	.....
25..	57.24	57.41	58.48	56.44	56.53	58.47	57.43	24.8	24.9	31	32.2	30.5	26	28.2	33.5	24.2	96	97	62	57	65	89	77.7	.....
26..	58.30	58.16	58.91	57.20	57.24	59	58.14	24.5	24.9	30.5	33.5	30.8	26.8	28.5	34.1	24	98	95	68	56	67	84	78	.....
27..	58.66	58.85	59.44	57.11	57.58	59.37	58.50	25.7	24.6	31.7	33.8	30.5	27.3	28.9	34.4	23.7	87	93	64	55	70	86	75.8	.....
28..	58.74	58.80	58.95	56.97	58.08	58.96	58.42	26.3	24.5	30.5	31.7	28	26.3	27.9	34.6	24	90	94	64	73	85	94	83.3	1.8
29..	58.58	58.91	58.94	57.44	58.01	60.06	58.66	24.8	24.5	31.9	32.8	29.8	28	28.6	32.9	23.4	95	94	67	67	76	85	80.7	.....
30..	58.45	59.68	59.96	58.14	58.23	60.12	59.10	27.2	24.8	30.8	32	29	25.8	28.3	32.6	24.2	89	93	69	64	69	88	78.7	.....
31..	59.59	60.18	59.41	58.06	58.41	59.93	59.26	23.8	22.7	30.5	31.8	29.5	28.4	27.8	32.8	21.9	89	94	66	63	73	79	77.3	.....
Mean	58.32	58.57	59.25	57.48	57.78	59.13	58.42	25.9	25.3	30.5	31.6	28.8	27	28.2	32.4	24.5	88.5	89.5	68.2	65.5	75.9	84.6	78.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NNE	N	NE	NE	NNE	61.7	77	82.3	71.1	292.1	2	.....	Cu. ENE	6	A.-Cu. ENE	Cu.-N. E
2..	N	NE	NE	NE	N	N	61.5	76.7	71.9	62.3	272.4	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
3..	N	NNE	NE	NNE	N	N	57.3	74.5	75.1	64.2	271.1	2	.....	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
4..	N	NNE	NE	NNE	NE	N	50.4	69.4	72.1	56.5	248.4	3	Ci.	Cu. E	6	Ci.-S. E	Cu.-N. ENE
5..	N	N	N	NE	NE	NE	38.1	62.6	80.2	94.4	275.3	7	Ci. W	Cu. ENE	2	Ci.	Cu.
6..	NE	NE	NE	NE	NE	N	94.3	98.8	78.9	52.1	324.1	1	.....	Cu. E	3	.....	Cu. ENE
7..	N	N	N	NE	NE	N	49.1	59.7	71.3	53.6	233.7	1	A.-Cu. E	Cu.	3	Ci.	Cu.-N. ENE
8..	N	NNE	NE	NE	NE	NE	52	69.4	73.4	51	245.8	8	Ci.-S.	N. ENE	6	Ci.-S. ENE	Cu.-N.
9..	NE	Calm	NE	NE	E	ENE	16.6	59	59	24.1	158.7	4	Ci. W	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
10..	NE	Calm	NE	NE	NE	NE	29.3	58.7	71.3	44.1	203.4	8	A.-Cu. ENE	Cu.	3	Ci. NW	Cu.
11..	NE	NE	NE	NE	E	NE	56.8	67.4	79.2	75	278.4	7	Ci.	Cu.-N. E	6	Ci.	Cu. ENE
12..	NE	NNE	NE	NE	N	NE	65.7	76.4	78.7	74.6	295.4	9	Ci.-S.	Cu. ENE	7	Ci.-S.	Cu.-N. ENE
13..	NE	NNE	NE	ENE	NE	N	57.9	55.7	87.9	56.3	257.8	8	Ci.-S.	N. ENE	6	Ci.-S.	Cu.-N. ENE
14..	NE	Calm	NNE	ENE	NE	NE	35.4	52.5	75.4	44.9	208.2	7	Ci.-S.	Cu.	5	Ci.	Cu. ENE
15..	N	NNE	N	NE	NE	NE	49.1	58.7	86.9	41.2	235.9	2	Ci.	Cu. ENE	2	.....	Cu. ENE
16..	NE	Calm	NNE	NE	NE	N	17.4	58.5	71.8	56.8	204.5	1	.....	Cu.	2	A.-Cu. ENE	Cu.
17..	N	NNE	NE	NNE	NE	NE	52.1	72.1	78.1	49.9	252.2	4	Ci.	Cu. ENE	7	Ci. NNE	Cu. ENE
18..	NE	NE	NE	NE	NE	NE	39.2	60.9	66.8	44.5	211.4	7	Ci.-S. NNE	cu.-N. ENE	8	Ci.-S. NNE	Cu.-N. ENE
19..	NE	Calm	NE	NE	NE	NE	26.6	41.8	81	41.3	190.7	7	Ci.-S. NNE	Cu. ENE	2	Ci. NNE	Cu. ENE
20..	NE	ENE	ENE	NE	NE	NE	37	51.3	78.3	54.7	221.3	2	.....	Cu. ENE	2	.....	Cu. NE
21..	NE	NE	NE	NE	E	Calm	35.7	53.3	71.4	40.8	201.2	1	.....	cu.-N. ENE	1	.....	Cu.
22..	Calm	NE	NE	NE	NE	NE	18.7	33.8	63.1	30.6	146.2	2	Ci.	Cu.	2	Ci.	Cu.-N. ENE
23..	NE	NE	NE	NE	NE	NE	23.3	36.7	54.5	19.8	134.3	4	Ci. ENE	Cu.	5	Ci. ENE	Cu. ENE
24..	NE	NE	SW	NE	S	Calm	25.9	44	45.9	24.7	140.5	2	Ci.	Cu.	7	A.-Cu.	Cu.-N.
25..	S	SW	SW	SSW	SW	SW	41	63.8	74.6	27.4	206.8	7	Ci.-S.	cu.-N.WSW	8	Ci.-S. W	Cu. WSW
26..	SW	SW	SW	SW	S	S	36	74	92.3	30.8	233.1	5	Ci.	Cu. WSW	5	Ci. W	Cu. WSW
27..	Calm	S	SW	SSW	Calm	Calm	22.2	48	66.6	19.1	155.9	1	Ci.	Cu.	3	.....	cu.-N. WSW
28..	S	SW	SW	NE	Calm	Calm	24.4	52.3	53.1	13.2	143	2	Ci.	Cu.	5	Ci.-S.	Cu. WSW
29..	Calm	ESE	SE	NE	E	Calm	19	45.1	73	30.9	168	2	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu.-N.
30..	Calm	Calm	SE	ENE	E	Calm	11.9	38.4	79.7	31.6	161.6	7	Ci.-S. ENE	Cu.-N.	8	Ci.-S. ENE	Cu.
31..	Calm	NE	NE	NE	NE	ENE	13.9	38.3	77.7	40	169.9	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	39.3	59	73.3	45.9	217.5	4.1	.....	.....	4.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,741.3	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.66	60.13	60.17	58.71	59.06	59.53	59.54	25.4	26.8	31.2	31.9	28.5	27.8	28.6	33	24.5	93	83	68	65	81	83	78.8	8.6
2	58.37	59.31	59.87	58.30	57.98	59.22	58.84	26.1	24.5	27.8	25.6	27	26	26.2	28.8	23.2	89	94	81	85	80	86	85.8	59.5
3	58.46	58.86	59.18	57.05	57.36	58.89	58.30	25.7	25.5	29.3	31.2	28.7	26.3	27.8	31.8	23.1	87	88	78	69	76	92	81.7	29.6
4	57.78	58.11	58.88	57.23	57.24	58.31	57.92	25.5	24.3	28.3	29.1	26.4	25.4	26.5	30.7	23.4	94	96	81	78	87	93	88.2	11.4
5	57.05	57.34	58.05	56.34	56.55	57.54	57.14	24.2	23.5	27	25.8	26.6	24.5	25.3	28.8	22.9	93	97	84	95	91	96	92.7	12
6	56.59	56.85	56.98	55.31	56.02	57.75	56.58	23.9	24.3	28.6	30.8	27.3	25.9	26.8	31.3	23.6	97	94	75	65	80	87	83	.....
7	57.54	57.64	58.41	56.86	57.82	59.57	57.97	24.7	24.5	30	31.6	29.5	26.2	27.8	32.5	23.6	93	93	60	66	75	89	79.3	.....
8	58.93	59.18	60.11	58.77	59.48	60.47	59.49	25.2	24	30	28.5	26.8	25.1	26.6	32.2	23.2	92	94	67	78	82	91	84	.8
9	59.81	59.37	60.28	59.16	59.13	59.98	59.62	24.4	23.9	28.9	29.9	27.3	25.8	26.7	30.8	23.1	93	95	78	75	84	89	85.7	.....
10	59.29	58.16	59.38	57.59	57.30	58.56	58.38	25.2	24.9	26.8	25.9	25.5	23	25.2	27.1	22.5	92	92	88	78	88	95	88.8	31.8
11	57.62	57.68	58.42	56.86	57.23	58.88	57.78	22.9	22.8	27.8	29.1	27.2	25.4	25.9	29.3	21.8	96	96	75	73	81	89	85	1.3
12	58.50	58.81	59.35	57.60	58.35	60	58.77	25	24.4	30	32.8	30.3	26.5	28.2	32.9	23.5	92	95	67	60	72	89	79.2	.....
13	59.13	59.54	59.89	58.66	59.36	60.52	59.52	25.5	24.4	31	30.2	27.2	25.2	27.2	31.2	24.2	93	94	71	72	88	95	85.5	6.4
14	59.42	59.58	60.31	58.13	58.76	59.80	59.33	24.5	23.8	30.3	31.3	29.3	26.6	27.6	32.2	23.7	95	97	74	71	76	91	84	2.5
15	59.29	59.43	59.40	58.21	58.39	59.70	59.07	26.5	26.4	30.2	30.9	29.3	27.6	28.5	31.8	25.9	91	92	75	73	78	85	82.3	.....
16	59.24	59.79	60.14	58.81	58.96	59.40	59.39	26.5	24.9	30.5	31.6	28.1	27.8	28.2	32.4	24.6	90	95	74	69	85	84	82.8	.....
17	59.31	59.89	60.06	58.41	58.35	59.50	59.25	25.1	23.9	30.4	31.5	28.8	27.6	27.9	32.8	23.6	97	96	71	71	77	83	82.5	2
18	58.87	59.05	59.73	58.11	58.82	59.80	59.06	26.7	25.6	29	31.5	29	27.1	28.2	31.8	24.9	87	92	76	69	76	85	80.8	.....
19	59.51	59.68	59.87	58.51	59.12	59.88	59.43	26.3	25.6	31.1	31.7	28.6	27.7	28.5	32.7	24.8	90	94	67	68	78	82	79.8	2.3
20	59.39	59.47	60.06	58.60	58.57	59.65	59.29	25.8	26.5	30	31.3	28.4	27	28.2	31.6	25.3	93	89	74	68	81	87	82	10.4
21	58.85	59.16	59.35	58.13	57.92	59.12	58.76	24.6	24.8	28.4	25.8	27.5	26.6	26.3	30.3	24.2	92	91	80	89	83	87	87	5.9
22	58.36	58.21	58.70	56.81	57.23	59.12	58.07	25.2	24.9	29.8	31.6	29	25.6	27.7	32.3	24.6	93	92	71	66	76	93	81.8	.....
23	57.68	57.88	58.80	56.79	57.18	59	57.89	26.7	24	30.5	31.5	28.9	27.1	28.1	32.9	23.6	83	96	70	66	77	87	79.8	.....
24	58.28	58.23	57.80	56.31	56.67	58.04	57.56	25.4	24.2	30.7	32.6	29.3	25.7	28	32.8	23.8	90	95	68	65	74	91	80.5	.....
25	56.98	57.14	57.07	55.79	56.28	56.41	56.61	24	23.5	30.7	31.5	24.3	23.5	26.2	32.3	22.9	92	92	66	68	91	93	83.7	.3
26	55.07	54.16	56.60	53.67	54.07	54.08	54.61	24.1	24.8	24	25	23.7	23.8	24.2	25.4	22.9	92	92	95	89	96	93	92.8	97.6
27	51.22	50.97	50.25	48.43	48.39	48.54	49.63	23.9	24.1	25.6	25.1	24.6	24.7	24.7	25.8	23.5	97	97	91	93	96	96	95	125.9
28	47.77	47.65	48.01	47.45	47.78	49.19	47.98	23.8	24.6	25	25	25.8	26.2	25.1	26.5	23.5	96	94	92	94	88	82	91	74.5
29	49	49.43	50.28	50.10	51.41	53.75	50.66	25.9	25.6	26.2	26.1	25.7	25.6	25.8	28.8	24.5	85	87	86	89	91	90	88	14.3
30	53.82	55.19	55.34	54.92	55.94	57.80	55.50	25.3	25.5	28.2	28.9	27.5	25.6	26.8	29.6	24.5	92	92	76	76	81	93	85	12.7
Mean	57.36	57.53	58.02	56.52	56.89	58.07	57.40	25.1	24.7	28.9	29.5	27.5	26	27	30.7	23.8	92	93.1	76	74.8	82.3	89.2	84.6	.....
Total	.....																							509.8

Day.	Wind.										Clouds.				
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ENE	E	ENE	NE	NE	24.2	48.1	81	53.3	206.6	7	Ci.-S.	Cu.-N. ENE	6	Ci.-S. ENE	Cu. ENE
2	NE	SW	W	N	NE	NE	21.7	35.6	48.5	34.1	139.9	8	Ci.-S.	Cu.-N. ENE	10	Ci.-S.	N. ENE
3	Calm	NE	NE	NE	NE	E	14.8	46.5	78.3	41.5	181.1	6	Ci.-S.	Cu.-N. ENE	3	.....	Cu.-N. ENE
4	Calm	Calm	NNE	NE	NE	ENE	11.8	48.8	60.7	40	161.3	5	Ci.-S.	Cu.-N.	9	Ci.-S. ENE	Fr.-N. ENE
5	Calm	Calm	NE	NE	Calm	SE	20.3	41	35.2	19.9	116.4	9	Ci.-S.	N.	9	Ci.-S.	N. ENE
6	S	S	SSW	SSE	S	S	25.9	49.1	77.4	38.9	191.3	9	Ci.-S.	N.	5	Ci.-S.	Cu. SSE
7	Calm	SSE	S	E	NE	ENE	19.5	49.3	49.7	26.8	145.3	1	.....	Cu. SSE	4	Ci.	Cu. SSE
8	NE	NE	S	ESE	W	W	32.7	42.4	41.8	30.3	147.2	2	Ci. SE	Cu. ESE	6	A.-Cu.	Cu.-N. SSE
9	W	Calm	NNE	NE	S	S	18.3	39.6	45.1	27.7	130.7	6	A.-Cu. ESE	Cu.	10	Ci.-S.	Cu.-N. SSE
10	S	S	S	Calm	Calm	Calm	22.8	28.2	17.2	23.5	91.7	10	Ci.-S.	Cu.-N. ESE	10	Ci.-S.	N. ESE
11	S	SSE	SW	SW	SW	SW	23.8	62	59	27.1	171.9	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. WSW
12	SW	SW	S	SSW	S	S	32.2	53.3	56.1	27.2	168.8	2	Ci.	Cu.	2	Ci.-S.	Cu. WSW
13	Calm	S	E	ENE	Calm	Calm	16.6	39.7	38.4	10.3	105	1	Ci.	Cu.	7	Ci.-S.	Cu.-N.
14	Calm	Calm	E	NE	NE	Calm	10.8	36.2	68.2	28.5	143.7	4	Ci.	Cu.	7	Ci.-S. ENE	Cu.
15	NE	NE	NE	NE	NE	Calm	21.9	44.8	63.8	29.5	160	10	Ci.-S.	N. ENE	4	Ci.-S. ENE	Cu. ENE
16	NE	Calm	NE	NE	N	NE	19.9	37.3	59.7	52	168.9	6	Ci.-S. ENE	Cu.	5	Ci. SW	Cu.-N. E
17	Calm	Calm	NE	NE	NE	NE	15.8	29.3	59.7	41.3	146.1	4	Ci. WSW	Cu. ENE	9	Ci.-S.	Cu.-N. ENE
18	Calm	Calm	NE	NE	NE	E	21.1	42.8	71.6	44.6	180.1	8	Ci.-S.	Cu.-N. ENE	3	Ci.-S.	Cu. ENE
19	Calm	Calm	NE	NE	N	N	17.9	40.8	73	48.8	180.5	8	Ci.-S.	N. ENE	3	Ci.-S. NNE	Cu. ENE
20	E	NE	NE	NE	NE	N	35.1	45.7	65.7	40.8	187.3	8	Ci.-S.	N. E	6	Ci.-S.	Cu. ENE
21	Calm	Calm	NE	NNE	N	N	24.4	38.1	35.9	33	131.4	9	Ci.-S.	Cu. NE	10	Ci.-S.	N. ENE
22	Calm	Calm	ENE	NE	E	Calm	26.8	29.8	60.9	15.6	133.1	8	Ci.-S.	Cu.-N.	2	Ci.-S.	Cu.-N.
23	NE	Calm	NE	NE	NE	Calm	20.6	35.7	72.1	37.3	165.7	3	Ci. W	Cu.	7	Ci. W	Cu. E
24	Calm	Calm	NE	NE	NE	ENE	15.5	35.2	67.3	25.7	143.7	0	.....	.....	2	Ci.	Cu. ENE
25	NE	NE	NE	ENE	SW	WSW	25.7	35.9	55.3	23	139.9	3	Ci.	Cu.	7	Ci.-S. ENE	Cu. NE
26	SW	WSW	SW	WSW	SW	WSW	42	34.8	46.7	80.5	204	10	Ci.-S.	N.	10	Ci.-S.	N. NE
27	W	W	WSW	SW	SW	SSW	101.4	124.4	93.9	131.5	451.2	10	Ci.-S.	N. NW	10	Ci.-S.	N. WNW
28	SW	SW	SW	SW	SW	SSW	214.3	250.8	222.3	209.5	896.9	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N. WSW
29	S	SSW	SSW	SW	SW	SSW	170.4	150.3	142.2	111.5	574.4	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	N. WSW
30	S	SSW	SW	SSW	S	SW	65.2	114.6	82.2	31.2	293.2	10	Ci.-S.	Fr.-N. SW	10	Ci.-S.	Fr.-N. WSW
Mean	.....						37.8	57	67.6	46.2	208.6	6.6	.....		6.8	.....	.....
Total	.....						.....	.....	.....	.....	6,257.3	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.60	57.75	58.36	57.58	57.42	59.32	58	24.7	23.6	30.2	32.1	30.5	26.1	27.9	32.8	23.4	92	97	69	61	72	91	80.3	.....
2..	58.85	58.94	58.75	57.23	58.06	58.93	58.46	24.2	23.5	30	4 31.8	28.1	24.6	27.1	32.2	23.2	93	95	68	67	81	92	82.7	2
3..	58.20	57.61	57.90	56.66	57.08	57.92	57.56	23.8	23.1	29.8	28.8	24	23.4	25.5	31.3	22.9	94	97	71	80	91	95	88	8.9
4..	56.16	56.04	56.17	54.94	54.55	56.49	55.72	24.7	25	29.5	25.1	25.4	23.8	25.6	29.8	23.6	88	91	75	89	91	92	87.7	15.8
5..	55.01	54.30	55.06	53.87	53.57	55.31	54.52	23.5	23.3	25.9	24.8	24.2	24	24.3	28.3	22.6	91	89	87	95	92	92	91	7.8
6..	54.32	54.13	54.88	54.05	54.67	56.46	54.75	24	24.1	28.5	30	27.8	24.8	26.5	30.8	23.6	92	93	79	71	78	94	84.5	5.7
7..	56.08	56.69	57.34	56.11	57.23	58.52	57	24.9	24.5	27.2	29.7	25	24.5	26	30.1	23.7	94	94	87	72	92	95	89	6.3
8..	56.94	57.17	57.22	56.22	55.88	56.71	56.69	25	25.3	29.4	29.2	27	25.8	27	30.3	24.3	92	92	74	73	75	84	81.7	.....
9..	55.68	55.60	55.57	54.13	54.36	55.62	55.16	25.8	26.6	29.9	30.4	28.3	27.1	28	30.8	25.5	84	83	69	70	74	79	76.5	3.3
10..	54.72	54.79	55.12	54.01	54.57	55.12	54.72	27	25.5	29	30.5	28.4	27.5	28	30.8	25	78	84	71	65	75	76	74.8	.....
11..	54.78	55.32	56.01	55.30	55.56	56.52	55.58	26.7	26.2	29.4	31.6	28.8	27.2	28.3	31.8	26.2	80	82	66	59	72	81	73.3	.....
12..	56.73	56.89	57.44	56.45	56.85	58.24	57.10	26.3	26	30.9	31.3	28.3	26.4	28.2	31.9	25.6	86	86	63	63	76	85	76.5	.....
13..	57.31	57.48	57.36	56.33	56.40	57.99	57.14	25.6	25.5	30.5	31.1	28.8	26.5	28	31.8	25	88	88	63	62	71	85	76.2	.....
14..	56.79	56.71	57.15	55.91	56.30	56.87	56.62	25.8	25.6	30.1	31.1	28.6	26.9	28	31.5	25	88	88	64	65	73	82	76.7	.....
15..	56.54	56.75	57.22	55.86	55.95	56.74	56.51	26.2	26.1	30.3	30.8	28.3	26.4	28	31.2	25.6	85	85	64	63	74	85	76	.....
16..	56.30	56.96	57.96	56.58	57.55	58.03	57.23	25.7	25	30.3	31.8	28.6	26.2	27.9	31.9	24.5	88	88	64	60	73	86	76.5	.....
17..	57.55	57.75	57.72	56.96	57.25	58.78	57.67	25	25.1	29.8	32.3	28.3	26.9	27.9	32.4	24.5	92	90	69	58	77	83	78.2	.....
18..	57.87	57.91	57.71	56.55	57.03	58.04	57.52	26	25.5	30.5	30.9	29	26.5	28.1	32.3	25.1	87	89	64	64	69	82	75.8	.....
19..	57.44	57.76	58.33	56.76	57.24	58.59	57.69	25.7	25.6	30.7	32.3	29.4	26	28.3	32.8	25	88	88	66	60	70	82	75.7	.....
20..	57.29	57.21	58.48	56.73	57.26	58.19	57.53	25.3	25.1	30.8	32.6	29.7	26.4	28.3	32.8	24.9	85	86	65	59	71	86	75.3	.....
21..	57.79	57.70	58.02	56.03	56.63	58.20	57.40	25.4	25.2	30.6	31.9	29.1	26.1	28	32.9	25	92	92	67	61	72	84	78	.....
22..	56.48	56.28	56.07	54.93	55.38	56.52	55.94	25.6	25.2	30.8	31.3	29.3	26.9	28.2	32.3	25	86	88	64	64	70	83	75.8	.....
23..	55.46	55.10	55.92	54.56	54.68	55.97	55.28	26.6	26	31	32.2	29.1	27.1	28.7	33.1	25.8	83	87	66	63	74	85	76.3	.....
24..	55.13	55.11	55.73	54.51	54.87	56.23	55.26	26	25.5	30.4	30	28.8	27.1	28	32.1	25.3	86	88	68	75	78	85	80	.8
25..	55.13	55.27	55.48	54.83	55.33	56.34	55.40	26.1	25.7	29.3	29.6	27.8	26.4	27.5	31.2	25.4	89	91	79	81	86	93	86.5	12.9
26..	55.87	55.91	56.12	55.17	55.69	56.79	55.92	26	25.7	29.4	29.8	27.5	26.1	27.4	31.2	25.3	94	95	72	75	84	88	84.7	5.6
27..	55.95	56.39	57.21	55.48	55.90	57.03	56.33	25.8	25.4	24.4	28.3	26	25.2	25.8	28.4	23.3	88	88	94	77	88	91	87.7	38.4
28..	56.08	56.05	56.55	55.77	56.07	57.86	56.40	25.1	24.9	30	28.6	28.8	25.5	27.2	30.4	24.8	91	92	70	76	79	92	83.3	5.9
29..	57.74	57.84	57.86	56.92	57.58	59.12	57.84	24.3	24.2	29.4	31.3	29.5	26.1	27.5	32.6	23.8	97	96	74	64	76	91	83	.....
30..	58.11	58.76	59.33	58.09	58.70	60.33	58.89	24.9	25	30.3	32.2	29.5	26.8	28.1	32.8	24.4	95	95	68	61	79	83	80.2	.....
31..	59.49	60.11	60.86	59.30	59.70	60.47	59.99	24.8	23.8	29.3	31.8	28.7	24.8	27.2	32.2	23.7	90	96	74	66	79	93	83	.....
Mean	56.63	56.72	57.13	55.93	56.30	57.52	56.70	25.4	25.1	29.6	30.5	28.1	26	27.4	31.5	24.5	88.9	90.1	70.8	68.4	77.8	86.9	80.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	S	SW	Calm	Calm	18.8	49.1	60.6	11.8	140.3	2	Ci.	Cu.	6	Ci. W	Cu. WSW
2..	Calm	Calm	SW	ENE	NW	Calm	16.1	30.4	59.5	24.1	130.1	1	Ci.	Cu.	2	Ci.	Cu.
3..	Calm	W	NE	Calm	SW	WSW	25.7	38.3	45.6	24.9	134.5	2	Ci. E	Cu.	10	Ci.-S.	cu.-N. NNW
4..	SW	WSW	WSW	SW	SW	WSW	49.6	96.9	76.1	55.5	278.1	10	Ci.-S.	N.	10	Ci.-S.	N. NNW
5..	SW	SW	WSW	SSW	SW	SW	92.8	102.2	83.5	74.5	353	10	Ci.-S.	N. W	10	Ci.-S.	N. WSW
6..	SW	SW	WSW	SW	SW	SW	53.6	81.3	116.7	43.7	295.3	3	Ci.	Fr.-Cu. WSW	4	Ci.	Fr.-Cu. WSW
7..	SW	SW	SW	SW	SW	SW	48	85	104	67	304	9	Ci.-S.	cu.-N.WSW	9	Ci.-S.	cu.-N. WSW
8..	SW	SW	SW	SW	SW	SW	84.8	123.4	130.4	41.3	379.9	10	Ci.-S. NE	Fr.-Cu. WSW	10	Ci.-S.	Fr.-N. WSW
9..	SW	SW	SW	WSW	SW	SW	82.3	126.8	172	109.2	490.3	10	Ci.-S.	Cu. WSW	9	Ci.-S.	cu.-N. WSW
10..	SW	SW	SW	SW	SW	SW	139.5	140	161.7	133.4	574.6	8	Ci.-S.	Cu. WSW	8	Ci.-S.	cu.-N. WSW
11..	S	SSW	SW	SW	SW	SSW	110.5	122.6	159.9	117.8	510.8	8	Ci.-S.	Fr.-Cu. WSW	5	Ci.	Cu. WSW
12..	SW	SW	SW	SW	SW	SW	89.6	110.7	117.5	74.3	392.1	5	Ci. ENE	Cu.	5	A.-Cu. W	Cu. WSW
13..	SW	SW	SW	SW	SW	WSW	77.7	147.5	149.9	90.1	465.2	3	Ci. NE	Cu. WSW	5	Ci. NE	Cu. WSW
14..	SW	SW	SW	SW	SW	SSW	72.2	111.8	120.5	87.1	391.6	2	Ci.	Fr.-Cu. SW	7	Ci.-S.	cu.-N. WSW
15..	SW	SW	SW	SW	SW	SW	72.9	115.4	136.8	85.6	410.7	8	Ci.-S.	Fr.-N.WSW	9	Ci.-S.	Cu. WSW
16..	SW	SW	SW	SW	SW	SW	64.9	106.2	107.3	56.8	335.2	3	Ci. NE	Cu. WSW	6	Ci.-S.	Cu. WSW
17..	SW	SW	SW	SW	SW	WSW	45.9	133.6	133.8	63.6	376.9	8	Ci.-S. E	Cu. W	6	Ci.-S. SE	Cu. WSW
18..	SW	SW	SSW	SW	SW	SW	54.5	107.3	126	74.6	362.4	9	Ci.-S.	Fr.-Cu. WSW	7	Ci.-S.	Cu. WSW
19..	SW	WSW	SW	SW	SW	WSW	60.9	108.4	133.4	61.5	364.2	6	Ci.-S.	Fr.-Cu. WSW	5	Ci.	Cu. WSW
20..	SW	WSW	SSW	SW	SW	WSW	53.6	99.8	122.6	60.9	336.9	3	Ci. E	Cu. WSW	4	Ci. NE	Cu. WSW
21..	SW	WSW	SW	SW	SW	WSW	53.7	97.1	134.1	64.4	349.3	5	Ci.	Cu. W	5	Ci.	Cu. W
22..	SW	WSW	SW	SW	SW	WSW	57.9	118.1	123.3	39.6	338.9	2	Ci.	Cu. WSW	7	A.-Cu. SSW	Cu. WSW
23..	SW	WSW	WSW	SW	SW	SW	79.2	131.5	131.4	64.6	406.7	8	Ci.-S.	Cu. WSW	4	A.-Cu.	Cu. WSW
24..	SW	SW	SW	SW	SW	SW	70.8	108.3	132.6	96.3	408	5	Ci. NE	Cu. WSW	9	Ci.-S. ENE	cu.-N. WSW
25..	SW	WSW	SW	SW	SW	SSW	71.3	107.2	87.2	74.5	340.2	10	Ci.-S.	Cu. WSW	9	Ci.-S.	cu.-N. WSW
26..	SW	SW	SW	SW	SSW	SW	58.5	99.2	96	60.6	314.3	10	Ci.-S.	Fr.-N.WSW	10	Ci.-S.	cu.-N. WSW
27..	SW	SW	Calm	SSW	SSW	SW	49.4	45.1	91.7	45.3	231.5	10	Ci.-S.	Fr.-N.WSW	10	Ci.-S.	cu.-N. WSW
28..	SW	SW	SSW	SW	SW	SW	52	101.1	75.4	46.5	275	8	A.-Cu. NNW	Cu. SW	8	Ci.-S. NNW	cu.-N. WSW
29..	SW	WSW	SSW	S	Calm	Calm	23.1	80.7	73.8	18	195.6	8	Ci.-S. NE	N.	5	Ci.-S. NE	Cu. WSW
30..	Calm	SW	SW	SW	SSW	NE	16.1	45.9	52.5	30.3	144.8	7	Ci.	Cu. SW	7	Ci.-S. SSW	Cu. WSW
31..	Calm	Calm	NNE	NE	Calm	NE	14	26.9	38.8	23.8	103.5	6	Ci.-S. NE	Cu.	8	Ci.-S. NNE	cu.-N. WSW
Mean	.....	.....	.....	.....	.....	.....	60	96.7	108.2	62	326.9	6.4	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,133.9	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.92	60.04	60.33	58.70	58.89	60.38	59.71	23.4	22.8	29.8	32.6	29.8	26.3	27.4	32.8	22.5	97	95	71	59	69	86	79.5	.....
2..	58.95	58.84	59.81	58.75	59.01	59.87	59.20	24.2	23	30.2	29.1	26.5	24.4	26.2	32.7	22.8	93	95	66	69	80	87	81.7	.....
3..	58.76	59.17	60.17	58.62	58.85	60.39	59.33	22.4	22.1	29.8	30.2	28.8	25	26.4	32.2	21.8	94	95	68	68	74	92	81.8	.....
4..	59.83	59.77	60.39	58.35	58.62	60.12	59.51	23.9	23.6	31	32.5	29.1	26.2	27.7	33	23.4	95	96	66	62	74	87	80	.....
5..	59.05	58.88	59.30	57.70	57.62	59.28	58.64	25.6	25.2	31.2	33.3	29.8	26.3	28.6	33.4	24.9	90	92	66	59	69	86	77	.....
6..	58.73	58.58	58.77	56.93	57.11	58.69	58.14	25.6	25.6	30.5	32.7	28.8	26	28.2	33.2	25	88	92	70	61	71	86	78	.....
7..	57.85	58.03	58.46	56.99	57.16	58.84	57.89	25.2	25.2	30.7	31.6	30	26.5	28.2	32.9	24.1	89	92	67	65	67	86	77.7	.....
8..	58.03	57.67	58.40	57.20	57.53	59.06	57.98	26.3	26.4	30.3	30.8	24.5	25.5	27.3	32.2	24.2	86	86	65	65	87	93	80.3	0.5
9..	58.48	58.76	59.89	57.50	57.25	58.36	58.37	25	24.1	23.1	25.8	26.5	25.6	25	27.8	22.7	92	95	97	85	84	90	90.5	15.2
10..	56.78	56.71	57.90	56.40	55.80	56.39	56.66	24.9	24.2	25.6	25	25.7	24.8	25	26	23.5	92	90	92	94	92	91	91.8	43.7
11..	55.86	56.06	56.90	55.60	55.69	57.17	56.20	23.8	23.6	24.8	26.8	26.9	25	25.2	27.5	23.2	94	94	92	85	85	92	90.3	12.3
12..	56.54	56.46	56.94	55.49	56.72	57.75	56.65	23.8	23.7	27	27.4	23.5	24	24.9	29.8	22.8	95	94	83	84	94	91	90.2	23.3
13..	57.54	57.06	57.84	56.65	57.54	59.09	57.62	24.2	23.7	28.6	29.7	24.5	23.8	25.8	30.3	23	91	94	72	69	94	96	86	4.1
14..	58.54	58.96	59.45	57.44	58.21	59.42	58.67	23.2	22.9	30	31.3	28.8	26.5	27.1	32.3	22.3	97	97	69	66	74	88	81.8	.....
15..	58.82	59.13	59.50	58.12	58.61	59.98	59.03	25	24.1	28.8	30.8	28.5	25.1	27	31.8	23.5	91	95	74	68	78	91	82.8	2
16..	59.18	58.83	59.31	57.61	58.36	60.18	58.91	24.5	24.1	29	31.4	28.1	24.9	27	31.6	23.8	94	96	76	65	82	94	84.5	9.9
17..	59.03	59.03	59.36	57.53	57.20	58.38	58.42	24.2	23.7	28.8	26.4	26.1	25.1	25.7	30.4	23.4	95	97	78	90	92	94	91	9.6
18..	56.93	57.05	57.73	55.72	55.86	57.50	56.80	24.6	24.4	27.1	27.2	27.6	26	26.2	30.5	23.7	94	94	90	89	84	91	90.3	2.1
19..	55.83	56.44	57.37	55.83	56.66	58.51	56.77	25.3	24.9	28.4	29.3	27.8	25.2	26.8	29.8	24.5	92	93	80	76	81	91	85.5	6.1
20..	57.25	57.42	58.17	57.17	56.98	58.87	57.64	24.6	24.4	27.1	27.4	25.2	24.7	25.6	29.3	23.1	92	92	81	84	97	95	90.2	38.8
21..	57.30	57.39	58.72	56.96	57.13	58.86	57.73	24.5	24.6	28	28.5	27	25.7	26.4	29.4	24.2	94	94	78	80	86	87	86.5	7.3
22..	57.45	57.26	58.21	56.46	57.30	59.06	57.62	24.7	24.5	28.5	31	24.7	24.6	26.3	31.5	23.4	92	92	78	69	95	94	86.7	21.4
23..	56.97	56.94	57.74	56.62	56.59	57.20	57.01	24.3	24.8	29.5	26.6	26.3	26.1	26.3	29.8	24.3	96	94	76	90	90	88	89	13.2
24..	56.83	55.89	56.33	54.68	55.24	56.43	55.90	25.3	25.1	28.9	29.6	27.2	25.4	26.9	31	24.3	90	91	74	73	83	88	83.2	.8
25..	56.24	56.14	56.87	55.92	56.35	57.60	56.52	24.8	24.6	29	30.5	27.7	25.5	27	31.1	24.4	92	92	75	67	79	89	82.3	.5
26..	57.03	57.21	58.31	56.73	57.09	58.09	57.41	25	24.5	28.4	28.9	27.7	25.6	26.7	31.2	24	92	95	75	75	81	92	85	.....
27..	57.03	57.28	57.55	56.29	56.59	57.94	57.11	25	24.4	29.5	30.1	26.5	25.6	26.8	30.8	24.2	92	93	75	75	92	95	87	.5
28..	56.85	56.70	57.71	56.13	56.46	58.11	56.99	24.9	24.1	28.1	27.5	27.9	25.5	26.3	28.4	24	93	96	82	84	84	93	88.7	2
29..	57.31	57.49	58.26	57.26	58	59.26	57.93	24.9	24.6	29.8	26.8	26.5	25.9	26.4	30.8	24.4	93	94	74	90	91	91	88.8	1
30..	58.04	58.64	58.97	57.35	58.08	59.67	58.46	25.5	24.6	29.8	32.8	28.2	26.1	27.7	32.3	24.6	89	92	73	66	82	88	81.7	.....
31..	58.25	58.14	58.43	57.11	57.21	59.03	58.03	25.1	24.7	30.6	30.8	28.2	26.1	27.6	31.1	24.3	90	92	67	67	72	85	78.8	20.6
Mean	57.78	57.81	58.49	56.96	57.28	58.69	57.83	24.6	24.3	28.8	29.5	27.2	25.5	26.6	30.9	23.7	92.4	93.5	75.8	74.2	82.7	90.2	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	234.9

Day.	Wind.											Clouds					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NNE	NE	W	NE	N	19.1	29.5	44.5	33.8	126.9	7	Ci.-S. ENE	Cu.	6	Ci.-S. NNE	Cu.-N.
2..	W	W	NE	SSW	Calm	WNW	22.8	35.4	51.7	21.4	131.3	4	Ci.	Cu.	7	Ci.-S. NNE	cu.-N. WSW
3..	NW	Calm	NW	SSW	N	Calm	24.6	32.8	51.5	15.1	124	1	Ci.	Cu.	7	Ci.-S. ESE	cu.-N. WSW
4..	Calm	N	SW	W	SW	SW	17.1	49.7	83.2	52.9	202.9	1	Ci.	Cu. WSW	5	Ci.-S.	Cu. WSW
5..	SW	SW	SW	SW	W	SW	50.2	63.9	93.1	57.4	264.6	1	Ci.	Cu.	5	Ci. ENE	Cu. WSW
6..	SW	SW	W	SW	SW	SW	57.3	101.6	103.3	65.5	327.7	6	Ci.-S. ENE	Cu.	6	Ci. NNE	Cu. WSW
7..	SW	SW	SW	WSW	W	SW	52.3	90.6	112	62.5	317.4	5	Ci.-S. ENE	Cu.	6	Ci. ENE	Cu. WSW
8..	SW	SW	WSW	WSW	SW	Cqlm	56	99.6	77.4	18.5	251.5	7	A.-Cu. SW	Cu.	9	Ci.-S.	cu.-N. WSW
9..	W	SSW	SW	SW	W	WSW	38.4	48.3	70.3	46.7	203.7	10	Ci.-S.	N. SSE	10	Ci.-S.	N. WSW
10..	SW	W	SW	SW	SW	SW	71.1	81.8	71	77.5	301.4	10	Ci.-S.	N. NW	10	Ci.-S.	N. WSW
11..	SW	SW	SW	W	SW	SW	72.9	88.8	84.5	58.5	304.7	10	Ci.-S.	N. WSW	10	Ci.-S.	Fr.-N.WSW
12..	SW	SW	SW	SSW	SW	SW	74.5	75.3	92.7	46.5	289	10	Ci.-S.	N. SW	9	Ci.-S.	cu.-N. WSW
13..	SW	SW	SSW	SSW	SW	SW	60	72.6	90.3	26.2	249.1	8	Ci.-S.	Fr.-cu. SW	9	Ci.-S.	cu.-N. SSW
14..	Calm	SSW	SW	SSW	SW	Calm	21.9	54.7	78.7	17.4	172.7	6	Ci.-S. ESE	Cu.	7	Ci. ESE	Cu. SSW
15..	SW	Calm	SW	SSW	NNE	N	32.7	22.2	43.5	27.2	125.6	8	Ci.-S. ESE	Cu.	4	Ci.-S. ENE	Cu.-N. SSE
16..	N	NNW	NNE	NE	Calm	NE	18.8	31.6	48.6	29	128	7	Ci.-S. E	Cu.	10	Ci.-S. E	Cu.-N.
17..	Calm	Calm	SW	SW	SW	Calm	15.5	31.9	38	21.5	106.9	7	Ci.-S. ENE	Cu.	10	Ci.-S.	N.
18..	SW	SW	WSW	W	WSW	SW	39.6	89	81.5	59.5	269.6	7	Ci.-S. NE	Cu.	10	Ci.-S.	N. NW
19..	SW	SW	SW	SW	SW	WSW	60.2	88.5	89.9	67.3	305.9	6	Ci.	Cu. W	9	Ci.-S.	Cu. W
20..	SW	SW	WSW	SW	SW	WSW	74.2	89.1	67.3	36.4	267	10	Ci.-S.	Cu. W	10	Ci.-S.	N. W
21..	W	SW	SW	SW	SW	SW	54.4	73.7	81.5	55.2	264.8	10	Ci.-S.	N. W	10	Ci.-S.	Cu.-N. W
22..	SW	SW	W	SW	SW	SW	77.2	114.1	71.6	49.4	312.3	7	Ci.-S.	Cu. W	8	Ci.-S.	Cu.-N. W
23..	SW	WSW	SW	SW	Calm	SW	83.9	99.8	57.9	54.5	296.1	6	Ci.-S.	Fr.-N. W	8	Ci.-S. NNE	cu.-N. WSW
24..	SW	SW	SW	SW	SW	SSW	51	110.7	121.7	87.4	370.8	5	Ci.	Cu. SW	4	Ci.	Fr.-cu. WSW
25..	SW	SW	SW	SSW	SW	SW	68.4	98	96.1	41	303.5	2	A.-Cu.	Cu. WSW	8	A.-Cu. W	Cu. WSW
26..	SW	SW	SW	SW	SW	SW	36.5	82.1	96.1	36.2	250.9	2	Ci.	Cu. WSW	8	A.-Cu. W	Cu. WSW
27..	SW	SW	W	SW	SW	Calm	35.4	75.6	75	15.5	201.5	3	A.-Cu. WSW	Cu.	8	Ci.-S.	cu.-N. WSW
28..	Calm	Calm	W	WSW	W	W	21.9	44.1	45.6	29.8	141.4	2	Ci.	Cu. WSW	9	Ci.-S.	cu.-N. WSW
29..	W	WSW	SW	SSW	SW	SW	40.8	65	74.8	37.2	217.8	5	A.-cu. WSW	Cu.	9	Ci.-S.	cu.-N. WSW
30..	SW	SW	SW	SW	SW	SW	46.1	83.9	97.2	52.1	279.3	8	A.-Cu. E	Cu. WSW	6	Ci.-S.	Cu. WSW
31..	SW	SW	WSW	SW	SW	SW	35.1	73.7	104.3	70	283.1	8	Ci.-S.	Cu. WSW	8	A.-Cu. E	Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	46.1	70.9	77.3	44.2	238.4	6.1	.....	.....	7.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,391.4	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.11	58.06	59.13	57.33	57.92	59.47	58.34	24.3	24.1	29.6	31.5	27.8	26.1	27.2	31.9	23.5	95	93	74	64	81	85	82	.....
2..	58.58	58.32	59.16	57.11	57.37	59.12	58.28	25.7	25.1	29.3	30.4	28.1	26	27.4	32.4	24.4	85	88	74	70	82	88	81.2	1.8
3..	57.44	57.23	58.06	56.07	56.06	57.28	57.02	25.8	25.1	28.8	30.6	27.8	26.5	27.4	30.8	25	88	92	80	72	81	88	83.5	4.8
4..	56.01	55.55	56.43	54.94	54.58	56.49	55.67	25.6	25.2	28.5	27.7	25	24.8	26.1	28.8	23.9	93	94	80	83	94	92	89.3	13
5..	54.40	54.05	55.18	53.25	52.99	54.70	54.10	24.6	25.4	26.4	27.8	26.1	25.3	25.9	27.8	23.8	92	93	84	88	86	89.3	21.1	
6..	53.67	54.09	55.60	53.95	54.95	56.70	54.83	24.9	24	25.6	27.5	27.2	25.7	25.8	27.8	23.8	88	94	95	82	84	94	89.5	10.5
7..	55.56	55.54	56.02	55.17	54.97	55.95	55.54	25.5	25.3	28.8	29.5	27.2	26.1	27.1	29.9	24.6	93	93	74	73	81	85	83.2	3.3
8..	55.14	55.24	55.49	54.12	54.72	55.97	55.11	25.9	25.6	28.8	30.6	27.8	26.6	27.6	31.1	25.1	85	87	75	67	82	89	80.8	.....
9..	55.88	56.03	56.48	55.36	56.20	57.09	56.17	26.2	26	29.7	30.1	28.8	27.1	28	32.1	25.5	90	90	75	76	78	85	82.3	.....
10..	56.49	56.54	57.33	55.79	56.36	58.12	56.77	26.4	26.1	30	30.8	28.1	26.7	28	31.3	25.9	90	91	74	72	84	86	82.8	1.8
11..	56.88	57.86	58.60	56.90	57.61	58.84	57.78	26.3	26	29.5	30.8	27.8	26.5	27.8	31.6	25.4	84	85	76	70	82	86	80.5	.....
12..	58.10	58.98	59.31	57.95	58.40	59.88	58.77	25.6	25.4	30	31.8	28.5	26.3	27.9	31.9	25.1	91	92	72	64	78	83	80	.....
13..	59.13	59.15	59.96	58.18	58.66	60.32	59.23	25.3	24.8	30.6	32.1	28.6	26.1	27.9	32.9	24.5	89	90	66	63	77	88	78.8	.....
14..	59.18	59.46	60.23	58.35	58.97	60.46	59.44	25.6	25.2	29.5	31.5	28	26.2	27.7	32	24.9	90	90	76	65	80	88	81.5	.....
15..	59.22	59.08	60.05	58.30	58.92	60.41	59.33	25.7	25.2	29.5	31	28.1	26.5	27.7	32	24.9	89	92	73	66	80	88	81.3	.8
16..	59.08	59.18	60.34	57.93	58.58	60.84	59.32	26	25.2	25.5	30	27.8	25.2	26.6	30.7	24.6	90	91	91	73	77	89	85.2	11.2
17..	59.74	60.10	60.77	58.01	58.48	60.47	59.60	24.3	24	30.7	32.5	28.8	25.7	27.7	32.8	23.8	94	95	67	59	76	90	80.2	.....
18..	59.30	60.06	60.60	58.10	59.31	60.89	59.71	25	24.6	30.8	32.8	28.6	26	28	33.2	24.3	91	92	66	58	73	89	78.2	.....
19..	59.92	60.08	60.41	58.82	59.37	60.49	59.85	25.1	24.8	31.2	27.8	27.6	25.5	27	32.8	24.7	93	93	63	81	83	91	84	5.1
20..	59.24	59.42	59.13	56.80	56.93	58.37	58.32	24.8	23.7	28.4	31	27.5	25.5	26.8	31.8	23.4	89	92	73	64	84	88	81.7	.....
21..	57.65	57.41	58.06	55.85	56.16	58.12	57.21	23.2	22	29.4	30.3	27.5	25.4	26.3	31.9	21.8	92	96	67	68	83	88	82.3	.3
22..	57.61	57.55	58.05	56.11	56.71	58.90	57.49	24.1	22.9	29.5	32.1	26.4	25.2	26.7	32.8	22.7	96	96	68	60	90	94	84	4.1
23..	57.75	57.84	58.33	56.64	57.50	59.07	57.86	24.3	23.6	30.3	31.9	28.5	26.2	27.5	32.3	23.4	93	95	71	64	78	90	81.8	.....
24..	58.28	58.78	59.96	58.68	58.92	60.42	59.17	24.9	23.7	29.5	28.4	27.5	25	26.5	31.3	23.7	93	95	73	77	84	94	86	.....
25..	60	60.24	61.31	58.86	59.31	60.90	60.10	23.9	23	30.1	31.8	28.7	27.7	27.5	32.2	22.7	94	96	72	68	78	84	82	2
26..	59.78	60.62	61.71	59.12	59.33	60.72	60.21	26.6	25.6	29.9	30.1	28.4	25.5	27.7	30.7	25.4	86	91	73	73	77	89	81.5	.....
27..	59.77	59.94	60.61	58.50	58.71	60.35	59.65	25.1	25	30.2	0.6	28.1	27.1	27.7	32.7	23.1	90	89	72	73	82	87	82.2	1.1
28..	59.09	59.01	59.10	56.68	57.22	57.99	58.18	26.2	24.4	30.3	32	28.5	26.5	28	32.4	24	90	93	68	60	75	87	78.8	5.8
29..	56.69	56.63	56.38	53.96	54.93	56.15	55.79	25.3	23.9	29.9	30.2	26.3	25.5	26.8	31.9	23.8	88	95	73	71	90	93	85	1.5
30..	55.15	55.13	55.92	54.01	54.28	55.78	55.04	25.2	24.7	29.1	29.3	27.4	26.7	27.1	29.4	24.6	89	91	78	75	87	90	85	4
Mean	57.76	57.91	58.59	56.69	57.15	58.68	57.80	25.2	24.7	29.3	30.5	27.8	26	27.2	31.4	24.2	90.3	92.1	74.4	69.8	81.6	88.5	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92.2

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	SW	SW	67	86.7	115.6	60	329.3	6	Ci.	Cu. WSW	3	Ci.	Fr.-Cu. WSW
2..	SW	SW	SW	SW	SW	SW	63.1	88.5	86.6	49.9	288.1	3	Ci. E	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
3..	SW	SW	WSW	SW	SW	SW	46.9	83.4	108.3	67.9	306.5	6	Ci. NE	Cu. WSW	8	Ci.-S.	Cu.-N. W
4..	SW	WSW	SW	SSW	SW	SSW	81.6	85.8	83.9	52.9	304.2	9	Ci.-S.	Cu. W	10	Ci.-S.	Cu.-N. WSW
5..	SW	SW	SW	SW	SW	SSW	96.4	104.6	105.6	126.6	433.2	10	Ci.-S.	Fr.-N.WSW	10	Ci.-S.	Fr.-N. WSW
6..	SW	SW	SSW	SSW	SW	SW	100.4	138.6	122.6	63.1	424.7	10	Ci.-S.	Fr.-N. W	10	Ci.-S.	Fr.-N. W
7..	SW	SW	SW	SW	SW	SW	80.8	104.6	155.9	123.3	464.6	4	A.-Cu.	Cu. WSW	8	Ci.-S.	Cu.-N. WSW
8..	SW	WSW	SW	SW	SW	SW	122	142.2	146.2	98.5	508.9	6	Ci. NE	Cu. WSW	6	Ci.	Cu. WSW
9..	SW	SW	SSW	SSW	SW	SW	73.5	107	121.7	92.2	394.4	7	Ci. ENE	Cu. WSW	7	Ci.	Cu.-N. WSW
10..	SW	SW	SW	SSW	SW	SW	87.9	120.7	122	82.3	412.9	8	Ci.-S. NE	Cu. WSW	7	Ci.	Cu. WSW
11..	SW	SW	SW	SSW	SW	SW	82.1	99.6	114.6	63	359.3	8	Ci.-S.	Cu.-N.WSW	9	Ci.-S.	Cu.-N. WSW
12..	SW	SW	SW	SW	SW	SW	60.6	89.1	102.4	56.9	309	9	Ci.-S. NE	Fr.-N.WSW	6	Ci.-S. NNE	Cu. WSW
13..	SW	SW	SW	WSW	SW	SW	53.7	76.4	85.9	67.4	283.4	7	Ci. NE	Cu. WSW	7	Ci.	Cu. WSW
14..	SW	WSW	SW	SW	SW	SW	58.7	77.2	86.3	58.9	281.1	7	Ci. E	Cu.	7	Ci. E	Cu. W
15..	SW	SW	SW	WSW	SW	SW	57.9	87.5	70.8	42.8	259	6	Ci. E	Cu.	8	Ci.	Cu.-N. WSW
16..	SW	SW	WSW	SW	SW	SW	38	56	65.5	40.8	200.3	5	Ci. NE	Cu. WSW	9	Ci.-S.	Cu.-N. WSW
17..	Calm	Calm	SW	SSW	S	SW	26.2	59	75.3	33.5	194	2	Ci.	Cu. WSW	3	Ci.	Cu. WSW
18..	SW	SW	SW	SW	SW	SW	27.1	66.3	82.6	27.9	203.9	1	Ci. E	Cu.	2	Ci.	Cu. WSW
19..	SW	SW	SW	SSW	W	SW	35.4	81.6	52.8	39.7	209.5	3	Ci.	Cu.	7	Ci.-S.	Cu.-N. WSW
20..	W	W	NW	NNE	Calm	N	62.6	35.1	37.5	30.8	166	8	Ci.-S. NNE	N.	6	Ci.-S. ENE	Cu.-N. WNW
21..	N	N	WSW	NE	WSW	W	23.3	34.6	47.5	53.7	159.1	5	Ci. E	Cu.	8	Ci.-S.	Cu.-N. WNW
22..	Calm	W	W	E	NW	Calm	23.9	32.8	46.5	23.3	126.5	3	Ci.	Cu.	4	Ci.	Cu.-N. WNW
23..	W	W	W	WSW	SW	Calm	34.4	43.1	67.8	19.3	164.6	1	Ci.	Cu.	6	Ci. NNE	Cu.-N. WSW
24..	Calm	Calm	SW	WSW	W	W	17.7	21.9	44.9	19.9	104.4	5	Ci. NE	Cu. WSW	9	Ci.-S. ENE	Cu.-N. WSW
25..	W	Calm	W	ENE	NE	ENE	17.1	29	59.5	34	139.6	1	Ci.	Cu. E	7	Ci.-S. ENE	Cu.-N. WSW
26..	NE	ENE	NE	NE	NE	Calm	32	36.7	43.5	23.9	136.1	5	Ci.	Cu.	7	Ci.-S. ENE	Cu.
27..	Calm	NNE	NE	NNE	N	N	17.5	79.1	65	36.8	198.4	2	Ci.	Cu.	4	Ci.	Cu. ENE
28..	N	Calm	NNE	NNE	N	N	27.4	87.4	108.1	56.9	279.8	1	Ci.	Cu.	6	Ci. E	Cu.
29..	Calm	NNW	NNW	WSW	WSW	WSW	26.2	29.5	54.1	32	141.8	6	Ci.-S. E	Cu. NNE	10	Ci.-S.	Fr.-N. NNW
30..	SW	WSW	SW	WSW	SW	SW	76.4	69.2	83.7	94.1	323.4	10	Ci.-S.	Fr.-N.WSW	10	Ci.-S.	Fr.-N. WNW
Mean	.....	.....	.....	.....	.....	.....	.....	53.9	75.1	85.4	55.7	270.2	5.5	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,106	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.69	54.51	56.33	54.53	54.12	55.38	54.93	26.2	26.4	28.7	28.3	27.6	27.4	27.4	28.9	25.5	87	86	78	80	81	82	82.3	.....
2..	54.18	54.55	54.77	53.03	52.89	54.90	54.05	27.1	27	28.7	29	27	26.6	27.6	29.9	26.3	83	83	76	76	83	83	80.7	3.1
3..	53.87	54.12	55.24	53.85	54.59	56.09	54.63	25.9	25.6	28.1	28.4	25.2	26	26.5	28.4	25	87	88	82	82	92	88	86.5	10.4
4..	55.80	57.24	58.06	57.08	57.89	59.29	57.56	25.6	25.7	29.4	30.5	27.6	25.4	27.4	30.8	25.2	87	88	72	72	86	93	83	5.1
5..	58.81	59.82	60.92	58.82	59.44	60.75	59.76	25.1	25	29.8	31.5	28.3	25.9	27.6	32.4	24.7	93	93	71	63	79	93	82	.....
6..	59.89	60.57	60.75	58.60	58.94	60.15	59.82	25	23.9	30.8	32.1	30.7	26.3	28.1	32.9	23.6	92	97	72	66	71	92	81.7	.....
7..	58.58	58.53	59.26	58.04	58.27	59.73	58.74	25.2	23.8	31.3	28.4	28.1	25.2	27	32.3	23.6	97	96	66	78	78	91	84.3	6.1
8..	58.79	58.88	59.76	58.40	59	60.07	59.15	25	23.9	29.3	30.3	25.5	24.2	26.4	32.1	23.7	88	96	76	75	92	93	86.7	.....
9..	59.09	59.31	60.41	58.08	58.63	59.57	59.18	24	23	30	31.3	28	27	27.2	32.3	22.4	93	96	71	66	82	85	82.2	.....
10..	58.57	58.84	60.15	57.96	58.24	59.28	58.84	25.3	23.1	28.3	28.8	25.9	25.7	26.2	28.9	22.9	85	95	76	74	88	89	84.5	.....
11..	58.59	58.48	59.72	57.56	57.89	59.27	58.58	26.2	25.9	29.5	30.6	27.6	24.5	27.4	30.8	23.4	84	79	68	65	75	87	76.3	.....
12..	58.35	58.58	59.71	57.62	58.04	59.12	58.57	23.1	21.7	28.9	29.3	27.1	26.5	26.1	31	21.4	90	95	71	72	74	76	79.7	.....
13..	58.60	58.50	58.43	56.76	57.07	58.35	57.95	23.9	22.7	28.2	30.2	27.4	25.4	26.3	31.1	22.6	91	90	69	59	68	78	75.8	.....
14..	57.06	56.99	57.68	55.16	54.99	55.75	56.27	23.8	23	27.9	30.3	26.6	25.5	26.2	30.8	22.8	88	92	74	66	82	89	81.8	.....
15..	54.33	54.15	55.26	52.68	52.38	53.84	53.77	25	25.2	25.8	25.2	24.2	23.4	24.8	25.9	23	90	89	90	91	92	91	90.5	3.8
16..	53.54	53.93	55.81	54	55.69	57.57	55.09	23.5	24.8	29.5	29.8	27.8	26.1	26.9	31.1	22.9	93	92	73	73	81	90	83.7	.5
17..	57.20	57.53	58.06	55.91	56.77	58.94	57.40	25.5	24.9	29.5	30.8	26.5	25.2	27.1	31.8	24.3	93	96	72	67	90	96	85.7	10.7
18..	57.70	57.64	58.37	56.19	56.41	58.13	57.41	24.9	24.6	29.6	31	28.4	25.8	27.4	32	23.9	96	96	72	67	80	93	84	.....
19..	57.17	58.07	58.92	56.26	57.16	58.84	57.74	25.5	25.3	31.3	31.7	27.5	25.5	27.8	32.9	25	94	95	67	66	84	94	83.3	.....
20..	57.65	57.69	58.65	56.49	56.90	57.98	57.56	25.1	24.7	28.8	29.8	27.5	25.7	26.9	31.4	24	95	97	76	77	88	94	87.8	5.8
21..	56.88	56.96	57.25	54.58	54.46	55.11	55.87	24.9	23.9	26.5	27.7	25.8	24.8	25.6	27.8	23.5	95	93	84	78	84	93	87.8	1.8
22..	54.28	54.79	56.71	54.90	55.94	57.65	55.71	25.9	25.6	26	29.5	27.3	26.1	26.7	29.8	24.1	88	89	91	70	85	89	85.3	.5
23..	57.63	58.78	59.90	57.84	58.40	60.13	58.78	25.4	25.5	30.1	31.4	28.3	24.7	27.6	32.1	24.2	92	93	69	63	77	93	81.2	.....
24..	59.19	59.47	60.32	57.98	58.57	59.72	59.21	24.1	23.9	30.7	31.7	28.8	25.5	27.4	32.5	23.5	96	96	67	67	82	93	83.5	.....
25..	59.04	59.37	59.95	57.78	59.20	60.63	59.33	24.8	24	30.8	32	29.2	27.5	28	33	23	92	97	66	66	81	87	81.5	.....
26..	59.78	60.59	61.71	60	60.82	61.71	60.77	26.9	26.8	29.8	29.6	27.8	26.7	27.9	30.8	26.5	90	90	78	77	79	84	83	6.3
27..	61.48	61.73	63.02	60.87	61.81	62.53	61.91	26.1	25.2	28.5	29.5	27.8	27.2	27.4	30	25	87	92	78	73	81	84	82.5	6.4
28..	61.38	61.44	62.70	60.29	60.82	62.12	61.46	26.6	26.1	30	30.5	28.2	27.1	28.1	31.4	25	87	90	70	69	79	84	79.8	15.3
29..	60.47	60.44	60.95	58.80	58.91	59.72	59.88	26.7	26.2	27.5	30.3	27.8	26.6	27.5	30.4	24.3	86	89	85	70	82	83	82.5	1.5
30..	59.68	59.83	60.47	58.50	58.61	60.45	59.59	26.5	26.1	29.5	31	28.3	27.1	28.1	31.7	25.7	87	91	78	74	83	88	83.5	25.7
31..	59.12	59.87	61.79	59.53	59.41	61.19	60.15	26.1	24.1	25.8	28.2	27	26.4	26.3	28.3	23.5	90	97	90	81	88	90	89.3	11
Mean	57.79	58.10	59.07	57.04	57.49	58.84	58.05	25.3	24.8	29	30	27.4	25.9	27.1	30.8	24	90.2	92.1	75.1	71.7	82.2	88.5	83.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SW	SW	SW	SW	118.5	111.5	109.2	143.5	482.7	10	Ci.-S.	N. WSW	10	Ci.-S.	cu.-N. WSW
2..	SW	SSW	SW	SSW	SSW	SSW	160.1	156.3	150.8	153.1	620.3	10	Ci.-S.	Fr.-N.WSW	10	Ci.-S.	Fr.-N. WSW
3..	S	SSW	SW	SSW	SW	SSW	134.7	132.8	133.4	113.7	514.6	10	Ci.-S.	Fr.-N.WSW	9	Ci.-S.	Fr.-N. WSW
4..	S	S	S	SSW	SW	SW	80	93.5	88	55.5	317	9	Ci.-S.	Fr.-N.WSW	9	Ci.-S.	Cu.-N. SW
5..	S	WSW	S	SW	S	S	39.4	61.8	67	29.6	197.8	7	Ci.-S.	Fr.-Cu. SW	6	Ci.-S. ENE	Cu. SW
6..	SW	Calm	E	SSW	N	Calm	20.7	29	43.5	15.3	108.5	4	Ci. NE	Cu.	6	Ci.	Cu. SW
7..	Calm	Calm	SW	WSW	W	Calm	21.2	37.2	47.2	22	127.6	4	Ci. E	Cu.	6	Ci.-S.	cu.-N. WSW
8..	NE	Calm	NE	SSW	NW	N	18	29.2	40.8	27.7	115.7	3	Ci. E	Cu.	9	Ci.-S.	cu.-N. WSW
9..	Calm	Calm	NE	NNE	N	N	16.6	49.4	60.2	50.2	176.4	2	Ci. E	Cu.	7	Ci.-S. E	Cu. WSW
10..	N	Calm	NE	N	Calm	N	22	52	48	38.6	160.6	4	Ci. E	Cu.	10	Ci.-S.	Cu.-N.WSW
11..	N	N	N	N	N	Calm	70.2	69.8	88.5	26.8	255.3	4	Ci. E	Cu.	7	Ci.-S. E	Cu. WSW
12..	Calm	Calm	N	NNE	N	N	18.2	51.7	100.8	56.9	227.6	1	Ci.	Cu.	8	Ci.-S.	N. NW
13..	Calm	Calm	N	N	NW	W	23.8	66.6	73.5	58.4	222.3	5	Ci. E	Cu.	9	Ci.-S.	Cu. NW
14..	W	W	W	SW	W	SW	31.9	62.8	84.8	78.7	258.2	8	Ci.-S. E	Cu. WNW	9	Ci.-S. E	Cu. WSW
15..	SW	WSW	SW	SW	SW	SSW	61.5	73.7	99.8	75	310	10	Ci.-S.	N. WSW	10	Ci.-S.	N. W
16..	S	S	SE	SE	S	Calm	59.8	86.7	78.6	39.1	264.2	10	Ci.-S.	N. SW	9	Ci.-S.	Cu.-N. SSW
17..	Calm	Calm	S	SE	SW	SE	18.2	27.2	52.1	29	126.5	10	Ci.-S.	Fr.-N. SSW	8	Ci.-S. NNE	Cu. SSW
18..	S	S	S	SSE	S	Calm	26.6	52.9	74.3	22.8	176.6	8	Ci.-S.	Fr.-N. SSW	4	Ci. NNE	Cu. SW
19..	S	SSW	SW	SW	SW	Calm	17.4	50.5	61.2	17.1	146.2	2	Ci.	Cu.	8	Ci.-S.	Cu. SW
20..	Calm	SW	SE	WSW	NE	Calm	17.2	27.9	36.2	20.7	102	9	Ci.-S.	N. SW	8	Ci.-S.	cu.-N. WNW
21..	N	NNW	W	SW	SW	SW	27.6	36.2	92	89.6	245.4	10	Ci.-S.	N. NNW	10	Ci.-S.	Fr.-N. NNW
22..	S	S	SSW	SSW	S	S	130.6	101.6	107.6	59.2	399	10	Ci.-S.	Fr.-N.WSW	9	Ci.-S.	Cu.-N. SW
23..	S	Calm	S	S	SW	SSW	36.7	56	73.8	23.5	190	7	Ci. NE	Cu. S	2	Ci. NE	Cu. SW
24..	SW	SSW	SW	WSW	N	Calm	27.2	43.5	45.4	19	135.1	1	Ci.	Cu.	6	Ci.	Cu.-N. SSW
25..	Calm	N	SW	SSE	NE	E	17.2	43.1	45.9	46.5	152.7	2	A.-Cu.SW	Cu.	4	Ci.	Cu. SW
26..	Calm	NE	NE	ENE	NE	N	26.8	59.7	88.3	71.8	246.6	3	Ci.	Cu. ESE	8	Ci.-S. ENE	Cu.-N. E
27..	N	N	N	NNE	NE	N	66.2	93.9	98	101.1	359.2	10	Ci.-S.	N. ENE	7	Ci.	Cu.-N. ENE
28..	NE	NNE	NE	NE	NE	N	91.5	103.6	96	94.1	385.2	3	Ci.	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
29..	NE	N	N	NE	N	N	78.7	75.9	98.5	86.3	339.4	10	Ci.-S.	N. ENE	6	A.-Cu. E	Cu. NE
30..	N	N	N	NE	NE	NE	70.8	70.3	77	69	287.1	5	Ci. SSW	Cu. E	4	Ci.	Cu.-N. ENE
31..	N	N	N	NE	N	N	75.4	75.6	70.2	48.3	269.5	10	Ci.-S.	N. ENE	9	Ci.-S.	Fr.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	52.4	67.2	78.4	57.5	255.5	6.5	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,919.3	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.18	60.16	61.02	59.04	59.17	60.61	60.03	26.1	25.9	29.5	30.8	27.8	26.6	27.8	31	25.5	90	88	71	65	80	84	79.7	.....
2..	59.58	59.73	60.60	58.46	58.78	60.34	59.58	25.7	25.3	30.1	30.8	28	26.7	27.8	30.8	25.2	87	88	73	72	79	82	80.2	1
3..	59.97	60.02	60.96	58.95	59.05	60.06	59.84	26.5	26.2	29	30.6	28.2	26.5	27.8	30.9	26	81	82	76	68	77	82	77.7	1.3
4..	59.23	59.17	60.66	59.04	59.27	60.06	59.57	26.2	26.4	28	30.3	27.8	26.4	27.5	30.7	25.9	82	82	81	70	79	85	79.8	3.6
5..	59.48	59.59	60.83	59	59.68	60.75	59.89	26.3	26.2	29.8	30.1	27.4	27.3	27.8	31.1	26	85	85	73	76	87	87	82.2	.....
6..	60.09	60.09	61.32	59.20	59.37	61.03	60.18	26.3	25.2	30.3	31.5	28.5	27.5	28.2	32.3	25.1	87	92	73	68	80	84	80.7	17
7..	60.13	60.42	61.40	59.57	59.63	60.92	60.34	26.1	26.5	27.4	28.4	26.9	26.5	27	29.4	24.8	87	86	87	84	90	92	87.7	43.3
8..	60.23	60.56	61.83	59.99	60.08	61.16	60.64	26.3	26	29	30.3	28	26.4	27.7	30.8	24.9	92	92	76	72	82	87	83.5	7.3
9..	60.66	60.89	61.92	59.80	60.02	60.93	60.70	26	25	25.5	29.7	27.8	26.9	26.8	30	24.7	88	92	91	72	79	80	83.7	15.3
10..	60.73	61.19	62.06	59.96	60.46	61.64	61.01	25.1	25	28.3	28.6	27.6	26.5	26.8	30	24.5	90	89	77	78	80	85	83.2	6.9
11..	60.76	61.24	62.18	59.95	60.36	61.71	61.03	25	24	26.3	28.1	30.3	27	27.4	27.6	30.4	24	90	85	74	64	77	82	78.7	18.8
12..	61.04	61.26	61.51	59.37	60.53	61.24	60.82	25.5	25.4	28.8	29.1	24.8	25.6	26.5	29.8	23.5	90	90	73	74	94	88	84.8	24.3
13..	60.23	61.14	62.61	60.38	60.56	61.57	61.08	26.7	26.3	27.6	28.1	27.5	26.5	27.1	29.3	24.5	82	84	87	86	84	89	85.3	8.6
14..	60.46	61.14	62.17	60.11	61.08	62.17	61.19	25	25.2	29.8	30.8	24.2	26.9	27.2	30.9	23.8	88	84	69	66	86	86	79.8	.8
15..	61.04	61.16	62.58	59.93	59.79	61.36	60.98	26.1	26	25.3	28	27.3	26.7	26.6	28.6	24.3	85	85	93	78	77	77	82.5	9.6
16..	60.31	60.54	61.74	59.57	59.49	60.77	60.40	26.5	26.4	26.8	28.3	26.4	25.1	26.6	29.2	24.7	78	81	80	77	86	92	82.3	10.5
17..	59.92	60.12	60.68	59.43	59.58	60.82	60.09	24.9	24.5	26.5	24.9	24.7	25.5	25.2	28.6	23.4	92	93	86	95	92	92	91.7	27.4
18..	59.97	60.08	61.51	59.65	59.89	60.94	60.34	25.6	25.7	28.2	28.6	26.5	25.5	26.7	29.2	24.7	79	76	68	75	79	78	75.8	.....
19..	60.02	60.52	61.42	59.62	59.79	61.14	60.42	24.6	24.4	27.5	28.4	27.1	25.3	26.2	30.1	23.2	83	82	75	73	75	83	78.5	.....
20..	60.34	61.24	62.31	60.27	60.45	61.58	61.03	25.2	25.1	27.8	29.4	27.2	25.7	26.7	29.8	24.9	83	83	77	70	77	86	79.3	.....
21..	60.49	60.77	61.71	60	60.09	60.83	60.65	25.3	25.2	28.2	27.3	26.3	25.7	26.3	28.3	24.2	85	83	77	84	86	88	83.8	9.1
22..	60.01	60.29	61.23	58.84	59.86	61.11	60.22	24.7	23.6	28.8	30.3	26.5	26.2	26.7	30.5	23.4	92	96	76	72	90	89	85.8	.....
23..	60.12	60.34	61.02	59.07	59.90	60.86	60.22	25.8	25.5	29.1	29.8	27.3	26.5	27.3	30.3	25	91	93	76	73	83	82	83	.....
24..	60.43	60.59	61.52	59.29	59.98	61.12	60.49	25.8	25	29.3	30.3	27.5	27	27.5	30.9	24.8	85	90	76	71	78	80	80	.....
25..	60.37	60.64	61.58	59.44	59.48	60.97	60.41	26.2	26	29.8	30	27.7	26.1	27.6	31.1	25.3	83	84	73	73	82	86	80.2	.....
26..	59.87	59.91	61.18	59.09	59.37	60.93	60.06	25.8	25.3	29.1	31	28	25.5	27.4	31.1	24.4	87	88	75	69	76	88	80.5	.....
27..	60.33	60.62	61.63	59.32	59.98	60.67	60.42	23.8	23.2	28.2	30.8	27.8	26.5	26.7	30.8	23	93	96	85	72	79	88	85.5	4.1
28..	59.87	60.29	61.35	59.21	59.63	60.44	60.13	25.3	24.7	24.5	26.8	26.4	26	25.6	27.6	24.2	93	89	87	92	90	89	90	14.2
29..	59.67	60.55	61.25	59.68	59.93	60.97	60.34	25.6	24.8	26.5	27.5	26.5	26.3	26.2	30.3	24.2	89	93	86	84	87	86	87.5	9.1
30..	59.97	60.16	61.44	59.44	59.86	61.72	60.43	25.8	25.1	26.3	27.1	26.5	25.5	26	27.4	24.4	88	92	90	84	86	91	88.5	32.8
Mean	60.18	60.48	61.51	59.49	59.84	61.01	60.42	25.7	25.4	28.1	29.3	27.1	26.3	27	30	24.6	86.8	87.4	78.7	75.2	82.6	85.6	82.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	265

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	N	N	NE	NNE	N	64.4	87.7	91.7	89.5	333.3	2	Ci.	Cu. ENE	2	Ci.	Cu. ENE
2..	N	N	NNE	NE	NE	NE	70.6	78.9	87.7	79.7	316.9	1	Ci.	Cu. ENE	2	.....	Cu. E
3..	N	N	N	NE	NE	N	79.9	98.8	115.3	100.8	394.8	2	.....	Cu.-N. ENE	2	.....	Cu. ENE
4..	N	NNE	N	NE	NE	N	78.6	85.5	93.1	58.9	316.1	3	.....	Cu. ENE	5	Ci.	Cu. ENE
5..	N	NNE	NNE	NE	NE	NE	66.8	75.6	70.8	68.1	281.3	2	Ci.	Cu. ENE	1	.....	Cu. ENE
6..	N	N	NNE	NE	NE	NE	64.6	75	81.3	81.9	302.8	2	Ci.	Cu. NE	2	.....	Cu. ENE
7..	N	N	NNE	NE	NE	N	73.2	73.4	77.7	73.2	297.5	8	Ci.	Fr.-N. ENE	4	A.-Cu.	Cu.-N. NE
8..	NE	NNE	NNE	NE	NE	NNE	80.2	93.1	93.3	83.5	350.1	7	Ci.	Cu.-N. ENE	2	Ci.	Cu. ENE
9..	N	NNE	N	NNE	NE	N	79.9	95.6	110.7	98.7	384.9	10	Ci.-S.	Fr.-N. ENE	4	Ci.	cu.-N. ENE
10..	NE	NNE	N	NNE	N	NNE	70.8	104.1	107.8	100 8	383.5	4	Ci.	Cu. ENE	8	Ci.-S.	cu.-N. ENE
11..	N	NNE	N	NE	NE	NNE	100.8	116.7	126.9	114.1	458.5	5	A.-Cu.	Cu.-N. ENE	2	Ci.-S.	Cu. ENE
12..	NE	NNE	NE	NNE	NE	NNE	62.2	113.8	136.2	104 3	416.5	7	Ci.	Fr.-Cu.ENE	7	Ci.-S. E	cu.-N. ENE
13..	N	NNE	NE	NE	NE	N	116.5	113.2	108.3	102.8	440.8	6	Ci.	Fr.-N. ENE	5	Ci.-S.	cu.-N. ENE
14..	N	NE	NE	NE	NE	N	87.1	91.5	94.3	69.2	342.1	1	Ci.	Cu. ENE	3	Ci.-S.	Cu. NE
15..	N	NE	NE	NNE	NE	NNE	79.7	114.1	108.6	101.1	403.5	6	Ci.	Fr.-N. ENE	6	A.-Cu. E	cu.-N. ENE
16..	N	NE	NE	NE	N	N	89.9	101.6	96.9	72.4	360.8	1	Ci.	Cu. ENE	6	A.-Cu. ENE	Cu.-N. NE
17..	N	N	N	N	NE	NNE	76.6	79.2	107	85.5	348.3	10	Ci.-S.	N. NE	10	Ci.-S.	N. NE
18..	N	NNE	NNE	NE	N	N	130.7	114.5	89.5	73.2	407.9	4	A.-Cu.	Cu. ENE	7	Ci.-S.	Cu. ENE
19..	N	NE	ENE	NE	NE	N	66.2	70	79.1	54.7	270	9	Ci.-S.	N. ENE	6	A.-Cu. E	cu.-N. ENE
20..	N	NNE	N	NE	NE	N	50.7	67.1	68.4	52.8	239	1	.....	Cu.	2	A.-Cu. E	Cu. ENE
21..	N	N	NNE	NNE	N	NE	48.8	59.2	54.7	44	206.7	2	Ci.	Cu. ENE	8	Ci.-S.	cu.-N. ENE
22..	NE	Calm	NE	NE	N	N	22.5	38.3	51.7	44.3	156.8	3	Ci.	Cu. ENE	3	A.-Cu. E	Cu. ENE
23..	N	N	N	NNE	ENE	N	37	48.3	51.7	34.3	171.3	7	Ci.-S.	Fr.-N. ENE	7	Ci.-S.	Cu. ENE
24..	N	N	N	NE	NE	NNE	31.7	50.4	71.6	69.7	223.4	6	Ci.	Cu. ENE	5	Ci. N	Cu. ENE
25..	N	NNE	N	NE	NE	N	48.8	60	68.2	47	224	4	A.-Cu. SE	Cu. ENE	8	A.-Cu. E	Cu. ENE
26..	N	N	N	NE	NNE	Calm	31.2	52.9	56.5	16.7	157.3	4	Ci.	Cu.-N. E	2	.....	Cu. ENE
27..	Calm	Calm	NE	NE	NNE	NE	5.8	33.5	60.7	40.4	140.4	1	.....	Cu.	1	.....	Cu. ENE
28..	N	N	N	NNE	N	NNE	68.7	79.1	56.8	62.6	266.6	4	Ci.	Cu. NE	8	Ci.-S. E	Cu.-N. NE
29..	N	N	N	NE	N	NNE	75.6	73.4	75	72.6	296.6	8	Ci.-S.	Cu.-N.ENE	8	Ci.-S.	N. ENE
30..	N	NNE	N	NNE	N	NE	66.8	87.1	83.4	77.4	314.7	8	Ci.-S.	Fr.-N. NE	8	Ci.-S.	Fr.-N. NE
Mean	.....	.....	.....	.....	.....	.....	67.5	81.1	85.8	72.5	306.9	4.6	.....	.....	4.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,206.4	.....	.....	.....	.....	.....	.....

LEGASPI, ALBAY.

[ϕ=13° 09′ N; λ=123° 45′ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.77 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.47	60.54	61.94	59.47	59.59	60.94	60.49	25.2	25.4	25.5	27	25.8	25.6	25.8	27.6	24.3	91	91	93	88	91	91	90.8	15.3
2..	59.65	60.27	61.11	59.44	59.77	60.92	60.19	25.1	24.9	28.9	30	26.5	26.2	26.9	30.8	24	90	87	70	71	86	87	81.8	.....
3..	60.18	60.26	61.62	59.15	59.54	60.64	60.23	25.9	25.6	28.4	28.8	26.3	26.1	26.8	30.2	24.9	87	88	70	74	84	82	80.8	.....
4..	60.16	60.68	62.02	59.36	59.72	60.72	60.44	25.9	25.7	24.3	25.3	25.6	26.2	25.5	26.4	23.8	78	77	86	89	92	88	85	22.9
5..	60.02	60.29	61.77	60.46	60.83	62.01	60.90	25.8	25.9	27	25.7	25.5	25.4	25.9	28.4	25	89	89	84	90	88	88	88	3.3
6..	61.43	61.74	62.86	61.15	61.38	62.47	61.84	25.3	24.7	28.5	26.7	26.4	25.8	26.2	28.9	24.6	85	83	65	83	76	78	78.3	.....
7..	61.72	62.18	63.09	60.88	61.12	62.02	61.84	25.3	25.1	27	28	26.4	25.4	26.2	28.6	24.6	80	81	74	70	70	77	75.3	.....
8..	60.92	61.65	63.08	61.12	61.45	62.33	61.76	24.9	24.7	27.9	29.2	26.1	25.2	26.3	30.4	23.9	77	75	65	60	77	83	72.8	.....
9..	61.07	61.23	62.02	59.85	60.47	61.19	60.97	24.8	24.5	27.8	29.5	26.5	26.1	26.5	29.6	24	83	83	70	68	80	80	77.3	.....
10..	60.97	61.03	61.81	59.90	60	60.62	60.72	25.2	24.9	28.4	30	27	26	26.9	30.3	24.3	83	84	72	67	79	85	78.3	2
11..	59.97	60.09	60.86	58.65	59.86	60.36	59.96	25.5	25.3	28.1	29.7	26	25.3	26.6	29.8	24.6	88	88	74	69	87	90	82.7	2.3
12..	58.68	59.58	60.89	58.72	59.64	60.22	59.62	25.2	25	26.9	27.6	26	25	26	28.6	24.2	90	90	80	78	85	91	85.7	19
13..	59.32	59.43	60.27	58.63	59.51	60.62	59.63	24.6	24.6	27.1	27.4	26.2	25	25.8	28.2	24.1	92	92	85	85	89	92	89.2	14.9
14..	59.85	60.23	61.41	59.08	59.49	60.59	60.11	24.5	25.7	26	28.8	26.8	26.2	26.3	29.4	24.2	95	92	96	83	86	88	90	10.7
15..	60.07	60.70	61.75	60.36	60.84	61.48	60.87	25.3	24.5	28.6	29.6	26.6	25.5	26.7	30	24.4	88	93	77	71	85	89	83.8	.5
16..	60.81	60.76	61.88	60.36	60.42	61.73	60.99	25.3	25.2	28.6	29.1	27	26.2	26.9	30	25	90	90	73	71	80	85	81.5	.8
17..	60.98	61.14	62.21	60.61	60.62	61.67	61.20	25.8	26.1	27.8	24.5	24.2	25	25.6	27.8	23.6	84	83	81	96	93	92	88.2	39.9
18..	61.35	61.78	62.93	60.61	60.58	62.07	61.55	25.3	25.2	27.8	27.4	26	25.5	26.2	29.2	24.4	93	87	77	78	80	80	82.5	.....
19..	61.30	61.58	62.61	60.95	61.53	62.41	61.73	25	24.8	27.4	27.9	26	25.8	26.2	28.1	23.7	78	78	75	75	82	82	78.3	3.3
20..	61.48	61.63	62.35	60.56	60.72	61.42	61.36	24.8	24.7	24.5	25.2	25.8	25.6	25.1	26.2	23	87	87	88	88	86	84	86.7	6
21..	60.87	60.98	61.67	59.40	59.58	60.52	60.50	25.3	25.4	27.6	27.9	26.2	24.9	26.2	28.8	24	84	84	75	74	84	86	81.2	.....
22..	59.79	59.77	60.83	58.48	58.91	59.37	59.52	25	24.7	27.4	28.7	25	24.6	25.9	30	23.9	84	84	76	72	83	83	80.3	.5
23..	58.42	58.62	59.19	57.50	58.08	58.71	58.42	24.5	22.7	27.1	29.5	26.8	25.5	26	30	22.6	82	87	63	61	76	80	74.8	.....
24..	57.61	57.58	58.27	56.19	55.89	55.63	56.86	25.7	25.9	28.6	27.8	26.1	26	26.7	29.8	24.9	79	79	70	77	83	82	78.3	29.5
25..	53.24	50.31	40.85	31.19	46.10	53.57	45.88	.....									.....							72.1
26..	54.31	57.37	58.75	57	58.06	59.64	57.52	.....									.....							54.6
27..	58.57	59.61	60.48	58.90	59.36	60.91	59.64	.....									.....							.....
28..	59.94	60.30	61.61	59.15	59.41	60.59	60.17	.....									.....							8.6
29..	59.91	60.23	61.52	59.60	60.48	61.57	60.55	.....									.....							7.3
30..	60.83	61.08	62.08	60.27	60.73	61.92	61.15	.....									.....							1
31..	61.14	61.38	63.17	61.18	60.79	61.91	61.60	.....									.....							6.1
Mean	59.84	60.13	60.87	58.65	59.50	60.67	59.94	25.2	25	27.4	28	26.1	25.6	26.2	29	24.2	85.7	85.5	76.6	76.6	83.4	85.1	82.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	320.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	NNE	NE	NE	N	N	67	81.3	61.8	61.8	271.9	9	Ci.-S.	Fr.-N. NE	9	Ci.-S.	Fr.-N. ENE
2..	NE	N	N	NNE	N	NNE	66.6	70.3	64.6	60	261.5	7	Ci.-S. ESE	Cu.	7	Ci.	E Cu. ENE
3..	N	N	NNE	NNE	N	N	96	120.4	97.7	77.5	391.6	2	Ci.	Cu. ENE	6	A.-Cu.	E Cu.-N. ENE
4..	N	N	NNE	N	N	NNE	89.5	79.2	116.1	111	395.8	10	Ci.-S.	Fr.-N. NE	10	Ci.-S.	Fr.-N. ENE
5..	N	NNE	NE	NNE	N	NNE	122.3	138.4	122.9	102.4	486	8	Ci.-S.	Fr.-N. ENE	10	Ci.-S.	Fr.-N. ENE
6..	N	NNE	NNE	N	NNE	N	81.1	113.7	109.1	87.9	391.8	3	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
7..	N	N	N	NNE	NNE	NE	69.2	93.5	100.6	103.5	366.8	1	Ci.	Cu. ENE	7	Ci.-S.	Cu.-N. NE
8..	N	N	NNE	N	N	N	84.7	80.7	81.8	80.8	328	3	A.-cu. NNE	Cu.	2	.....	Cu. NE
9..	N	N	N	N	NE	NE	61.2	91.7	100.3	81	334.2	2	Ci.	Cu. ENE	3	Ci.	Cu. ENE
10..	NE	NE	NNE	NE	NE	N	90.4	79.9	85	62	317.3	5	A.-Cu.	cu.-N. ENE	4	Ci.	E Cu. ENE
11..	N	N	NE	NNE	NNE	NE	64.2	73.7	76.2	68.9	283	6	Ci.	E Cu. NE	8	Ci.-S.	Cu.-N. ENE
12..	N	N	NE	N	N	N	70.5	72.1	83.1	78.6	304.3	7	A.-Cu.	E Cu. ENE	10	Ci.-S.	Cu.-N. ENE
13..	N	N	NNE	ENE	NE	NE	82.4	92.7	93	72.2	340.3	9	Ci.-S.	Fr.-N. ENE	9	Ci.-S.	Fr.-N. ENE
14..	N	NNE	NE	NE	NNE	NE	69	68.6	68.4	59.8	265.8	6	Ci.	Fr.-N. ENE	6	A.-Cu.	NNE Cu.-N. ENE
15..	N	NNE	N	NE	NE	N	65.7	79.7	93.9	69.5	308.8	7	Ci.	Fr.-N. ENE	3	.....	Cu. ENE
16..	N	NE	NE	NNE	NNE	NE	64.9	99.8	100.9	87.7	353.3	2	Ci.	Cu. ENE	3	.....	Fr.-cu. ENE
17..	N	N	N	NE	NE	NE	70.3	87.9	72.2	48.3	278.7	7	Ci.	Cu. ENE	10	Ci.-S.	N. ENE
18..	N	N	N	NE	NE	N	65.8	85.6	91.9	67.3	310.6	7	Ci.	SE Fr.-cu. ENE	8	Ci.-S.	Cu.-N. ENE
19..	N	N	N	NNE	N	N	62.8	81.3	80.2	82.1	306.4	4	Ci.	Cu. ENE	4	A.-Cu.	E Cu. ENE
20..	N	N	N	N	N	N	67.3	69.7	71.4	78.3	286.7	9	Ci.-S.	N. ENE	10	Ci.-S.	Fr.-N. ENE
21..	N	N	N	N	NE	N	75.8	90.9	85.5	49.4	301.6	8	Ci.-S.	E N. ENE	9	Ci.-S.	NNE Cu.-N. ENE
22..	N	N	N	N	N	N	61.5	86.1	98.2	78.3	324.1	9	Ci.-S.	N. NE	10	Ci.-S.	N. NE
23..	N	W	NNW	NW	WNW	W	62.6	52.3	96.6	64.9	276.4	9	Ci.-S.	N.	9	Ci.-S.	cu.-N. NNW
24..	NW	N	NW	NW	W	SW	71	72.6	58.2	56.5	258.3	10	Ci.-S.	N. NNW	9	Ci.-S.	cu.-N. NNW
25..	NW	NNW	NW	NE	E	E	158	[a]251.2	.....	.....	.....	10	Ci.-S.	N. N	10	Ci.-S.	N.
26..	NE	Calm	NE	NE	NE	Calm	.....	.....	85.8	28.2	.....	5	Ci.	Cu. SE	9	Ci.-S.	Cu.-N. SE
27..	Calm	Calm	NE	NE	NE	NE	2.6	31.6	73	36	143.2	1	Ci.	Cu. ESE	7	Ci.-S.	Cu.-N. SSE
28..	Calm	Calm	ENE	NE	NE	NE	5.8	44.1	101.4	85.6	236.9	1	.....	Cu.	6	Ci.-S.	Cu. NE
29..	NE	NE	NE	ENE	NE	NNE	84.7	54.4	89.8	54.9	283.8	10	Ci.-S.	N. NE	6	A.-Cu.	NNE Cu.
30..	NE	Calm	NE	NE	NE	NE	43.8	44.8	67.6	64.4	220.6	2	.....	Cu. E	2	Ci.	Cu. E
31..	NE	NE	NE	ENE	NE	NE	54.5	75.9	104.6	110.5	345.5	2	Ci.	Cu. ENE	10	Ci.-S.	Fr.-N. NE
Mean	.....	.....	.....	.....	.....	.....	71	85.5	87.7	72.3	309.4	5.8	.....	.....	7.2	.....	.....

NOTE: The temperature and relative humidity for the 25th to 31st are omitted as the thermometer-shelter was destroyed by a typhoon on December 25.

[a] 1 hour missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.19	60.49	61.51	59.41	59.81	61.16	60.43	22	23.3	23.8	25.3	24.2	23.9	23.8	25.6	21.3	96	88	89	84	85	88	88.3	30.7
2..	60.41	60.80	61.75	60.11	60.49	61.68	60.87	23.5	23.5	24.4	24.6	24.5	24.3	24.1	25.9	22.6	93	95	94	90	89	87	91.3	3.8
3..	60.78	60.96	62.30	60.33	60.50	62	61.14	24.6	24.7	24.7	25.2	24.7	23.9	24.6	26.4	22.4	81	76	87	81	86	88	83.2	14.7
4..	61.02	60.99	62.42	60.64	60.80	62.15	61.34	23.2	23	23	23.1	24.2	24.2	23.4	24.4	21.9	92	91	95	93	86	85	90.3	14.9
5..	61.23	61.49	62.70	60.63	60.61	61.60	61.38	23.9	22.6	23.9	24.9	24.4	24.3	24	25.4	22.1	85	93	78	73	79	78	81	2.5
6..	60.59	61.29	62.56	61.15	61.65	62.31	61.59	23.9	22.9	24.9	23.2	21.9	23.6	23.4	25.6	21.2	79	85	72	84	89	78	81.2	10.2
7..	60.50	60.74	62.39	60.64	61.39	63	61.44	22.9	24	23.2	23.8	23.8	23.4	23.5	24.6	21.5	86	81	84	82	79	81	82.2	11.2
8..	62.11	62.54	63.92	62.29	62.95	64.55	63.06	22.3	21.8	21.3	21.8	20.6	20.8	21.4	23.5	19.9	88	88	92	87	94	88	89.5	14.7
9..	63.06	63.12	64.58	62.44	62.76	63.87	63.30	21.8	21.5	21.2	23	21.7	21.7	21.8	23.2	19.8	76	76	82	68	78	77	76.2	5.3
10..	62.48	62.29	63.50	61.72	61.85	62.69	62.42	21.4	21.9	23	22.8	22.5	23.4	22.5	24	20.6	80	79	80	82	88	88	82.8	4.8
11..	61.89	62.31	63.16	61.24	61.34	62.44	62.06	23.4	22.3	24.1	23	23	23.1	23.2	24.4	21.6	87	90	82	90	91	92	88.7	15
12..	61.29	61.10	61.95	60	60.18	61.16	60.95	22.6	22.5	24.8	24.5	24.1	23.9	23.7	24.9	21.8	95	96	88	88	91	93	91.8	17.7
13..	60.40	60.37	61.34	60.16	59.95	61.17	60.56	23.2	23	24.4	22.5	22.9	23.1	23.2	24.7	21.8	92	92	90	97	93	94	93	52
14..	60.90	60.49	62	17 60.74	60.95	62.61	61.31	22.8	23.1	23	23.4	23.2	23.1	23.1	23.9	21.8	95	96	96	88	90	88	92.2	18.1
15..	61.50	61.87	63.26	62.06	62.16	63.10	62.32	22.9	22.9	23.3	22.2	23.2	22.2	22.8	24.5	21	86	83	82	92	84	90	86.2	1.8
16..	62.30	62.30	62.90	61.03	61.54	62.39	62.08	22.7	22.5	23.8	23.7	23.2	23.6	23.2	24.5	21.5	83	83	70	71	77	91	79.2	.....
17..	61.41	61.34	62.13	60.28	60.55	61.14	61.14	23.7	23.1	23.7	23.9	22.9	22.8	23.4	24.2	22	75	75	78	70	82	86	77.7	.....
18..	60.32	60.59	61.60	59.78	60.09	61.14	60.59	23.1	22.1	23.2	23.6	22.5	22.9	22.9	24.4	21.3	86	96	83	84	92	90	88.5	2
19..	60.01	59.79	60.98	59.22	59.73	61.22	60.16	22.4	23.2	23.2	24.2	24	23.3	23.4	24.5	22	91	84	97	91	91	94	91.3	22.4
20..	60.42	60.29	62.19	60.18	60.79	62.46	61.06	23	23.4	23.1	24.3	22.2	22.8	23.1	25.4	21.8	93	87	92	84	93	86	89.2	4.6
21..	61.20	61.25	62.38	60.25	60.81	61.99	61.31	22.9	23	24.3	24.8	23.7	23.4	23.7	25	21.9	82	79	74	70	74	76	75.8	.....
22..	60.82	60.89	62.78	60.78	61.29	62.97	61.59	23.3	23.4	24.2	24.4	23.6	23.5	23.7	24.8	22.3	75	75	67	69	74	72	72	.....
23..	61.69	60.91	61.99	59.90	59.98	61.51	61	23.1	23	24.1	24.4	23.7	22.6	23.5	24.9	22.4	71	70	68	71	77	85	73.7	2
24..	60.12	60.10	61.40	59.02	59.31	60.84	60.13	22.1	23	24.5	23.6	22.7	23.2	24.9	21.5	88	79	79	78	82	87	82.2	1.3
25..	59.70	59.71	61.21	59.75	59.95	61.52	60.31	23.8	23.5	23.6	24	23.6	22.4	23.5	24.4	20.9	76	76	75	71	73	80	75.2	1.3
26..	60.82	60.66	62.60	60.66	60.54	61.54	61.14	21.8	22.8	22	24	23.5	23.3	22.9	24.3	20.5	82	78	82	74	77	75	78	1.6
27..	60.61	60.55	61.97	59.79	59.95	61.39	60.71	23	23.1	23	23.6	22.4	23.4	23.1	24.2	21.4	72	71	74	71	82	77	74.5	1.3
28..	60.21	60.10	61.23	59.15	59.28	60.64	60.10	23.5	23.3	23.5	24	22.9	22.9	23.4	24.7	21.7	72	70	79	81	83	81	77.7	1.8
29..	59.89	59.60	61.30	59.66	59.81	60.97	60.20	23.1	23	23.1	24.2	23.8	23.6	23.5	24.8	21.6	78	74	74	71	72	77	74.3	.....
30..	60.10	59.38	60.70	58.83	59.07	60.97	59.84	23.2	23	23.1	23.7	23.5	22.7	23.2	25.2	22.4	83	88	92	87	89	94	88.8	2.3
31..	60.39	60.36	61.74	60.05	60.55	61.96	60.84	22.8	22.8	24.1	24.4	23.6	22.5	23.4	24.9	21.7	91	84	84	80	85	91	85.8	4.3
Mean	60.91	60.92	62.21	60.38	60.67	61.94	61.17	23	22.9	23.5	23.8	23.3	23.1	23.3	24.7	21.6	84.2	83.2	82.5	80.7	84	85.1	83.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	262.3

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	ENE	NNE	NE	NE	ENE	123.4	131.2	123.1	111.2	488.9	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NNE
2..	NE	NE	NE	NE	NE	NE	131.9	142.4	166	210.6	650.9	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NNE
3..	NE	NE	NNE	NE	ENE	ENE	201.4	191.8	199.2	196.8	789.2	7	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N. NNE
4..	E	NE	ENE	ENE	NE	ENE	161.4	131.3	115.7	126.9	535.3	10	Ci.-S.	N.	10	Ci.-S.	N.
5..	E	ENE	ENE	E	E	ENE	150	159.1	171.7	172.7	653.5	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NE
6..	ENE	NNE	NE	NE	NE	NE	178.6	180.2	197.1	213.2	769.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
7..	NNE	NE	NE	NE	NE	NE	220.4	213.8	236.7	253.9	924.8	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N.
8..	NE	NE	NE	NNE	NE	NEbyN	260.1	291.8	302.8	314.7	1,169.4	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
9..	NEbyE	NEbyN	NE	NE	NE	NEbyE	289.8	293.9	299.4	239.3	1,122.4	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
10..	NEbyE	NNE	NNE	NNE	NE	NE	240.8	226.7	204.5	180.2	852.2	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. NE
11..	NEbyN	NEbyN	NE	NE	NE	NE	172.4	141.9	150.3	115.4	580	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
12..	NE	EbyN	E	NNE	NE	N	91.1	87.1	107.5	112.5	398.2	10	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.-N. NNE
13..	NE	E	NNW	NE	NNW	N	128.9	81	93.9	131.5	435.3	10	Ci.-S.	N.	10	Ci.-S.	N.
14..	NNE	NNE	NE	NNE	NE	NNE	187.7	241.6	294.2	262.4	985.9	10	Ci.-S.	N.	10	Ci.-S.	N. NNE
15..	NEbyN	NEbyN	NEbyN	NNE	NE	NEbyN	253.4	245.6	230.3	219.9	949.2	10	Ci.-S.	Cu.-N. NbyE	10	Ci.-S.	Cu.-N. NNE
16..	NE	NE	NE	NEbyN	NNE	NNE	201.7	224.8	236.2	215.8	878.5	10	Ci.-S.	Cu.-N. NNE	10	A.-Cu.	Cu.-N. NNE
17..	NE	NEbyN	NNE	NEbyN	NE	NNE	203.2	218.2	237.6	197.1	856.1	8	Ci.-S.	Cu.-N. N	8	A.-Cu.	Cu.-N. NNE
18..	NE	NNE	N	N	NE	NNE	182.1	189.9	188.4	166.7	727.1	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
19..	NEbyN	N	N	NNW	N	NE	138.4	154.9	157.4	152.3	603	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
20..	N	NEbyN	NEbyN	NNE	NEbyN	NE	172.5	193.4	302.3	310.4	978.6	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. N
21..	NEbyN	NE	NEbyN	NEbyN	NE	NE	289.1	268.7	259.9	220.4	1,038.1	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
22..	NEbyN	NE	NEbyN	NE	NE	NE	223.7	238.9	235.1	243.6	941.3	8	A.-Cu.	Cu.	8	A.-Cu.	Cu.-N. NNE
23..	NE	NE	NE	NE	NE	NE	241	248.9	244.6	204.2	938.7	8	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
24..	NE	NE	NE	NE	NE	NE	215.6	206.8	218.8	219	860.2	8	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
25..	NE	NEbyN	NEbyN	NNE	NEbyN	NNE	258.5	302.7	302.2	284	1,147.4	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
26..	NNE	NEbyN	NEbyN	NEbyN	NEbyN	NE	291.1	270	261.7	249.7	1,072.5	10	Ci.-S.	Cu.-N. NNE	10	A.-Cu.	Cu.-N. NNE
27..	NE	NNE	NNE	NNE	N	N	254.8	259	241.4	232.5	987.7	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
28..	NE	NE	N	N	NNE	NE	217.4	206.6	208.6	197.1	829.7	10	A.-Cu	S.-Cu.	10	Ci.-S.	Cu.-N. NNE
29..	NE	NE	NE	NE	NE	NNE	209	220.6	179.4	132	741	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
30..	N	N	N	NE	NE	NE	134.4	176.4	159.8	150.2	620.8	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. N
31..	NE	NE	NE	NE	NE	NE	180	209	209.2	226.4	824.6	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	200.1	204.8	210.8	202	817.7	9.6	.....	.....	9.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25,349.6	.....	.....	.....	.....	.....	.....

ATIMONAN.

[$\phi = 14°\ 00'$ N; $\lambda = 121°\ 55'$ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	61.52	61.66	62.71	61.11	61.44	62.16	61.77	23.1	22.5	23.8	22.9	22.8	23.2	23	23.9	21.5	87	87	79	87	86	88	85.7	2.5
2..	60.89	60.97	62.24	60.15	60.54	61.31	61.02	24	24	24.8	25.4	24.4	24.1	24.4	25.9	22.7	86	87	83	84	86	87	85.5	9.9
3..	60.52	60.49	61.49	58.82	58.97	60.20	60.08	23.1	23.3	24	24.4	24.3	23.9	23.8	24.9	22.2	93	94	96	92	91	94	93.3	11
4..	59.39	59.46	60.38	58.35	58.07	59.13	59.13	23.7	23.7	25.8	26.3	25	23.1	24.6	27.4	22	95	95	88	90	91	90	91.5	1
5..	58.19	58.89	59.85	57.39	57.68	58.41	58.40	21.8	21	24.8	28	27.1	24.8	24.6	29	20.5	91	97	93	77	83	95	89.3	.....
6..	57.48	58.15	59.34	57.50	57.56	58.72	58.12	23	21.9	26.9	26.1	25	24.6	24.6	28.2	21	97	96	83	85	88	84	88.8	.....
7..	58.21	58.53	60.16	58.95	59.11	60.48	59.24	24.5	24.1	24	24.4	23.5	23.8	24	24.9	22.7	81	82	85	76	77	73	79	1.5
8..	59.80	60.14	61.79	60.34	60.18	61.61	60.64	23.8	22.9	23.1	24	24	23.1	23.5	24.3	21.4	72	77	77	75	74	82	76.2	8.1
9..	61.09	61.41	62.72	60.91	61.34	62.15	61.60	23	21.8	22.1	23.5	23.5	24.4	23	24.5	21.2	84	95	97	83	86	77	87	14.6
10..	61.29	61.30	61.73	60.95	61.47	62.30	61.51	22.8	23.6	24.2	22.8	22.7	22.2	23	24.4	21.5	87	81	79	89	89	92	86.2	18.5
11..	61.50	61.61	62.96	60.51	60.50	61.30	61.40	23.8	23.8	22.5	23.4	23.7	23.1	23.4	24	22	79	79	94	88	86	90	86	10.6
12..	60.19	60.31	61.79	60.25	60.69	61.44	60.78	23.3	23.4	23.3	23.1	23.4	23.2	23.3	23.9	22.3	90	90	93	94	91	92	91.7	22.6
13..	60.30	60.77	61.23	59.60	59.55	60.16	60.27	23	23.1	24.4	24.5	24.5	24.2	24	25.4	22.8	93	93	88	91	91	91	91.2	.....
14..	59.41	59.96	60.51	58.63	58.87	59.94	59.55	24.1	24	25.6	25.8	24.4	24.3	24.7	27.5	23.4	90	91	93	88	92	92	91	5.3
15..	59.39	59.68	60.75	58.46	58.84	60.63	59.62	24.1	23.9	24.3	26.3	25	24.6	24.7	27	23	91	92	93	86	88	92	90.3	1.8
16..	60.49	60.89	62.95	61.35	61.55	62.82	61.68	24.4	23.4	23.7	22.8	23.7	23.9	23.6	24.6	22.4	91	94	90	95	87	86	90.5	11.1
17..	61.89	62.44	64.08	61.74	62.10	63.76	62.67	23	22.6	24.1	24	23.3	23.5	23.4	24.4	21.6	87	89	79	79	80	80	82.3	.....
18..	62.81	62.70	63.76	61.74	62.10	63.87	62.83	23.5	23.2	22.9	23.6	22.7	22.2	23	24	20.5	80	81	76	66	81	82	77.7	8.1
19..	62.79	62.66	64.23	62.22	62.56	63.80	63.04	21.4	20.4	20.7	21.4	21.2	20.6	21	22.6	19.5	85	91	89	87	84	89	87.5	14
20..	62.88	63.05	64.41	62.16	62.19	63.26	62.99	20.9	21	22	21.8	21.8	22.5	21.7	22.9	19.5	86	86	80	80	80	77	81.5	.3
21..	61.90	62.66	64.28	61.85	61.87	62.90	62.58	22.7	21.6	23.8	24.2	22.7	22.8	23	24.9	20.7	78	87	72	71	88	87	80.5	.....
22..	61.92	62.67	64.35	62.59	62.29	63.64	62.91	22.6	22.5	21.3	21.4	23.6	22.9	22.4	23.7	20.6	87	87	94	89	74	76	84.5	6.8
23..	62.90	63.06	64.45	62.58	62.90	64.55	63.41	22.5	22.5	23.3	23.8	23.4	22	22.9	24.3	20.4	78	77	68	85	87	85	80	.5
24..	63.39	63.36	64.79	63.19	63.30	63.99	63.67	22.4	22.9	23.5	23.1	22.9	23	23	23.8	20.5	82	77	76	74	83	83	79.2	3.8
25..	62.91	63.07	64.15	62.36	63.75	63.39	63.27	23.1	22.3	22.5	23	22.5	22.9	22.7	23.8	21.5	81	88	94	92	98	95	91.3	18.4
26..	62.02	61.99	63.13	61.46	61.61	62.81	62.17	22.9	22.8	23.7	25	24.5	24.1	23.8	25.6	22.5	94	92	85	85	85	85	89.2	1.5
27..	62.01	62.72	63.85	61.97	61.86	63.26	62.61	23.4	23.4	24	25.2	24.6	24	24.1	26	22.8	87	88	86	80	82	83	84.3	.....
28..	62.01	62.25	63.11	61.18	61.60	62.86	62.17	23	23.7	25	25.6	24.7	23.8	24.3	26.4	22.5	88	88	80	77	82	86	83.5	.....
Mean	61.04	61.32	62.54	60.65	60.87	61.96	61.40	23.1	22.8	23.7	24.1	23.7	23.4	23.5	25.1	21.6	86.4	88	85.6	83.8	85.4	86.2	85.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	171.9

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	N	NE	NE	238.6	225	211	169.7	844.3	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
2..	NE	NE	NE	NE	NE	NNE	166	145.3	168.1	131.1	610.5	10	Ci.-S.	Cu.-N. ENE	10	A.-Cu.	Cu.-N. ENE
3..	NE	N	NE	NE	NE	N	117.7	97.4	141	67.9	424	10	Ci.-S.	N.	10	Ci.-S.	N.
4..	NW	N	N	NW	NW	W	47	56.9	111	43.1	258	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. NNW
5..	SW	SW	NE	N	Calm	SW	57.1	35.1	24.6	41.5	158.3	5	Ci.-S.	S.-Cu.	3	.....	Cu.-N.
6..	Calm	SW	NW	NNW	NNE	NE	52.3	48	124.1	88.8	313.2	7	A.-Cu.	S.-Cu.	7	.....	Cu. W
7..	NE	NE	NE	NE	NE	NE	147.2	172.7	214	201.7	735.6	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
8..	NE	NNE	NE	N	NE	NE	185.7	162.5	179.6	200.8	728.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. NNE
9..	NNE	NNE	NE	NE	NE	NNE	232.5	246.7	203.3	254.8	937.3	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
10..	NE	NNE	NNE	N	N	NNE	232.8	268.5	251.8	188.9	942	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
11..	N	N	N	N	N	NNE	242.7	233.8	288	249.2	1,013.7	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. N
12..	NE	NE	NNE	N	NNE	NNE	218	259.1	244	241.4	962.5	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
13..	NE	NE	NE	NE	NE	NE	153.6	135.6	144.6	89	522.8	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N.
14..	NE	N	N	NW	NW	N	88.8	73.4	143.5	118.1	423.8	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. N
15..	NW	N	N	NW	NW	N	121.7	116.9	123.4	96.4	458.4	10	Ci.-S.	Cu.-N. NNE	2	.....	Cu.-N.
16..	N	NW	NNE	NNE	NNE	NNE	142.7	168.9	259	277	847.6	10	Ci.-S.	N.	10	Ci.-S.	N.
17..	NNE	N	NNE	NEbyN	NNE	NE	260.5	276.2	285.4	258.8	1,080.9	10	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NNE
18..	NE	NE	N	NNE	N	NE	262.8	246.4	253.6	244.6	1,007.4	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
19..	NNE	NE	ENE	NNE	NE	NE	236.8	242.8	214	194.7	888.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NNE
20..	NNE	NNE	NE	NNE	NE	NNE	191.2	188.5	[a]96.4	154	630.1	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
21..	NE	E	NE	NE	N	N	157.5	158.3	166.3	141	623.1	10	Ci.-S.	S.-Cu.	9	Ci.-S. SSE	Cu.
22..	N	N	NE	NE	NE	NE	125	106.4	183.2	184.7	599.3	8	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
23..	NE	NE	NE	NE	NE	NE	155.8	215.9	237.8	195	804.5	9	Ci.-S.	Cu.-N. N	5	A.-Cu.	Cu.-N. NNE
24..	NE	NE	NNE	NE	NNE	NE	195.3	202.5	210	176	783.8	7	A.-Cu.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
25..	N	NE	N	NE	ENE	N	174	196.3	173	132.7	676	10	Ci.-S.	Cu.-N. NNE	10	Ci.-S.	Cu.-N. NNE
26..	NE	NE	NNE	NE	NE	NE	119.1	112.3	187.5	139.8	558.7	9	Ci.-S.	S.-Cu.	6	A.-Cu. NE	Cu.-N. NNE
27..	NE	N	NE	NE	NE	NE	133.3	137	152.8	138.4	561.5	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. NNE
28..	NNE	NE	NE	NE	NE	NE	154.3	146.7	181	160.1	642.1	10	Ci.-S.	Cu.-N.	3	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	164.6	167	184.7	163.5	679.9	9.2	.....	.....	8.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]19,036.3	.....	.....	.....	.....	.....	.....

[a] 3 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.49	61.61	62.60	61.22	61.50	62.76	61.86	23.9	23.8	24.6	25.2	23.9	24.1	24.2	26	23	84	83	78	78	91	89	83.8	0.5
2..	62	62.38	63.90	62.57	63.20	64.50	63.09	24.1	24.3	25	25.2	24.7	24.7	24.7	26	23.7	82	78	70	74	74	74	75.3	1.5
3..	64.21	64.39	65.53	63.65	63.60	64.83	64.37	24.2	24	25.1	25.3	24.5	24.2	24.6	26.1	23	77	79	73	76	75	78	76.3	.....
4..	63.59	63.66	64.36	62.26	62.39	63.43	63.28	24	23.9	23.4	24.5	24.8	24.3	24.2	25.9	22.6	81	81	89	87	83	86	84.5	.....
5..	62.18	62.46	63.48	61.89	61.90	62.88	62.46	24.2	24.3	25.6	25.4	25.1	25.6	25	26.7	23.8	86	86	79	76	82	82	81.8	1.5
6..	62.28	62.46	63.35	61.74	61.70	62.89	62.40	24.3	23	24.5	25.4	25.2	24.9	24.6	26.2	22.3	86	91	87	81	77	80	83.7	4
7..	61.68	61.80	62.73	60.93	60.81	62.19	61.69	23.4	23.3	25.6	25.9	24.5	24.6	24.6	26.7	22.1	90	89	78	76	83	83	83.2	.5
8..	60.79	60.70	61.59	59.40	59.27	60.56	60.38	24.1	23.5	23.7	23.6	24.2	23.3	23.7	24.6	22.6	86	89	87	93	90	90	89.2	56.4
9..	58.78	58.84	59.89	58.13	58.34	59.67	58.94	23.4	23.3	23.9	23.3	23.7	23.6	23.5	24.7	22	90	90	97	97	94	94	93.7	17.9
10..	58.48	58.81	60.09	58.46	58.83	60.18	59.14	22.8	23.4	24.7	24	23.7	23.7	23.7	25.2	22.2	97	95	92	89	93	92	93	10.4
11..	59.41	59.56	61.21	59.24	59.33	60.85	59.93	23.4	23.4	24.8	25.9	25.1	23.8	24.4	26.7	22.7	93	92	85	81	83	91	87.5	2.5
12..	59.23	59.87	61.14	59.22	59.39	60.71	59.93	23	23.7	24.4	25.6	24.5	23.1	24	26.2	22.6	97	92	84	80	87	96	89.3	1.6
13..	59.32	59.29	60.44	58.91	59.10	60.23	59.55	23.9	23.5	26.1	26.5	24	24	24.7	27.6	23	91	91	82	80	91	90	87.5	.....
14..	59.50	59.72	61.03	58.53	58.31	59.71	59.47	23.4	23.1	24.6	27.4	25.8	24.5	24.8	28	22.6	90	91	87	73	77	83	83.5	.5
15..	59.11	59.18	60.76	59.11	59.39	60.94	59.75	22.3	21	26.8	28	25.5	25.1	24.8	28.7	20.5	94	97	81	71	80	80	83.8	1.3
16..	60.69	60.88	61.94	60.62	60.80	62.08	61.17	24.1	23.5	24.2	24.6	24	23.8	24	26.4	22.3	85	86	85	86	81	81	84	5.8
17..	61.38	61.60	62.73	61.24	62.24	63.35	62.09	23.8	23.8	25.7	25.5	24.1	23.9	24.5	27	22.5	81	81	74	78	86	84	80.7	.....
18..	62.31	62.60	63.77	61.94	62.11	63.35	62.68	23.7	23.5	26	25.9	25.2	24.2	24.8	27	23	81	79	73	73	76	77	76.5	.....
19..	61.62	62.14	63.22	61.75	61.10	61.98	61.97	23.7	23.3	25.9	25.8	25.1	24.2	24.7	27.3	22.7	77	77	72	69	76	76	74.5	.....
20..	61.10	61.32	62.34	60.19	59.83	61.14	60.99	23.7	23.6	26.2	26.3	25.3	24.5	24.9	28.2	23.1	76	78	67	68	73	72	72.3	.....
21..	59.82	59.94	61.14	59.14	59.02	60.18	59.87	23.5	23.5	26	26.3	25.2	24.5	24.8	27.3	21.6	77	76	70	66	71	75	72.5	.....
22..	59.51	59.87	61.47	59.63	59.78	61.50	60.29	20.6	23.1	25.6	25.7	25.3	24.6	24.2	27.2	19.6	98	75	72	72	74	76	77.8	.....
23..	60.28	60.41	61.22	59.03	58.65	59.73	59.89	24	23.6	26	27.4	25.6	24.7	25.2	28.8	23.2	78	80	72	68	75	79	75.3	.....
24..	58.58	58.77	60.13	58.37	57.85	59.64	58.89	23.6	24.1	27.6	28.2	27.1	22.9	25.6	29.4	22	84	83	69	72	75	98	80.2	.....
25..	59.08	59.17	60.43	58.39	58.27	59.44	59.13	21.7	21	27.3	29.3	28	24.1	25.2	30.7	20.4	97	95	82	73	73	91	85.2	.....
26..	58.69	59.39	60.80	58.93	58.97	61.09	59.64	22.3	21.6	26.8	29.4	27.8	26.5	25.7	31.1	21.3	94	96	87	74	81	86	86.3	.....
27..	59.58	60.45	61.77	59.64	59.94	61.59	60.50	25.6	23	27.4	27.6	26.9	25.9	26.1	30.1	22.6	83	96	73	79	81	84	82.7	.....
28..	60.59	60.53	61.62	59.56	58.86	60.70	60.31	25.3	25.2	28.4	25.2	26.1	25.5	26.	29.8	24.4	84	83	75	94	83	85	84	7.6
29..	60.29	60.71	61.75	59.76	59.40	61.34	60.54	25.3	25.3	26.6	27.3	26	25.2	26	28.3	24.9	84	82	76	68	76	81	77.8	.....
30..	59.99	60.16	61.13	59.35	59.18	61.54	60.22	25	25	26.6	27.2	26.4	26.1	26	28.7	24.4	83	83	79	78	81	82	81	6.1
31..	60.69	60.79	61.60	59.77	59.82	61.98	60.78	25.6	25	25.2	25.2	25.8	23.7	25.1	26.4	23.5	84	88	86	89	86	98	88.5	11.9
Mean	60.25	60.76	61.91	60.08	60.09	61.51	60.81	23.7	23.5	25.6	26.1	25.3	24.4	24.8	27.4	22.6	86.1	85.9	79.4	78	80.9	84.3	82.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	130

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NNE	NNE	NE	NE	178.9	186.4	183.2	146.1	694.6	6	A.-Cu.	Cu.-N.NNE	10	Ci.-S.	Cu.-N. NNE
2..	NE	NE	NE	NE	NE	NNE	198.7	226.6	238.4	211.8	875.5	8	Ci.-S.	Cu.-N. N	5	Ci.-S.	Cu.-N. NNE
3..	NE	NNE	NE	NE	NE	NE	191.8	233.6	254.8	223.5	903.7	10	Ci.-S.	Cu.-N.NNE	5	.....	Cu.-N. NNE
4..	N	N	NE	NE	NE	NE	203.5	188.5	166.8	158.5	717.3	10	Ci.-S.	Cu.-N.NNE	10	Ci.-S.	Cu.-N. NNE
5..	NE	NE	NE	NE	NE	NE	154.9	173.2	189.9	195.7	713.7	7	Ci.-S.	Cu.-N.NNE	8	Ci.-S.	Cu.-N.
6..	NE	NE	NE	NE	NE	NE	199.5	161.2	226.1	211.6	798.4	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. NNE
7..	NE	NNE	ENE	NE	NE	NE	175.4	179.2	219.9	199.2	773.7	10	Ci.-S.	Cu.-N.	5	Ci.-S.	Cu.-N. NNE
8..	NE	NNE	N	N	N	NE	175.4	195.5	193.7	190.1	754.7	9	Ci.-S.	Cu.-N.NNE	10	Ci.-S.	Cu.-N. NNW
9..	N	NNE	N	N	N	NE	167.5	137.3	181	110.7	596.5	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. N
10..	N	N	NNW	N	NW	NW	120.9	135.5	184.5	177.6	618.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
11..	NW	N	NNE	N	NNE	N	200.9	173	202.1	190.9	766.9	10	Ci.-S.	Cu.-N. N	6	Ci.-S.	Cu.
12..	NE	N	NNE	NNE	N	NE	137.4	175.9	197.3	155.6	666.2	9	Ci.-S.	Cu.-N.NNE	4	Ci.-S.	Cu. NNE
13..	NNE	NW	N	NW	NNW	NW	85.9	77.2	170.1	148.2	481.4	4	Ci.-S.	Cu. NE	8	A.-Cu.	Cu. NW
14..	NNW	NW	NW	N	NW	NW	154.8	109.7	72.1	38.3	374.9	7	Ci.-S.	Cu.-N. NW	3	Ci.-S.	Cu.
15..	W	SW	N	NNW	NE	NE	55.8	38.4	116.7	152.8	363.7	2	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. NNE
16..	NE	N	N	N	NNE	NE	136.2	118.8	155.6	125.5	536.1	10	Ci.-S.	Cu.-N. NNE	8	Ci.-S.	Cu.-N. NNE
17..	ENE	ENE	NE	NNE	N	NE	103.2	100.8	180.6	144.3	528.9	8	A.-Cu.	Cu.-N. N	10	Ci.-S.	Cu.-N. NNE
18..	ENE	ENE	NE	NE	NE	NE	120.2	87.1	147.4	146.6	501.3	7	Ci.-S.	Cu.-N. NNE	8	A.-Cu.	Cu.
19..	E	NE	NE	NE	NE	NE	86.4	103.2	125.5	111.8	426.9	2	Ci.-Cu.	S.-Cu.	2	.....	Cu.-N.
20..	NNE	ENE	NE	NNE	NE	NE	96.9	100.1	111	103.2	411.2	7	A.-Cu.	Cu.-N. NNE	3	Ci.-S. E	Cu.
21..	NE	ENE	NE	NE	NE	E	95.5	115.6	167.3	93.3	471.7	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
22..	SW	N	N	NNE	NE	NE	44.5	119.7	160.7	121.3	446.2	5	A.-Cu.	S.-Cu.	3	Ci.-S.	Cu.-N. N
23..	NE	ENE	NE	N	NNE	N	[a]73.4	[a]76.4	106.4	76.4	332.6	6	Ci.-S.	Cu.	1	.....	Cu.-N.
24..	N	N	Calm	N	NW	SW	73.5	32.8	63.4	51.7	221.4	7	Ci.-S.	Cu. NNE	4	Ci.-S.	Cu. SSW
25..	SW	SW	NNW	NW	SW	SW	80.3	65.8	54.2	49.7	250	1	Ci.-S.	S.-Cu.	4	.....	Cu. S
26..	SW	SW	N	NW	N	N	75	48.3	90.1	99.6	313	1	Ci.-S.	S.-Cu.	3	.....	Cu.
27..	NE	Calm	N	N	NE	NE	28.4	61	196.8	125.5	411.7	7	Ci.-S.	Cu.	4	Ci.-S.	Cu.
28..	NE	NE	NE	NE	NE	NE	[b]39.6	58.7	179.9	132.4	410.6	7	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. NE
29..	NE	NE	NE	N	N	N	129.3	137.8	137.9	121.2	526.2	9	Ci.-S.	N. NNE	3	A.-Cu.	Cu.
30..	N	N	N	NE	NE	NE	113.8	134.7	146.7	166.5	561.7	7	Ci.-S.	Cu.-N.NNE	6	Ci.-S.	Cu.-N. ENE
31..	NE	NE	NE	N	NE	NE	167.1	160.1	174.9	151.5	653.6	9	A.-Cu.	N. NNE	10	Ci.-S.	Cu.-N. NNE
Mean	.....	.....	.....	.....	.....	.....	124.7	126.2	161.1	139.7	551.7	7	.....	.....	6.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]17,102.8	.....	.....	.....	.....	.....	.....

[a] 2 hours missing. [b] 3 hours missing. [c] 7 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	60.51	60.41	61.45	59.44	59.27	60.70	60.30	23	23.8	26.1	26.3	25.9	25.4	25.1	27.4	22.7	97	93	79	82	85	84	86.7	1.8
2	59.29	59.73	60.75	58.93	59	60.12	59.64	25.3	25.2	26.4	27.1	26.3	25.7	26	28.4	24.6	84	85	77	75	82	84	81.2	.....
3	59.09	59.38	60.22	58.68	58.60	60.10	59.34	25.3	25.4	26.6	27.2	26.3	25.8	26.1	27.9	24.8	84	80	77	72	74	76	77.2	.....
4	59.40	59.85	60.56	59.02	59.42	60.51	59.79	25.4	25	27.2	27.8	26.4	25.5	26.2	28.4	24.6	77	79	70	65	70	76	72.8	.....
5	59.60	59.69	60.92	59.21	59.12	60.64	59.86	25.2	25	26.9	27.6	26.2	25.5	26.1	28.2	24.6	77	79	68	69	76	80	74.8	.....
6	59.30	59.06	59.89	58.07	57.87	59.48	58.94	25.2	25.1	25.1	25.3	26.2	25.5	25.4	27.5	23.8	82	83	89	89	82	85	85	5.3
7	58.71	58.81	59.34	57.17	57.11	58.87	58.34	24.8	23.7	27.4	27.6	26.8	25.4	26	29.3	23.3	88	95	81	77	82	88	85.2	.....
8	58.38	58.57	59.43	57.71	57.80	59.23	58.52	23.3	21.5	28	30	27	25.9	26	30.6	21.1	89	98	74	68	78	82	81.7	.....
9	58.12	58.79	60.12	58.07	57.90	59.85	58.81	22.9	23.8	28.7	27.7	26.7	26.1	26	29.8	21.9	92	84	69	71	77	82	79.2	.....
10	58.99	59.10	60.14	57.61	58.24	59.87	58.99	26.1	26	27.6	28.7	27	26.1	26.9	30.3	25.2	82	84	76	74	79	82	79.5	.....
11	58.62	58.76	60	58.03	57.91	59.24	58.76	25.9	25.7	27.3	28	26.6	26.1	26.6	28.7	25.2	81	83	75	70	76	78	77.2	.....
12	57.59	57.70	58.39	56.54	56.34	57.41	57.33	25.9	25.9	27	28.4	26.5	26.2	26.6	29.4	25.4	78	79	73	64	76	78	74.7	.....
13	56.22	56.04	57.30	55.76	55.63	57.75	56.45	25.9	25.5	28	30.1	27.6	24.3	26.9	31.5	23.3	80	83	65	61	66	84	73.2	.....
14	57.09	57.36	57.74	55.93	56.41	58.23	57.13	23.1	23	28.5	30.9	28.5	26.8	26.8	32.3	22.4	93	94	75	63	74	81	80	.....
15	58.01	58.29	59.47	57.82	57.63	59.06	58.38	26.5	26.4	25.6	27.5	26.5	26.2	26.4	28.4	24.8	82	82	88	73	80	82	81.2	.5
16	58.20	59.14	59.98	58.54	58.50	59.82	59.03	25.9	25.6	27.9	28.2	26.5	26.1	26.7	29.6	25.3	80	81	72	76	78	82	78.2	.8
17	59.27	59.95	60.69	59.17	59.42	61.15	59.94	25.4	25.5	28.3	28.4	26.9	26.4	26.8	29.2	24.5	84	82	72	73	79	79	78.2	.....
18	60.33	60.69	61.64	59.99	60.72	62.15	60.92	25.8	25.5	27.8	28.6	26.9	26.4	26.8	30.2	25	79	78	69	66	77	76	74.2	.....
19	61.62	61.40	62.21	60.49	60.83	62.55	61.52	26	25.5	28.2	27.7	26.7	26	26.7	29	25.2	78	80	66	73	74	77	74.7	.....
20	61.28	61.33	62.14	60.38	60.69	62.05	61.31	26	25.8	27.7	27.9	26.6	26.1	26.7	28.8	25.1	79	78	71	65	72	74	73.2	.....
21	60.63	60.59	61.88	60.12	59.87	61.23	60.72	25.9	25.7	27.5	29.1	26.9	26.3	26.9	29.9	25.3	76	78	72	63	77	80	74.3	.....
22	59.37	59.43	60.69	58.61	59.27	60.11	59.58	26.1	25.9	28	29	27.7	22.9	26.7	30.8	21.8	79	81	75	75	83	92	80.8	23.4
23	59.12	59.79	60.94	59.32	59.47	61.69	60.06	25.3	25.8	28.4	28.4	27.7	27	27.1	30.6	21.7	93	84	77	81	86	86	84.5	.....
24	60.50	60.49	61.98	60.74	60.59	61.93	61.04	26.6	26.4	27.8	26.4	26.8	27.1	26.8	28.4	25	9	83	88	82	89	83	87	85.3	.....
25	61.05	61.22	62	06	60.02	59.74	60.87	60.83	26.7	26.4	27.8	28.2	27.6	26.9	27.3	29.7	25.5	86	90	82	77	84	85	84	.....
26	59.32	59.32	60.46	58.92	58.23	60.02	59.38	26.4	26.3	28.3	27.8	27.2	27	27.2	30.6	25.7	86	86	80	85	86	87	85	.....
27	58.75	58.50	59.49	57.47	57.40	59.38	58.50	25.1	24.9	27.5	29.3	28.1	25.1	26.7	30.6	24.2	95	88	81	79	85	94	87	4.3
28	58.30	58.20	59.11	57.43	57.82	59.85	58.45	24.8	24	28.3	30.4	28	27.1	27.1	31.4	23.1	92	98	82	72	77	81	83.7	.....
29	58.79	59.39	60.28	58.91	59.01	60	59.40	26.7	26.6	26.6	29.5	27.6	27	27.3	30.9	25.8	82	83	83	72	80	85	80.8	.....
30	59.25	59.55	60.17	58.87	58.64	60.43	59.48	26.8	26.8	29.8	29.3	27.5	27.2	27.9	31.1	26.3	83	82	73	79	81	82	80	.....
Mean	59.16	59.35	60.31	58.57	58.62	60.14	59.36	25.4	25.3	27.6	28.3	27	26	26.6	30	24.3	84	84.6	75.8	73.3	78.6	82.3	79.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	ENE	NW	NE	NNE	NE	NE	109.1	121.8	173.5	151.7	556.1	9	Ci.-S.	cu.-N. ENE	7	A.-Cu.	Cu.-N. NNE
2	N	NNE	NNE	N	N	N	127.1	158.7	184.7	153.1	623.6	8	Ci.-S.	cu.-N. NNE	5	Ci.	Cu.
3	NE	NE	NE	NNE	NE	NE	156.9	186.4	189.1	172	704.4	8	Ci.-S.	cu.-N. NNE	5	Ci.-S.	Cu.-N. N
4	NE	NE	NE	NE	NE	NE	137	146.1	206.8	145.9	635.8	2	Ci.-S.	Cu. NNE	1	.....	Cu.
5	ENE	NE	NE	NE	NE	NE	124.7	161.9	179.4	130.7	596.7	5	Ci.-S.	S.-Cu.	3	Ci.	Cu.
6	N	N	N	E	NNE	NE	134.7	139.2	118.5	127.7	520.1	8	A.-Cu.	Cu.-N. N	9	Ci.-S.	Cu.-N. NE
7	NE	W	NE	N	N	W	57.9	75.4	126	59	318.3	9	Ci.-S.	cu.-N. NNE	3	Ci.-S.	Cu. NNE
8	Calm	SW	N	NW	N	NE	49.1	33.6	110.8	81.5	275	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. NNE
9	SW	NE	NE	N	N	N	37.2	88.3	121.7	87.7	334.9	7	A.-Cu.	Cu. NNE	5	Ci.	Cu.
10	N	N	NW	NW	N	NNE	102.7	125.5	118.1	133.3	479.6	7	A.-Cu.	cu.-N. NNE	2	Ci.	Cu.
11	NNE	N	NNE	NE	NE	N	124.2	148.7	197.1	163.3	633.3	8	Ci.-S.	Cu.-N. N	7	Ci.-S.	Cu. N
12	N	N	NNE	N	N	NNW	177.2	195.7	193.7	178.4	745	10	Ci.-S.	Cu.-N. N	9	Ci.-S. S	Cu.
13	NNW	NW	NW	Calm	SE	SW	161.2	72.9	27.4	53.9	315.4	10	Ci.-S.	cu.-N. NNW	9	Ci.-S.	S.-Cu.
14	Calm	SW	E	E	Calm	NE	a11.1	37.5	40	105.4	194	8	A.-Cu.	M.-Cu.	8	Ci.-S.	Cu.
15	NE	NE	NE	N	N	NE	107.6	119.4	96.8	115.3	439.1	10	Ci.-S.	cu.-N. ENE	10	Ci.-S.	Cu.-N.
16	NE	NE	NE	N	N	N	103	101.7	148.2	123.7	476.6	10	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu. N
17	NE	NE	NE	NNE	NE	NE	91.4	100.1	150.9	133.9	476.3	8	A.-Cu.	Cu.-N.	5	A.-Cu.	Cu.-N. NNE
18	NE	NE	NE	N	NNE	NE	133.5	98.2	168.6	145.3	545.6	5	Ci.-Cu.	S.-Cu.	1	.....	Cu.
19	NE	NE	NE	NNE	NNE	NNE	138.2	141.6	179.2	139.5	598.5	5	Ci.-S.	Cu.-N. NE	1	.....	Cu.
20	N	NE	NE	N	NE	N	120.2	155.1	175.4	123.4	574.1	7	.....	cu.-N. NNE	1	.....	Cu.
21	NNE	N	N	N	N	NNE	127.3	148.2	150.3	130	555.8	1	.....	Cu.	4	Ci.-Cu. NNE	S.-Cu.
22	N	N	NW	NW	NE	S	117	104.4	121.7	72.7	415.8	5	Ci.-S.	Cu.-N. N	6	Ci.-S.	Cu.
23	N	ENE	Calm	NE	NE	NE	75	30.1	172.4	120.4	397.9	3	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.-N. NE
24	NE	NE	NE	N	NE	NE	93.3	119.3	148.7	118.1	479.4	8	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NNE
25	NE	NE	NE	NNE	NE	NE	98.7	110.8	140.6	122.6	472.7	10	Ci.-S.	Cu.-N. NE	10	Ci.-S.	Cu.-N. NNE
26	NE	N	N	N	N	NE	84.7	73.7	84	78.6	321	10	Ci.-S.	cu.-N. NNE	9	Ci.-S.	Cu.-N.
27	Calm	NW	NW	NW	N	SW	52.6	68.1	103.6	30.3	254.6	8	Ci.-S.	S.-Cu.	5	Ci.-S. WSW	Cu.
28	SW	SW	N	NW	N	NE	48.8	52.5	100.8	104.6	306.9	9	Ci.-S.	Cu.-N. SSE	3	Ci.-S. SW	Cu.
29	NE	N	N	NW	N	N	86.7	98.5	138.9	120.4	444.5	6	.....	Cu.-N. N	5	Ci.-Cu.	Cu.-N. NNE
30	NE	NE	NE	NNE	NE	NE	117.8	71.4	184	150.2	523.4	8	Ci.-S.	cu.-N. NNE	6	Ci.-S.	Cu.-N. ENE
Mean	.....	.....	.....	.....	.....	.....	103.5	109.5	141.7	119.1	473.8	7.3	.....	.....	5.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	a14,214.4	.....	.....	.....	.....	.....	.....

[a] 5 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.23	59.25	60.12	58.49	58.37	59.90	59.23	27	26.8	27	28.6	27.2	27.2	27.3	29.2	25.9	84	82	84	78	83	84	82.5	2.8
2..	58.55	58.64	59.57	57.82	57.75	59.40	58.62	26.7	26.5	28.4	28.9	27.6	24.6	27.1	29.9	24.1	86	87	78	72	79	92	82.3	1
3..	58.31	58.65	59.52	58.32	58.53	60	58.89	26	26.3	29.3	28.3	27.6	27.1	27.4	29.9	25.2	87	88	76	75	84	85	82.5	.....
4..	59.28	59.50	60.65	58.66	58.78	60.48	59.56	26.4	24.2	29	30.2	28.3	27.5	27.6	31.7	23.5	89	95	74	74	79	85	82.7	.5
5..	59.57	59.70	60.72	58.78	59.18	60.49	59.74	26.8	25	29.5	29.3	28.1	27.7	27.7	30.6	24.6	86	92	75	76	81	82	82	9.1
6..	58.93	59.01	60.02	57.68	57.98	59.78	58.90	27.1	27	28.5	29.2	28	27.6	27.9	30.1	26.5	84	83	81	72	81	84	80.8	.....
7..	58.58	58.64	59.40	57.21	57.20	58.27	58.22	26.7	26.5	28.8	29.4	27.9	27.4	27.8	31.1	25.6	90	88	76	78	82	85	83.2	.....
8..	57.33	57.10	58.28	56.47	56.34	57.75	57.21	27.1	27	29	30.4	28	27.6	28.2	32	26.5	86	86	78	74	85	83	82	.....
9..	56.55	56.65	57.93	55.87	56.51	58.79	57.05	25.3	25.3	28.3	29.6	29.6	26.5	27.4	31.7	24.3	94	93	80	78	74	89	84.7	.....
10..	57.49	57.65	59.12	57.43	57.90	59.85	58.24	25.4	25	26.5	27.4	27.5	25	26.1	29.2	24	95	96	90	84	87	96	91.3	12.4
11..	58.41	58.83	59.78	57.86	58.53	59.98	58.90	24.2	24	29	30.7	28.4	28	27.4	31.9	23.4	97	97	80	74	75	80	83.8	.8
12..	58.57	58.50	59.41	58.42	58.19	59.08	58.70	27.6	27.4	30.3	29.3	28.3	28	28.5	31.3	26.8	84	86	71	81	82	79	80.5	.....
13..	58.12	58.30	59.37	58.45	59.17	60.59	59	27.7	27.6	30.4	27.9	26.9	26.8	27.9	31.4	25.7	82	84	76	85	86	83	82.7	2.1
14..	59.52	59.93	60.43	59.22	59.31	60.68	59.85	25.7	24.3	28.8	29.4	27.9	27.8	27.3	30.4	23.8	93	95	76	78	85	84	85.2	.....
15..	59.72	60.24	60.56	58.67	58.47	59.93	59.60	27.4	27.4	29.4	30.4	28.5	28.1	28.5	31.2	26.7	81	85	74	69	79	82	78.3	.....
16..	58.90	59.20	59.41	57.47	57.38	58.57	58.49	27.2	24.7	29.7	30.4	28.6	27.9	28.1	31.2	23.8	81	93	67	68	74	80	77.2	.....
17..	57.51	57.65	58.26	56.64	57.03	58.82	57.65	27.4	27.1	29.8	30	27.3	24.8	27.7	31.7	24.7	81	79	72	73	87	95	81.2	31.5
18..	57.61	57.66	58.59	57.21	57.86	59.23	58.03	25.3	25.6	28.8	29.3	25.1	27.4	26.9	31.5	24.7	94	91	80	81	95	85	87.7	9.7
19..	58.01	58.72	59.05	57.50	57.29	58.88	58.24	25.6	24.5	29.4	30.8	28.7	27.9	27.8	31.4	24.2	96	97	76	71	80	83	83.8	.....
20..	58.49	58.44	59.37	57.46	57.37	58.83	58.33	27.9	27.8	30.4	30.5	28.9	27.9	28.9	32.4	27.3	83	83	73	63	75	79	76	.5
21..	57.50	57.99	58.93	57.25	57.23	58.88	57.96	27.1	24.5	30.2	31.4	29.4	27.8	28.4	32.4	24.1	78	92	69	66	70	73	74.7	.....
22..	57.91	58.37	59.18	57.59	57.16	58.77	58.16	24.6	23.2	30.1	32.3	30.1	25.2	27.6	33.2	22.6	87	94	62	59	64	89	75.8	.....
23..	57.98	58.40	58.90	56.61	56	57.59	57.58	24.3	23.5	30.3	32.6	30.1	26.4	27.9	33.8	23.1	92	97	74	58	64	82	77.8	.....
24..	57.01	57.43	58.21	55.87	55.78	57.20	56.92	25.2	24.6	29.9	32.4	30.3	28.1	28.4	33.7	24.1	90	94	74	60	64	74	76	.8
25..	56.61	56.91	58.11	56.25	56.07	58.14	57.02	25.5	23.4	30.9	32.4	30.1	28	28.4	34	22.9	82	90	61	63	65	77	73	.....
26..	57.31	57.32	58.21	56.73	57.41	58.53	57.58	26.4	24.8	31.6	33.2	29.6	26	28.6	34.4	24.3	86	93	60	54	77	93	77.2	8.9
27..	57.64	58.49	59.17	57.08	57.81	59.08	58.21	25.4	24.9	30.6	32.3	28.7	27	28.2	34.2	24.5	93	94	70	55	72	79	77.2	.....
28..	58.02	58.51	58.61	57.35	57.08	58.65	58.04	24.7	24.3	31.4	32.5	29.9	27	28.3	34.7	23.4	92	93	60	66	71	84	77.7	.....
29..	57.92	58.12	58.62	57.19	57.30	60.16	58.22	25.8	24.8	30.5	33.7	30.6	26	28.6	34.7	24.2	92	98	72	54	70	93	79.8	4.8
30..	58.72	59.43	59.77	58.02	58.17	59.74	58.98	24.5	23.9	29.8	30.4	29.5	27.3	27.6	31.8	23.4	96	98	76	72	77	85	84	.....
31..	59.10	59.79	59.30	58.09	58.12	59.84	59.04	25.8	24.5	29.8	30.9	29.6	28.9	28.2	32.1	24	89	84	76	69	69	70	76.2	.....
Mean	58.21	58.48	59.24	57.54	57.65	59.22	58.39	26.1	25.4	29.5	30.5	28.6	27.1	27.9	31.9	24.6	88.1	90.5	73.9	70.3	77.3	83.7	80.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	84.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	N	N	N	N	NE	118.1	134.1	176.8	145.1	574.1	9	A.-Cu.	ENE Cu.-N	NNE 3	.....	Cu.-N. N
2..	NE	NE	NE	N	NE	Calm	114.6	126	184	119.3	543.9	9	Ci.-S.	Cu.-N.	ENE 3	Ci. SW	Cu.-N. ENE
3..	E	NE	NE	N	NE	NE	83.5	90.3	138.4	124.4	436.6	6	Ci.-S.	Cu.-N.	NNE 10	Ci.-S.	Cu.-N. NNE
4..	NE	SW	NW	NW	N	NE	45.3	47.7	124.7	106.7	324.4	2	Ci.-S.	Cu.	5	Ci.-S.	Cu.
5..	N	Calm	NE	N	NE	NE	75.9	64.7	149.6	173.5	463.7	6	Ci.-S.	SW Cu.-N.	NNE 8	Ci.-S. WSW	Cu.-N. E
6..	NE	NE	NE	N	N	NE	142.2	124.1	151.4	135.7	553.4	4	Ci.-S.	Cu.-N.	E 7	Ci.-S.	Cu.-N. E
7..	NNE	N	N	NW	N	N	99.2	91.4	147.4	108.8	446.8	10	Ci.-S.	Cu.-N.	NE 3	Ci.-S.	Cu.-N. N
8..	N	N	N	NW	NW	N	72.6	79.1	118.8	75.4	345.9	6	Ci.-S.	Cu.-N.	8	Ci.-S. SW	Cu.-N. NNE
9..	W	SW	N	NE	Calm	SW	39.4	57.9	30.6	41.5	169.4	10	Ci.-S.	Cu.-N.	ESE 8	Ci.-S.	Cu.
10..	SW	SW	S	N	N	SW	45.4	45.9	33	35.1	159.4	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
11..	SW	SW	N	NW	N	N	61	46.2?	130.8	129	367	4	Ci.-S.	Cu.-N.	5	Ci.-S. WNW	Cu.
12..	NE	NE	E	NW	NW	NE	96.9	63	156.9	136.7	453.5	8	Ci.-S.	Cu.-N.	NE 9	Ci.-S. SW	Cu.-N. NE
13..	N	NE	NE	NNE	NE	NE	118.1	90.1	164.3	128.5	501	6	Ci.-S.	Cu.	N. NNE 10	Ci.-S.	Cu.-N.
14..	SW	SW	N	NNE	N	NE	56.5	54.4	109.7	109.4	330	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. NNE
15..	NE	NE	NE	N	N	NNE	89.6	84.7	121.3	100	395.6	7	Ci.-S.	SSW Cu.-N.	NNE 5	.....	Cu.-N. NE
16..	N	W	NE	N	N	NE	48.6	59.7	138.9	127.7	374.9	5	Ci.	Cu.-N.	NNE 2	.....	Cu.-N. NNE
17..	NE	NE	N	N	N	NW	90.3	52.9	115.9	93.5	352.6	5	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N. N
18..	NW	NW	NW	NW	SW	NE	89	99	113.2	80.3	381.5	8	Ci.-S.	Cu.-N.	N 8	Ci.-S.	Cu.-N. N
19..	Calm	SW	N	N	N	NE	41.6	38.8	114.3	104.6	299.3	8	A.-Cu.	Cu.	5	Ci.-S.	Cu.
20..	NNE	NE	Calm	N	N	NE	80.3	41.8	124.1	130.8	377	6	Ci.	Cu.	NNE 5	.....	Cu.
21..	NE	SW	NNE	NW	N	NE	73.4	49.7	108.1	86.4	317.6	1	.....	Cu.	5	Ci.	Cu.
22..	SW	SW	N	Calm	N	SW	59.2	30.6	32.7	66.6	189.1	7	Ci.	Cu.	1	.....	Cu.
23..	SW	SW	E	E	SW	SW	69.4	44.5	63.9	60.2	238	2	Ci.	Cu.	2	.....	Cu.
24..	SW	SW	Calm	SSW	SW	SW	74.5	38.1	60.7	62.8	236.1	6	A.-Cu.	Cu.	2	.....	Cu.
25..	SW	SW	NE	NE	SW	SW	74.3	50.7	64.7	56	245.7	5	Ci.-Cu.	Cu.	7	Ci.-S.	Cu.
26..	Calm	SW	SW	S	SW	SW	43.1	64.9	78.4	59.2	245.6	6	A.-Cu.	SW S.-Cu.	5	Ci.-S.	Cu.
27..	W	SW	SW	S	SW	Calm	22.5	55.5	68.2	54.7	200.9	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
28..	SW	SW	SW	NW	SW	SW	63.6	61	67.9	52.8	245.3	7	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. SW
29..	SW	SW	NE	SW	S	S	60	43.7	62.3	63.8	229.8	1	Ci.-S.	Fr.-Cu.	5	Ci.-S.	Cu.
30..	SW	SW	NE	NW	NW	Calm	62.6	40.8	63.3	41.6	208.3	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
31..	Calm	SW	Calm	NW	NE	NE	67	54.7	97.2	54.2	273.1	6	Ci.-S.	NNE Cu.	5	Ci.-S. NNE	Cu.
Mean	.....	.....	.....	.....	.....	.....	73.5	65.4	106.8	92.4	338	6.2	.....	.....	6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,479.5	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.98	59.85	60.38	58.97	59.08	60.13	59.56	27.9	27	30	30	29	28.6	28.8	31.7	24.9	74	78	75	78	75	75	75.8	.....
2..	58.50	59.09	59.70	58.45	57.98	59.54	58.88	26.3	28	29	26.5	27.1	27.3	27.4	30.9	23.5	82	81	74	84	86	78	80.8	6.3
3..	58.01	58.78	59.03	57.18	57.11	59.17	58.21	27	24.3	30	29.8	28.8	27.2	27.8	32.4	23.8	82	96	70	72	76	84	80	.....
4..	57.50	58.26	58.58	56.97	57.13	58.39	57.80	24.8	24.3	30.7	28.8	26.9	25.3	26.8	32.2	23.8	96	97	71	80	88	98	88.3	10.1
5..	57 02	56.99	57.46	55.59	56.40	57.30	56.79	24.9	26.6	29.4	31.2	26.5	24.8	27.2	31.7	24.6	98	91	79	71	86	95	86.7	9.4
6..	55.80	56.08	56.30	55.15	55.35	56.97	55.94	24.2	24.3	27.1	26.9	26.8	25	25.7	28.9	23.8	97	97	85	84	86	93	90.3	5.9
7..	56.48	56.77	57.57	56.20	56.93	59	57.16	24.4	23.8	29.3	30.5	28.1	26.9	27.2	32.1	23.4	95	97	72	63	72	79	79.7	.....
8..	58	58.62	59.22	58.17	58.59	60.58	58.86	26.2	25.7	30	30.8	25.1	24.8	27.1	32.6	24.3	83	86	66	65	86	88	79	6.6
9..	59.18	59.27	59.77	59.04	58.93	60.18	59.40	24.1	23.7	28.9	28.2	25.3	24.5	25.8	30.3	23.2	94	98	79	88	93	91	90.5	.8
10..	58.90	58.80	59.02	57.16	57.38	58.11	58.23	23.8	23.9	29.5	30.1	25.5	24.8	26.3	31.2	23.4	95	97	75	69	90	93	86.5	2.6
11..	57.08	57.28	57.81	56.71	56.63	58.50	57.34	24.5	24	28.4	27.9	26	25.3	26	30.6	23.5	92	96	77	78	78	82	83.8	.8
12..	57.72	58.22	58.30	57.39	57.39	59.43	58.08	24.8	23.6	31	31.5	28.8	26.8	27.8	32.7	23.2	84	92	69	65	76	83	78.2	.....
13..	58.62	58.66	59.28	58.24	58.67	59.93	58.90	25.3	24.1	31.8	33.4	29.4	25.9	28.3	34.2	23.8	89	95	66	51	70	90	76.8	.....
14..	59.38	59.49	59.73	58.17	58.66	59.67	59.18	24.7	24.2	30	29.2	29.4	27.2	27.4	32.7	23.9	96	98	79	73	75	86	84.5	.....
15..	59.09	59.46	59.05	58.01	58.42	59.80	58.97	25.9	24.2	29.9	28.6	26.9	26	26.9	31.8	23.9	88	97	77	85	90	96	88.8	28.4
16..	59.30	59.80	60.13	58.37	58.12	59.64	59.23	25.2	24.4	29.6	31.1	29.7	26.4	27.7	31.9	24	96	97	72	71	77	91	84	.....
17..	59.20	59.74	59.91	58.21	58.16	59.65	59.14	25.1	24.4	29.6	31.7	29.5	27.2	27.9	32.5	23.9	93	97	78	69	75	85	82.8	.....
18..	58.39	58.85	59.82	58.05	58.11	60.09	58.88	26.3	26.8	29.1	30.2	29.4	25.4	27.9	31.3	24.	89	86	78	73	79	97	83.7	2.8
19..	58.98	59.61	59.88	58.34	59	60.07	59.31	23.8	23.5	29.7	31.4	26.1	24.8	26.6	32.7	23.1	97	96	73	67	90	95	86.3	1.8
20..	59.49	59.68	60.06	58.45	58.44	59.99	59.35	24.6	24.6	29.2	31.2	26.8	26.6	27.2	32.4	24.1	95	96	78	68	86	86	84.8	.....
21..	58.22	59.10	59.57	57.81	57.83	59.09	58.60	24.8	24.1	28.6	28.4	26	25.3	26.2	31.4	23.9	95	99	77	83	93	93	90	9.9
22..	58.20	58.10	58.93	57.34	57.33	58.71	58.10	24.4	24	28.1	27.5	27.9	25.6	26.2	28.8	23.7	97	97	81	82	82	94	88.8	9.6
23..	57.51	57.88	58.56	56.97	57.18	58.89	57.83	24.1	23.6	29.1	30.2	28.5	25.7	26.9	32.8	23.2	99	98	81	75	82	88	87.2	.....
24.	58.12	58.22	57.80	56.27	56.43	58.09	57.49	24.6	23.3	29.7	31.5	26.7	25.2	26.8	32.4	22.9	93	97	74	70	88	93	85.8	1
25..	57.08	57.23	57.16	55.95	55.72	56.93	56.68	24.1	23.4	30.7	32.3	30.2	26	27.8	33.3	23.2	97	97	74	57	70	87	80.3	.....
26..	55.11	55.05	56.02	55.94	54.56	55.46	55.3	24.6	24.4	29.4	25.7	26.6	24.4	25.8	29.8	23.6	95	95	79	93	83	96	90.2	27.7
27..	52.78	52.30	53.04	50.71	49.91	50.94	51.61	24	24	24.6	27.4	25.9	25.5	25.2	28.7	23.6	96	96	96	81	89	93	91.8	50.6
28..	48.66	48.18	48.25	47.52	46.71	48	47.89	25.9	26.2	24.9	24.2	25.2	25.2	25.3	26.6	23.2	88	86	89	90	92	83	88	109.3
29..	46.56	46.84	48.46	48.31	49.43	52.37	48.66	25	25	24.6	25.4	25.4	25.2	25.1	25.7	23.6	92	92	91	82	87	82	87.7	16.1
30..	52.11	52.74	54.59	54.21	54.35	56.65	54.11	25.5	25.6	27.6	29	27.4	25.5	26.8	29.9	24.2	86	88	80	74	81	90	83.2	.....
Mean	57	57.30	57.78	56.46	56.53	58.04	57.18	25	24.6	29	29.4	27.4	25.8	26.9	31.2	23.7	91.8	93.8	77.2	74.7	82.7	88.8	84.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	299.7

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NW	NW	NE	N	NE	61.2	75.6	97.1	93.6	327.5	8	Ci.-S.	Cu.	8	Ci.-S.	Cu.
2..	W	N	N	NE	N	N	55	?104.9	80	76.1	316	6	Ci.-S. NE	Cu.	9	Ci.-S.	Cu.-N.
3..	NE	SW	Calm	NNE	N	NW	65.8	24.4	118.9	106.4	315.5	7	Ci.-S.	Cu.	9	Ci.-S.	cu.-N. NNE
4..	SW	SW	E	NW	E	Calm	50.7	43.2	115.3	31.7	240.9	5	Ci.-S.	Cu.	9	Ci.-S.	cu.-N. NNE
5..	SW	NW	NE	NW	Calm	SW	62.3	87.9	64.1	48	262.3	7	Ci.-S.	cu.-N.NNE	7	Ci.-S.	SSE Cu.
6..	SW	SW	NW	N	Calm	SW	56.9	59.5	49.1	38	203.5	7	Ci.-S. E	Cu.-N.	10	Ci.-S.	Cu.-N.
7..	SW	SW	SSW	S	SE	SSE	44.1	56.1	82.7	64.7	247.6	8	Ci.-S.	Cu. ESE	7	Ci.-S.	cu.-N. ESE
8..	SSW	SE	S	S	SSW	SW	43.2	51.5	66.6	57.3	218.6	3	Ci.	Cu. SSE	6	Ci.-S.	Cu.
9..	SW	SW	Calm	Calm	SW	SW	62.8	[a]20.9	.....	60.6	[b]144.3	9	A.-Cu. E	Cu.-N.	8	Ci.-S.	Cu.-N.
10..	SW	SW	E	Calm	SW	SW	66	40.8	37	80.3	224.1	9	A.-Cu.	cu.-N.ENE	8	Ci.-S.	S.-Cu.
11..	SW	SW	SW	SSW	SW	Calm	65.5	61.2	90.3	48.3	265.3	10	Ci.-S.	Cu.-N.	9	Ci.-S.	cu.-N. SSW
12..	Calm	SW	ESE	SW	S	S	34.3	42.9	74.3	33.5	185	5	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.-N.
13..	SW	SW	SSW	SSE	SW	SW	37	43.5	70.8	49.9	201.2	5	Ci.-Cu.	Cu.	3	Ci.-S.	Cu. SSE
14..	SW	SW	E	SW	NNE	SW	69.2	47	54.9	40	211.1	7	Ci.-S.	Fr.-Cu.	9	Ci.-S.	Cu.
15..	Calm	SW	NW	NW	W	SW	28.5	56.1	82.9	45.1	212.6	3	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. N
16..	W	SW	N	NW	E	SW	55.8	64.4	86.4	45.3	251.9	8	Ci.-S.	Cu.-N.	4	Ci.-S.	cu.-N. NNE
17..	SW	SW	NE	NNW	N	Calm	70.2	44.5	72.9	66.8	254.4	9	Ci.-S.	S.-Cu.	8	Ci.-S.	cu.-N. NNE
18..	NW	N	NNW	N	NNE	SW	69.2	48.6	105.2	59.5	282.5	8	Ci.-S.	cu.-N. NE	8	Ci.-S.	Cu.
19..	SW	SW	NE	NW	Calm	Calm	76.6	37.5	94.4	27.9	236.4	7	Ci.-S.	Fr.-Cu.	7	Ci.-S.	Cu.
20..	W	SW	NE	N	WNW	W	47	37.5	71.4	51.3	207.2	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.
21..	SW	SW	NE	NNW	N	SW	59.2	44.3	91.2	42.4	237.1	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. N
22..	SW	SW	Calm	Calm	Calm	S	53.4	38.4	19.5	52.9	164.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
23..	SW	SW	NE	SE	ENE	SW	77	35.4	48.8	59	220.2	8	Ci.-S. NW	Cu.-N.	7	A.-Cu. ESE	Cu.
24..	SW	SW	NE	NW	SW	SW	60	47	80.2	69.4	256.6	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
25..	SW	SW	NE	NE	NE	SW	82.3	49.7	57.7	63.9	253.6	5	Ci.-S.	Cu.	8	Ci.-S.	ENE Cu.
26..	SW	SW	NW	NE	WNW	SW	85.	73.8	89.5	79.2	327.5	9	Ci.-S.	Cu.-N. N	10	Ci.-S.	cu.-N. NNE
27..	SW	WSW	WSW	WSW	WSW	W	83.7	74.3	106.8	96.4	361.2	10	Ci.-S.	S.-Cu.	10	Ci.-S.	cu.-N. NNW
28..	SW	WSW	WSW	W	WSW	WSW	151.9	231.5	207.3	161.9	752.6	10	Ci.-S.	N. WSW	10	Ci.-S.	cu.-N. WSW
29..	WSW	SSW	swbyw	WSW	WSW	WSW	163.6	180	217.2	99.8	660.6	10	Ci.-S.	cu.-N. SSW	10	Ci.-S.	N. SW
30..	SW	SW	SW	SSW	Calm	W	60.6	81.8	93.3	30.4	266.1	8	Ci.-S.	Fr.-Cu.	10	Ci.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	66.6	63.5	87.1	62.7	276.9	7.3	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,307.6	.....	.....	.....	.....	.....	.....

[a] 3 hours missing.

[b] 9 hours missing.

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.21	56.52	57.79	57.22	57.33	59.12	57.36	25.1	26.7	30	30.5	28.5	25.8	27.8	31.7	24.8	92	83	69	68	77	92	80.2	.....
2..	58.40	58.67	58.56	57.56	57.81	59.25	58.38	24.4	23.6	30.4	31.6	28.1	25.7	27.3	33	23.3	97	97	79	65	82	95	85.8	.....
3..	58.15	58.07	58.07	56.57	56.76	58.83	57.74	24.7	24	29.6	32.3	27.8	23.4	27	33.3	23.1	97	97	73	62	79	95	83.8	32.5
4..	56.69	56.62	56.53	55.16	54.59	56.24	55.97	23.2	23.1	29	30.7	29.1	26.7	27	31.1	22.8	96	96	74	65	81	86	83	2.5
5..	55.10	54.66	55.40	54.09	53.60	54.75	54.60	24.9	24.3	27.3	27.5	26.1	25.6	26	27.8	23.8	96	97	85	78	87	88	88.5	.5
6..	53.51	53.40	54.17	53.47	53.64	55.54	53.96	24.8	23.9	29.4	28.5	26	25.5	26.4	31	23.4	92	96	74	77	88	90	86.2	3.1
7..	54.90	55.54	56.36	55.63	55.94	57.87	56.04	24.2	23.4	29.5	29	28.2	26	26.7	31.5	23.1	94	97	72	74	76	84	82.8	.....
8..	56.65	56.82	57.57	56.22	55.98	56.68	56.65	25.4	24.7	28.6	28.5	27	26.3	26.8	29.8	24.4	88	94	70	68	78	74	78.7	.....
9..	55.30	55.50	56.21	54.37	54.60	55.41	55.23	26.8	26.6	29.4	28	26.1	24.7	26.9	30.1	24.6	74	75	68	77	79	86	76.5	7.6
10..	54.18	54.24	55.32	54.29	54.07	55.10	54.53	25.1	25.5	25.9	26.5	26	25	25.7	27.1	24.2	83	84	91	88	88	93	87.8	7.9
11..	54.09	54.83	55.08	54.85	54.40	56.29	54.92	24.7	24.3	28.7	27.8	28	25.9	26.6	29.6	23.8	93	91	78	79	70	81	82	1.5
12..	55.41	55.67	56.87	55.99	56.16	57.75	56.31	23.6	23.8	30.6	31.4	29	26	27.4	32.8	23.3	94	93	66	53	67	81	75.7	.....
13..	56.71	56.94	57.12	55.79	55.52	57.09	56.53	26.2	26.5	30.1	31	29.8	27.8	28.6	32.2	25	79	79	66	63	65	74	71	.....
14..	55.59	55.61	56.63	55.55	55.61	56.42	55.90	27.4	27.1	30.1	29.4	28.7	27.6	28.4	31.5	26.8	76	76	64	72	69	73	71.7	.3
15..	55.21	55.95	56.88	54.94	55.44	56.44	55.81	27.4	26.9	29.6	31.2	28.4	27.2	28.4	31.7	26.4	73	75	69	60	74	77	71.3	.....
16..	55.61	56.22	57.16	55.95	56.49	57.49	56.49	27	26.9	30	31.2	29.4	28	28.8	32.3	26.4	75	74	64	60	62	69	67.3	.....
17..	56.29	57.02	57.41	56.29	57.03	58.48	57.09	27.2	26.3	30	32.5	30	28.2	29	33.2	25.8	73	74	62	53	64	70	66	.....
18..	56.79	57.44	57.56	56.04	56.58	57.59	57	27.2	26.5	30.2	31.8	29.6	27.9	28.9	32.6	26.1	75	80	59	56	66	69	67.5	.....
19..	56.50	57.40	58.01	56.41	56.16	57.99	57.08	27	26.5	30.5	32.5	30.9	27.6	29.2	33.1	26.2	74	76	59	55	54	70	64.7	.....
20..	56.80	57.05	57.97	56.34	56.75	58.18	57.18	26.8	26.5	30	31.8	29.7	26.8	28.6	32.6	26.1	75	78	59	53	61	74	66.7	.....
21..	57.61	57.54	57.57	55.93	56.23	57.44	57.05	25.8	25.8	31	32.5	29.4	27.6	28.7	33.4	25.2	74	73	53	58	57	66	63.5	.....
22..	56.18	55.56	55.82	54.53	55.12	56.33	55.59	26.7	27	30.4	31.5	28.2	28.2	28.7	33.7	26.7	76	73	64	60	80	72	70.8	.....
23..	55.28	54.81	55.82	54.54	53.95	56.08	55.08	27.4	27.1	31.1	32.7	30.4	27.3	29.3	34.5	26.7	78	80	61	52	58	76	67.5	.....
24..	54.68	54.61	55.05	54.09	54.04	56.23	54.78	26.8	26.5	31.2	34.1	31.1	28	29.6	34.5	26.2	80	82	64	53	59	70	68	.....
25..	54.41	54.64	54.97	54.26	55.12	56.09	54.92	26.6	25	30.7	31.4	29.1	27.8	28.4	33	24.5	79	90	68	68	74	76	75.8	.....
26..	55.48	55.90	55.83	54.99	55.54	56.56	55.72	27	26.2	29	31.1	26.5	25	27.5	32.6	24.7	81	86	58	58	89	95	77.8	3
27..	55.51	55.87	56.29	55.10	54.86	56.04	55.61	24.5	23.7	27.1	28	26.6	26	26	28.9	23.3	94	94	78	74	85	84	84.8	6.4
28..	54.98	55.01	55.81	55.31	55.32	56.74	55.53	24.8	25	25.2	26.2	25.9	25.7	25.5	28.1	24.6	88	88	94	83	85	86	87.3	2.6
29..	55.51	56.04	56.92	56.67	56.80	58.23	56.70	25.3	26.5	29	28.4	27.8	26.8	27.3	29.9	25	84	76	69	75	75	80	76.5	.....
30..	57.51	57.85	58.85	57.82	58.09	60.14	58.38	26	26.7	29.5	30	29.6	26	28	32.7	24.5	82	75	68	65	71	84	74.2	.....
31..	59.39	59.74	60.40	59.07	59.57	60.88	59.84	24.1	23.5	30.6	32	29.3	26	27.6	33.6	23.2	96	98	77	72	76	85	84	.....
Mean	55.96	56.19	56.77	55.65	55.78	57.20	56.26	25.7	25.5	29.5	30.4	28.4	26.5	27.7	31.7	24.8	84.1	84.7	69.5	65.9	73.4	80.5	76.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	WSW	SSW	SSW	SSW	SSW	WSW	38.3	66.8	80	34.1	219.2	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. SSW
2..	W	WSW	SE	NNE	Calm	W	60.6	37.3	49.4	59.7	207	8	Ci.-S.	S.-Cu.	6	Ci.	Cu.-N.
3..	W	W	NNE	ENE	Calm	W	66.2	43.5	33.5	77.5	220.7	5	Ci.-S.	E Cu.-N.	7	Ci.-S.	E Cu.-N.
4..	W	WSW	NE	Calm	Calm	NW	73.7	53.6	42.6	28.2	198.1	9	Ci.-S.	Cu.-N.	9	Ci.-S.	cu.-N. WNW
5..	NW	NW	Calm	NNW	WSW	Calm	40	38.4	33	50.4	161.8	10	Ci.-S.	N.	10	Ci.-S.	N.
6..	Calm	WbyS	SW	NNW	W	Calm	34.1	51	63.3	33.5	181.9	10	Ci.-S.	Cu.-N. WNW	8	Ci.-S.	Cu.-N.
7..	Calm	W	E	NW	WbyS	W	49.7	40.2	61.4	57.4	208.7	5	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N. SW
8..	Calm	Calm	SW	W	WSW	NW	33.3	88.3	110.8	72.7	305.1	6	A.-Cu.	S.-Cu.	9	Ci.-S.	cu.-N. wsw
9..	NW	NWbyW	WNW	WSW	WNW	W	95.5	94.3	88.2	74.3	352.3	10	Ci.-S.	Cu.-N. W	10	Ci.-S.	cu.-N. wsw
10..	WbyS	WbyS	SW	Calm	SSW	W	49.4	48.8	25.1	36.7	160	10	Ci.-S.	cu.-N. sw	10	Ci.-S.	Cu.-N. SW
11..	WbyS	WSW	WSW	WSW	SW	Calm	43.5	55.2	85	36.5	220.2	8	Ci.-S.	Cu.-N. WSW	10	Ci.-S.	Cu.-N. SW
12..	W	WSW	SSW	WSW	W	NW	56.5	79.9	70.3	21.4	228.1	6	A.-Cu.	Cu. W	6	Ci.	Cu. W
13..	W	WSW	SW	WSW	WSW	W	63.4	68.7	112.5	126.1	370.7	5	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu. SW
14..	SW	WSW	WSW	WSW	WSW	SW	116.9	130.6	127.7	123.6	498.8	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SW
15..	SW	SW	SSW	WSW	WSW	SW	110.5	98.4	117.7	88.5	415.1	8	Ci.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
16..	WSW	SW	WSW	SW	SW	WSW	56.5	59.5	73.2	78.6	267.8	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
17..	W	WSW	SW	WSW	WSW	W	30.6	72.4	77.4	64.9	245.3	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. WSW
18..	W	Calm	WSW	SW	WSW	WSW	52.1	80	78.1	87.5	297.7	6	Ci.-S.	E S.-Cu.	6	Ci.-S.	Cu.
19..	WSW	SW	SW	WSW	WSW	W	65	93.5	97.9	68.6	325	7	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. WSW
20..	WSW	SW	SW	WSW	WSW	Calm	76.7	107	91.9	22	297.6	7	Ci.-S.	Cu.	3	Ci.-S.	Cu. W
21..	W	W	W	SW	WNW	W	49.1	64.6	102.5	96.6	312.8	7	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu. W
22..	W	W	SW	WSW	NW	WSW	72.1	77	110.2	66.5	325.8	6	A.-Cu.	Cu. WNW	6	Ci.-S.	cu.-N. wsw
23..	WSW	SW	WSW	WSW	WSW	W	96.6	111.2	152.1	80	439.9	8	A.-Cu.	N. WSW	8	Ci.-S.	Cu. W
24..	WSW	W	SW	W	W	W	69.2	76.4	135.8	84	365.4	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N. W
25..	W	W	WSW	WSW	WSW	WSW	44.3	73.2	102	56.5	276	10	Ci.-S.	S.-Cu.	9	Ci.-S.	cu.-N. wsw
26..	WSW	Calm	WSW	WSW	Calm	W	62.3	82.9	120.4	42.9	308.5	10	Ci.-S.	N. WSW	8	A.-Cu.	Cu.
27..	W	W	WSW	WSW	WSW	W	48.3	73.4	98.4	70.3	290.4	10	Ci.-S.	S.-Cu.	10	Ci.-S.	cu.-N. wsw
28..	W	WSW	WNW	WSW	WSW	SW	74.5	64.4	79.2	47.2	265.3	10	Ci.-S.	Cu.-N. sw	10	Ci.-S.	N. WSW
29..	S	SW	SW	SSW	SW	SW	76.6	109.2	77.5	32	295.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	cu.-N. ssw
30..	Calm	SW	SW	SW	SSW	SW	42.4	72.4	70.2	27.4	212.4	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
31..	Calm	W	SE	SW	E	W	43.5	52.8	60	37.5	193.8	8	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	61	73.1	84.8	60.7	279.6	8	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,666.7	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.58	59.90	60.35	58.57	59.13	60.47	59.67	24	23.7	30.3	31.7	27.5	25.6	27.1	32.7	22.7	95	94	76	71	73	84	82.2	.....
2..	58.71	58.87	59.87	58.28	58.69	59.89	59.05	24.6	23.6	30.2	30.8	27	24.6	26.8	32.3	23.3	90	97	75	72	84	90	84.7	1.3
3..	58.78	58.98	59.95	58.02	58.46	60.30	59.08	23.6	22.8	30	31.3	30	25.8	27.2	33	22.3	93	94	73	69	65	84	79.7	.....
4..	59.40	59.61	60.22	58.06	58.55	60.05	59.32	24.3	23.1	31.1	32.5	29.6	25.5	27.7	33.6	22.6	91	96	54	49	66	84	73.3	.....
5..	58.68	58.73	59.32	57.72	57.61	59.42	58.58	23.6	22.4	30.7	32	29	25.4	27.2	33.4	22	91	96	63	60	79	88	79.5	1
6..	58.09	58.77	58.76	57.15	56.97	58.56	58.05	22.8	21.7	30.1	31	30.8	27	27.2	33.5	21.4	95	96	68	62	62	74	76.2	.....
7..	57.12	57.83	58.42	57.04	57.05	58.89	57.72	24	23	30.8	31	31.8	26.8	27.9	33.6	22.6	90	93	62	67	58	77	74.5	.....
8..	57.51	58.08	58.40	57	57.17	58.93	57.85	24.4	23	31.9	32.9	30	26.8	28.2	34	22.4	88	96	64	61	68	80	76.2	.....
9..	57.59	58.11	58.86	57.14	57.12	58.39	57.87	24.6	24.2	29	30	29.3	26.8	27.3	31.4	23.8	93	94	78	75	78	84	83.7	2.3
10..	57.39	56.78	57.86	56.37	56.51	57.16	57.01	25	4	24.4	27.2	28.2	25.6	24.7	25.9	28.6	23.7	93	97	83	79	98	97	91.2	8.9
11..	56.11	55.79	56.96	55.91	55.61	56.55	56.16	23.8	23.4	24.9	25	25.1	24.6	24.5	25.5	23	97	94	93	92	89	92	92.8	6.5
12..	55.58	55.12	55.55	54.72	55.04	57.07	55.51	25	25.1	26.3	28.2	26.8	24.4	26	28.7	24	90	88	83	74	76	90	83.5	5.8
13..	55.91	56.16	56.84	55.84	56.29	57.82	56.48	24.7	25.3	26.3	25.4	25.7	24	25	26.9	23.8	89	85	88	89	83	93	87.8	5.7
14..	57.80	57.75	58.74	57	57	57.99	59.45	58.22	25.2	25.3	28.1	29.6	28	25.4	26.9	30.6	24	85	85	79	73	80	92	82.3	.8
15..	58.51	58.52	59.24	58.39	58.59	60.42	58.94	24.3	23.7	29.7	29.4	28.5	25.9	26.9	31.5	23.4	96	99	77	79	81	91	87.2	.....
16..	58.91	59.56	59.39	58.58	58.74	60.33	59.25	24.4	23.7	27.2	26.7	25.4	24.8	25.4	30.5	23.3	95	98	83	91	97	100	94	41.8
17..	59.60	59.58	59.77	57.90	57.74	59.62	58.87	24.2	24.4	27.6	30	27.9	25.4	26.6	30.8	23.2	91	91	80	70	78	90	83.3	1.8
18..	57	57.44	57.86	55.91	55	30	57.65	56.86	23.9	23	29.6	26	28.7	25.5	26.1	32	22.7	94	98	79	89	75	94	88.2	13
19..	56.52	56.58	57.24	56.08	56.33	58.31	56.84	24.5	23	23.5	29.3	25.3	26	24.8	25.6	31.5	23	97	96	72	86	93	93	89.5	9.7
20..	56.98	57.13	58.17	56.89	57.50	58.88	57.59	23.8	23.4	28.2	28.7	25.5	23.8	25.6	30.5	23	97	97	77	80	88	97	89.3	1.8
21..	57.29	57.64	58.70	57.21	57.31	59	57.86	23.2	22.5	28.2	26.9	26.6	25.4	25.5	31.1	22.1	98	98	79	89	81	87	88.7	4.1
22..	57.28	58.13	58.64	56.79	57.45	58.92	57.87	23.8	23.2	29.6	30.4	25.9	25.2	26.4	31.8	22.7	95	97	77	73	91	92	87.5	14.3
23..	57.38	57.32	57.87	56.34	56.44	57.42	57.13	24.2	23	29.1	26.1	25.8	25.4	25.6	31.1	22.5	93	98	79	95	85	85	89.2	32
24..	56	55.35	55.75	54.18	54.63	55.84	55.29	24.6	24.7	28.2	30.5	26.9	26	26.8	31	23.8	90	90	78	73	75	81	81.2	.....
25..	55.31	55.31	56.19	54.86	55.39	57.01	55.68	25.8	25.1	30.1	32.2	28.3	26	27	33.1	24.8	82	87	68	60	71	84	75.3	.....
26..	56.59	56.78	57.69	56.78	57.20	58.03	57.18	25.4	24.8	29.5	26.9	25.8	25	26.2	30.5	24.2	88	91	75	86	89	90	86.5	6.1
27..	57.20	57.28	58.01	56.17	56.66	58.01	57.22	24	23.6	27.1	28.8	25.2	24.7	25.6	29.6	23.2	95	95	81	79	90	91	88.5	18.6
28..	56.58	56.62	57.85	56.20	56.65	58.45	57.06	24.2	24.1	26.8	28.2	25.9	24.9	25.7	28.7	23.7	95	95	85	79	88	91	88.8	3
29..	57.28	57.31	58.08	57.01	57.63	59.19	57.75	24.1	24.3	28.7	30.3	28.1	25.8	26.9	31.3	23.6	93	93	69	70	77	87	81.5	.....
30..	57.52	58.16	58.56	57	57.58	59.47	58.05	25	24.3	29.9	31	28	25.7	27.3	32.3	23.7	90	95	75	61	74	81	79.3	.....
31..	57.70	57.65	58.42	57.26	57.02	59	57.84	24.5	23.3	29.8	27.8	27.2	25.7	26.4	31.8	22.9	84	93	62	77	72	80	78	2.8
Mean	57.48	57.64	58.31	56.87	57.11	58.63	57.67	24.3	23.7	28 9	29.2	27.5	25.4	26.5	31.2	23.1	92	94.1	75.3	75.2	79.5	87.8	84	.....
Total	.....							.....									.....							181.3

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	W	SE	N	WSW	Calm	73.4	41.8	78.9	39.2	233.3	7	Ci.-S.	S.-Cu.	4	A.-Cu. N	Fr.-Cu.
2..	Calm	W	E	N	Calm	W	47.7	35.2	68.1	50.9	201.9	8	Ci.-S.	Cu.	7	A.-Cu.	Cu.-N.
3..	W	W	SE	NE	W	W	71.1	46.1	64.1	56.5	237.8	5	Ci.	S.-Cu.	5	Ci.	cu.-N. WSW
4..	W	W	W	SW	W	W	72.4	67.9	86.4	55.7	282.4	6	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
5..	W	W	WSW	W	SW	W	73	55	55	43.3	226.3	3	Ci.	S.-Cu.	4	Ci.-S.	Cu.
6..	W	WSW	ENE	WSW	W	NW	66.6	50.9	76.1	49.4	243	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. WSW
7..	W	W	ENE	NE	Calm	W	52.1	38.6?	45.1	35.4	171.2	7	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu. WSW
8..	W	W	E	SE	W	W	76.2	52.3	53.6	50.4	232.5	5	Ci.-Cu.	S.-Cu.	5	A.-Cu. ENE	Cu.-N.
9..	W	W	Calm	E	Calm	WNW	66.6	43.1	32.4	45.9	188	8	Ci.-S.	S.-Cu.	9	Ci.-S.	S.-Cu.
10..	W	Calm	SE	N	Calm	W	31.6	40	50.2	29.2	151	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
11..	WSW	WSW	Calm	SW	SW	SW	46.5	39.4	69.4	105.9	261.2	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N. W
12..	SW	SW	SW	SW	Calm	SW	79.7	91.5	81.8	68.1	321.1	10	Ci.-S.	Cu.-N. WSW	8	Ci.-S.	cu.-N. WSW
13..	SW	S	SSW	SSW	SW	SW	61	104.8	55.8	31.4	253	10	Ci.-S.	Cu.-N. S	10	Ci.-S.	N.
14..	SSW	S	S	WSW	Calm	W	66.6	58.5	63.3	30.1	218.5	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. S
15..	W	W	NE	NE	Calm	W	48.6	34.4	30.1	26.9	140	10	Ci.-S.	S.-Cu.	9	Ci.-S.	cu.-N. ESE
16..	Calm	W	N	NW	Calm	W	43.5	76.2	59	42.6	221.3	8	Ci.-S.	Cu.-N.	9	Ci.-S.	cu.-N. NNW
17..	E	NW	N	N	Calm	Calm	52.1	97.7	60.9	44	254.7	10	Ci.-S.	Cu.-N. NW	7	Ci.-S.	Fr.-Cu.
18..	W	W	Calm	W	WSW	W	59.7	41.2	68.2	54.4	223.5	5	A.-Cu. W	S.-Cu.	8	Ci.-S.	Cu.-N.
19..	W	W	WSW	NW	Calm	SW	64.9	77.4	46.1	46.2	234.6	5	Ci.-S.	S.-Cu.	9	Ci.-S.	N.
20..	SW	SW	ENE	WSW	SW	SW	68.7	32.8	82.9	64.2	248.6	8	Ci.-S.	S.-Cu.	8	Ci.-S.	cu.-N. NNW
21..	SW	SW	NW	SW	SW	SW	65	42.6	93.6	62.3	263.5	8	A.-Cu.	S.-Cu.	6	Ci.-S.	E Cu.-N.
22..	SW	SW	WSW	Calm	SW	Calm	61.8	36.8	46.7	37.6	182.9	10	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.
23..	SW	SW	SE	Calm	WSW	SW	65.5	40.5	61	110.5	277.5	6	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-Cu.
24..	W	WSW	WSW	WSW	W	SW	59.8	106.2	120.2	100.4	386.6	5	Ci.-S. NW	S.-Cu.	7	Ci.-S.	Cu.-N. SW
25..	WSW	W	WSW	SW	W	W	86.4	47.7	50.7	61.2	246	6	A.-Cu.	Cu. S	6	Ci.-S.	S.-Cu.
26..	W	W	NE	W	NW	W	85.3	39.1	68.2	49.1	241.7	7	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
27..	W	WSW	W	Calm	W	W	72.2	44.1	24.9	51.8	193	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
28..	W	WSW	W	N	NW	WNW	61.7	24.1	31.6	30.6	148	10	Ci.-S.	S.-Cu.	8	Ci.-S.	S.-Cu.
29..	W	NW	W	WSW	Calm	SW	31.1	66	62.8	31.7	191.6	10	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. W
30..	SW	SW	SE	SW	Calm	Calm	42.4	38.9	73.2	23.8	178.3	7	Ci.-S.	Cu.	5	Ci.-S.	Cu. W
31..	Calm	W	W	WSW	W	Calm	25.9	53.7	70.2	29.2	179	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
Mean	.....						60.6	53.7	62.3	50.3	226.8	7.5	.....		7	.....	
Total	.....						.....				7,032	.....			.....		

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.08	57.73	59.29	57.28	57.93	59.47	58.30	24.4	23.4	29.4	30.3	26.9	24.8	26.5	32	23.1	87	93	70	64	73	83	78.3	.....
2..	58.71	58.40	59	57.59	57.50	59.12	58.39	24.2	23.2	30.2	27.2	28.3	25.8	26.5	31.7	22.9	86	95	64	82	68	81	79.3	.....
3..	57.40	57.23	58.29	56.07	56.68	57.51	57.20	24.3	23.6	29.5	29.9	27.6	26.4	26.9	31.2	23.2	89	93	64	61	73	79	76.5	.....
4..	55.68	55.44	56.76	54.55	54.74	55.51	55.45	24.8	25.8	25.9	26.2	25.7	24.7	25.5	27.1	23.3	88	82	85	86	86	89	86	18.4
5..	53.43	53.42	54.91	51.51	52.08	54.27	53.27	24.4	24.5	24.2	25.3	25.5	25	24.8	26.1	23.2	91	92	91	87	90	93	90.7	69
6..	53.91	53.68	55.13	53.73	54.60	56.72	54.63	23.9	25.4	26.8	29.5	27.2	26.7	26.6	30.7	23.5	97	93	83	76	79	82	85	.....
7..	55.09	55.41	55.82	54.53	54.98	56.24	55.34	26	25.8	29.6	29.1	27	26.2	27.3	31.5	25.4	85	87	74	78	83	86	82.2	8.9
8..	54.72	55.10	55.58	54.33	54.68	56.11	55.09	25.4	25.7	29.9	30.4	28.2	27	27.8	31.7	25	85	85	71	65	69	77	75.3	.....
9..	55.20	55.36	56.11	54.80	55.69	57.15	55.72	26.6	26.5	30.3	31.6	29.2	27.2	28.6	32.8	26	78	79	70	56	63	75	70.2	.....
10..	56.09	56.25	57.03	55.35	56.11	57.76	56.43	26.8	26	29	31.5	28.8	27.2	28.4	32.3	25.6	77	82	73	62	69	78	73.5	.....
11..	56.38	57.09	58.34	56.80	56.88	58.54	57.34	26.8	26	28.7	29.8	27.8	27.4	27.8	30.4	25.4	78	80	76	67	75	76	75.3	.....
12..	57.79	58.26	59.13	57.70	58.32	59.62	58.47	26.8	26.5	29.2	29.8	27.9	26	27.7	30.6	25.5	80	80	72	69	79	82	77	.....
13..	58.70	58.96	59.87	58.52	58.89	60.13	59.18	25.2	26	29.9	28.4	28.9	26	27.4	32	24.8	85	82	66	78	79	87	79.5	.....
14..	59.29	59.27	59.92	57.97	59.02	60.65	59.35	24.6	24.1	29.9	31.4	29.1	26.8	27.6	32.5	23.4	88	91	69	63	70	78	76.5	.....
15..	59.32	59.27	59.86	58.42	58.81	60.35	59.34	25.2	23.9	29.1	28	26.7	24.8	26.3	31.2	23.5	83	90	68	84	88	88	83.5	5.6
16..	59.20	59.27	59.87	57.59	58.78	60.80	59.25	24.2	23.5	29	30.1	27.5	25.4	26.6	31.6	23.1	91	96	74	65	82	87	82.5	.....
17..	59.02	59.78	60.53	57.80	58.77	60.24	59.36	24.6	23.6	29.4	30.8	28.1	25.6	27	32.4	23.3	88	94	65	60	72	84	77.2	.....
18..	58.71	59.79	60.36	58.12	59.20	60.82	59.50	24.7	23.5	30.2	31.5	28.5	26.2	27.4	32.6	23.2	86	93	60	60	75	82	76	.....
19..	59.36	60.28	60.63	58.91	59.32	60.67	59.86	24.3	23.1	30.8	28.8	28	25.2	26.7	32.4	22.8	87	95	70	70	77	92	81.8	25.2
20..	59.61	59.64	59.66	57.42	57.57	58.94	58.81	24.6	23.5	28.4	31.1	28.2	27.9	27.3	31.9	23.1	92	96	72	67	77	77	80.2	1.5
21..	57.82	57.65	58.39	56.27	56.45	58.32	57.48	24.4	23.7	27.9	30.1	28.2	25.4	26.6	31.9	23.4	92	97	82	69	80	85	84.2	.....
22..	57.38	57.68	58.25	56.44	56.62	58.80	57.53	23.4	23	29.2	30.1	28.1	26.4	26.7	32.9	22.6	95	96	80	68	77	84	83.3	.....
23..	57.51	57.62	58.28	56.42	57.42	58.93	57.70	24.3	23.7	29.8	31.2	28.1	26.7	27.3	32.7	23.4	92	97	76	64	80	86	82.5	1.3
24..	58.39	58.50	59.68	58.01	58.88	60.54	59	25.4	24.4	30.1	30.9	28	26.2	27.5	31.6	24	88	95	80	70	85	90	84.7	.8
25..	59.29	59.94	61.40	59.10	59.88	60.88	60.08	24.6	24.1	28.2	29.2	27.8	27.3	26.9	30.6	23.7	97	98	84	80	85	84	88	61.5
26..	60.01	60.50	61.52	59.86	59.82	61.19	60.48	24.3	24.3	28.1	28.1	27.6	27.4	26.6	30.1	23.9	96	97	83	84	83	83	87.7	16.8
27..	60.32	60.14	61.03	58.95	59.44	61.32	60.20	26.6	27	29.2	29.5	28.8	28.2	28.2	30.1	25.5	86	88	77	73	79	80	80.5	.....
28..	59.70	59.72	59.82	58.07	58.02	58.89	59.04	27.5	27.5	29.1	29.8	28.8	28.1	28.5	30.2	27	84	81	77	75	76	79	78.7	1.5
29..	57.39	57.35	57.51	55.13	55.59	56.80	56.63	27.8	27.3	29.8	30.5	28.8	25.5	28.3	32.1	24.7	80	83	73	65	73	88	77	.....
30..	55.42	55.27	56.47	53.92	54.45	55.50	55.17	24.6	24.3	30	30.4	28.1	27.3	27.4	31.2	23.8	93	94	72	75	76	81	81.8	.....
Mean	57.63	57.80	58.61	56.71	57.24	58.73	57.79	25.2	24.8	29.1	29.7	27.9	26.4	27.2	31.3	24	87.5	90.1	74	70.8	77.4	83.2	80.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	Calm	SW	SW	SW	W	17.4	48.1	61.4	44.9	171.8	7	A.-Cu.	S.-Cu.	3	Ci.-S.	Cu.
2..	WSW	SW	SW	Calm	W	W	56.6	71.4	57.6	40.8	226.4	7	Ci.-S.	S.-Cu.	8	Ci.-S.	N.
3..	W	WSW	W	WSW	WSW	Calm	58.9	64.6	99.3	29.8	252.6	8	Ci.-S. NNE	Cu.-N. WNW	8	Ci.-S.	S.-Cu.
4..	W	WSW	SW	WSW	SW	SW	42.4	84.3	71.6	63.4	261.7	10	Ci.-S.	Cu.-N. WSW	9	Ci.-S.	Cu.-N. WSW
5..	W	Calm	SW	SW	WSW	W	67	62.3	85.9	68.2	283.4	10	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
6..	SW	WSW	SW	SW	WSW	SW	55.7	107.5	104.9	60.6	328.7	10	Ci.-S.	N.	8	Ci.-S.	Cu. W
7..	SW	SW	SW	WSW	WSW	W	72.9	94.4	104.1	99.5	370.9	7	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N. SW
8..	W	WSW	W	W	WSW	SW	100.8	142.1	135.1	82.1	460.1	7	Ci.-S.	Cu.-N. WSW	4	Ci.-S.	Cu.-N. WSW
9..	WSW	SW	W	WSW	WSW	W	78.1	107.5	146.1	78.9	410.6	6	Ci.-S.	S.-Cu.	5	Ci.-S.	E Cu. W
10..	W	NW	W	WSW	WSW	W	67.4	96.6	135.8	88	387.8	7	Ci.-S.	S.-Cu.	4	Ci.-S.	S.-Cu.
11..	WSW	WSW	WNW	WSW	WSW	SW	114.1	111	113.3	60	398.4	9	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
12..	W	W	W	WSW	Calm	NW	52.9	70.8	50.4	28.8	202.9	8	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-Cu.
13..	Calm	W	W	WNW	Calm	SW	54.1	45.6	49.4	34.1	183.2	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. W
14..	W	W	WSW	SW	Calm	NW	58.7	84.3	80.7	42.1	265.8	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
15..	W	W	W	Calm	SSE	W	46.1	61.4	38.8	60.9	207.2	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
16..	W	W	NE	SW	Calm	W	56.1	39.9	48.3	33	177.3	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
17..	W	W	SW	SW	SW	SW	55.3	59	55.3	48	217.6	7	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.-N. SW
18..	Calm	W	WSW	WSW	WSW	Calm	29.3	67.8	65.8	17.5	180.4	3	A.-Cu.	S.-Cu.	4	Ci.-S.	Cu.-N. WSW
19..	WSW	WSW	NE	SW	SW	SW	65.8	39.6	65.4	56.9	227.7	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. W
20..	WSW	W	N	NNW	NNE	NE	84.2	30.9	87.5	50.5	253.1	7	A.-Cu.	S.-Cu.	7	Ci.-S.	Cu.
21..	W	SW	Calm	N	Calm	SW	59.5	45.1	27.1	53.7	185.4	7	A.-Cu. N	S.-Cu.	5	Ci.-S.	Cu.
22..	SW	SW	Calm	Calm	SW	Calm	71.6	34.6	26.4	54.1	186.7	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
23..	SW	SW	E	SW	SW	Calm	77.2	38.6	44.1	36.5	196.4	7	Ci.-S.	Cu.	4	Ci.-S.	Cu.
24..	W	SW	NE	N	Calm	W	64.6	36.7	46.9	29.5	177.7	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
25..	W	SW	NW	N	N	N	56.3	75	115.7	96.4	343.4	8	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
26..	Calm	Calm	WNW	N	N	N	31.7	87.4	101.1	118.1	338.3	8	A.-Cu. E	Cu.	10	Ci.-S.	Cu.-N.
27..	NE	NE	NE	NE	NE	N	91.7	118	147.6	118.6	475.9	5	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. NNE
28..	N	N	N	NE	N	N	133.9	151.5	159.3	131.6	576.3	5	Ci.-S.	Cu.	4	Ci.-S.	Cu. N
29..	N	NNW	NNW	NW	NE	SW	135.1	130.7	61.8	63.3	390.9	8	Ci.-S.	Cu.-N. NNW	8	Ci.-S.	Cu. NNW
30..	SW	SW	Calm	E	SW	Calm	62	34.1	57.3	39.1	192.5	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. WSW
Mean	.....	.....	.....	.....	.....	.....	67.2	74.7	81.5	61	284.4	7.4	.....	.....	6.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,531.1	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.32	55.09	56.44	54.18	54.34	55.81	55.03	26.2	25.9	27.4	29.7	27.9	26.8	27.3	30.2	25.4	87	88	81	73	79	83	81.8	.....
2..	54.10	54.18	54.97	52.56	53.45	54.49	53.96	26.2	25.4	29.9	31.1	27.9	26.9	27.9	32.2	25	81	84	69	68	78	83	77.2	.....
3..	53.31	53.85	54.84	52.88	53.97	55.25	54.02	26.7	26.4	29.8	31.1	28.6	27.3	28.3	32.1	26	82	82	71	64	73	78	75	.....
4..	54.79	55.81	57.44	56.37	57.35	59.01	56.80	26.6	26.5	30.2	29.2	26.2	26	27.4	31.7	25.3	81	81	74	73	86	85	80	.....
5..	58.21	59.23	60.33	58.11	59.04	60.60	59.25	25.4	24.6	30.1	31.2	29.1	27	27.9	32.2	24.3	88	93	68	61	78	83	78.5	.....
6..	59.51	59.95	60.56	58.35	58.62	60.06	59.51	24.7	23.8	30.4	33.1	29.2	27.7	28.2	34.2	23.4	92	95	65	60	73	73	76.3	0.8
7..	58.49	58.41	59.63	57.96	58.12	59.53	58.69	25	23.8	29.2	29.4	28.6	26	27	33	23.4	92	97	73	75	81	92	85	.5
8..	58.19	58.86	60.09	58.71	58.75	60.49	59.18	25.8	24.5	28.5	29.5	28.2	24.9	26.9	32.1	24	90	96	82	76	81	91	86	14
9..	59.10	59.45	60.72	58.94	59.19	60.13	59.59	24.4	23.8	27.3	28.2	27.4	27.3	26.4	29.7	23.4	93	97	84	81	81	81	86.2	13.2
10..	58.51	59.49	60.55	59.20	58.77	59.89	59.40	25.6	24.1	26.2	25.1	25.2	26.2	25.4	26.9	23.4	88	95	86	91	86	84	88.3	55.9
11..	58.78	59.16	60.07	58.29	59.17	60.31	59.30	24.8	25.7	27.5	26.8	24.4	24.6	25.6	28.3	23.4	92	86	81	85	90	90	87.3	24
12..	59.41	59.37	60.67	58.64	58.90	59.79	59.46	23.8	23.5	26.2	27.4	27.5	27.2	25.9	28.6	22.7	97	96	85	81	79	78	86	3.5
13..	59.10	59.12	59.79	58.33	58.11	59.12	58.93	26.6	26.4	28.2	27.7	27.2	26.8	27.2	29.1	24.8	78	79	70	74	78	78	76.2	8.9
14..	57.98	57.91	58.38	55.88	55.78	56.61	57.09	24.8	24.7	28.1	30.1	27.2	24.9	26.6	31.2	23.4	87	84	73	68	85	92	81.5	.....
15..	54.77	54.74	55.31	53.99	51.60	51.67	53.68	23.5	23.6	25.2	24.2	24.1	24.5	24.2	25.2	23	93	90	87	92	97	91	91.7	103.7
16..	50.67	50.79	53.33	52.56	54.13	55.97	52.91	22.9	23.5	26.9	27.5	26.2	26	25.5	28.1	22.4	90	88	71	70	76	76	78.5	1.5
17..	55.51	56.50	56.73	54.65	55.60	57.13	56.02	24.9	23.8	28.5	28.2	27.1	27	26.6	29.9	23.4	84	93	78	77	82	83	82.8	.....
18..	56.60	56.39	57.51	55.36	55.89	57.55	56.55	26.8	26.5	29.1	29.2	27.3	26.2	27.5	30.5	26	83	84	77	72	83	90	81.5	.....
19..	56.79	57.17	58.42	56.24	57.21	58.61	57.41	26.4	26.1	30.1	28.5	26.2	25.9	27.2	31.7	24.6	87	89	73	88	90	91	86.3	4.6
20..	57.82	57.76	59.13	57.54	57.59	59.12	58.16	24.5	25	27.9	28.9	27.5	25.7	26.6	30.6	24.2	96	96	87	78	86	93	89.3	5.7
21..	58.01	57.56	58.18	55.99	55.37	55.46	56.76	26.6	24.6	28.9	29.8	27.4	26.4	27.3	30.7	23.8	81	92	75	73	83	87	81.8	1
22..	53.82	54.35	55.23	53.90	54.39	56.21	54.65	27.1	26	27.6	26.2	26	25.4	26.4	29.3	24	76	82	76	83	76	84	79.5	1.3
23..	56.31	57.60	58.80	57.17	58.22	59.24	57.89	25.2	24.5	30.1	30.7	28.1	27	27.6	31.6	24	85	92	68	70	82	83	80	.....
24..	58.48	59.46	59.94	57.80	58.56	59	58.87	24.4	23.5	30.2	31.2	28.1	25.7	27.2	32.6	23.1	91	96	63	61	76	84	78.5	.....
25..	58.12	58.93	59.84	57.90	58.40	60.39	58.93	24.5	23.5	29.8	31.2	27.8	25.8	27.1	32.4	22.2	91	96	67	61	82	84	80.2	.....
26..	60.01	60.25	61.71	60.03	61.14	61.79	60.82	24.2	23.4	28.4	28.8	26.9	27.2	26.5	31.1	22.8	92	97	80	79	85	83	86	3.8
27..	61.67	62.20	63.39	61.48	61.92	63.03	62.28	26.4	26.6	29.1	29.2	28.2	26.7	27.7	29.6	26.2	86	86	80	73	79	88	82	2
28..	61.42	61.85	62.83	60.72	61.46	62.54	61.80	26.8	27	29.2	29.5	28.2	26.6	27.9	31.4	25.1	87	84	74	79	80	87	81.8	4.8
29..	60.80	61.24	61.66	59.34	59.68	60.88	60.60	27.2	26.7	28.2	28.6	28.2	26.6	27.6	29.4	25.7	83	83	77	73	76	86	79.7	4.8
30..	59.50	59.52	60.67	58.44	58.97	60.58	59.61	25.7	26.5	30	28.7	28.2	28	27.8	31.2	25.7	94	88	79	83	84	85	85.5	.5
31..	59.85	60.12	61.65	59.69	60.02	61.35	60.45	27.3	26.6	30.2	28.9	27.9	27.2	28	31.1	26.1	84	86	74	76	82	86	81.3	.....
Mean	57.55	57.95	58.99	57.14	57.54	58.76	57.99	25.5	25	28.7	29	27.4	26.4	27	30.6	24.2	87.5	89.5	75.7	74.8	81.5	84.9	82.3	.....
Total	.....																							254.5

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	SSW	Calm	WSW	WSW	75.9	60.7	48.9	103.6	289.1	10	Ci.-S.	Cu.-N. WSW	7	Ci.-S.	Cu.-N. W
2..	SW	SW	SW	WSW	SW	SW	68.4	85.9	120.9	100.8	376	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. WbyN
3..	SW	WSW	SW	SW	SW	SW	91.2	112.3	104.6	93	401.1	10	Ci.-S.	N. WSW	6	Ci.-S.	Cu.-N. WSW
4..	SSW	SW	SSW	SW	SW	Calm	57.1	68.6	80.5	42.1	248.3	10	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
5..	Calm	Calm	SE	SSE	Calm	Calm	25.2	62.8	57.7	24.4	170.1	8	Ci.-S.	Cu.-N. SW	4	Ci.-S.	Cu.
6..	S	S	SSE	SE	S	S	71.8	54.9	57.1	40	223.8	7	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu. WSW
7..	S	S	NW	S	Calm	S	57.4	46.7	30.6	59.2	193.9	7	Ci. E	S.-Cu.	6	Ci.-S.	Fr.-Cu.
8..	NW	SW	NW	NW	NW	NE	45.6	48.6	67.1	38	199.3	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
9..	SW	S	NW	NW	NNW	NW	37.5	58.7	88.5	85.3	270	7	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
10..	NW	WSW	NW	NW	W	NW	57.6	144.8	166.8	115.9	485.1	10	Ci.-S.	N.	10	Ci.-S.	N. N
11..	W	NNW	NW	NNW	NW	NE	82.9	110.7	152.3	75.9	421.8	8	Ci.-S.	Cu.-N. N	10	Ci.-S.	Cu.-N. NNE
12..	NW	WNW	WNW	NW	NW	NNW	62.8	53.4	160.6	138.2	415	10	.....	N.	8	A.-Cu.	Cu.-N. NNE
13..	NNW	NNW	NW	NW	NW	NW	121.3	158.8	170.1	143.8	594	9	Ci.-S.	Cu.-N. NNE	9	Ci.-S.	Cu.-N. N
14..	WNW	NNW	W	Calm	Calm	S	108.8	40.2	23.3	60	232.3	10	Ci.-S.	Cu.-N.	7	Ci.-S.	E Cu.-N.
15..	SSW	SSW	Calm	W	SSW	SSE	68.9	36.5	71.8	181.2	358.4	10	Ci.-S.	S.-Cu.	10	.....	N.
16..	ESE	ENE	SE	ESE	ESE	SE	103.2	62.8	66.6	55.7	288.3	10	Ci.-S.	S.-Cu.	7	Ci.-S.	S.-Cu.
17..	ENE	ENE	ENE	ESE	E	E	67.3	88.7	118.6	76.9	351.5	10	Ci.-S.	Cu.-N. S	8	Ci.-S.	Cu.-N. SSE
18..	ESE	ESE	ESE	ESE	Calm	Calm	71	74.6	68.7	23.9	238.2	10	Ci.-S.	Cu.-N. S	7	A.-Cu.	Cu.-N. S
19..	E	Calm	NE	Calm	S	Calm	61	50.7	48.5	39.7	199.9	9	Ci.-S.	Cu.-N. S	8	Ci.-S.	Cu.-N. S
20..	SE	Calm	WNW	SW	NW	Calm	33.5	52.8	91.1	110.5	287.9	9	Ci.-S.	N.	7	Ci.	Cu.
21..	WSW	SSW	WNW	W	Calm	SSW	104.9	100.9	56.6	41.3	303.7	7	Ci.-S.	Cu.-N. N	8	A.-Cu.	NE Cu.-N. NNW
22..	SSW	SW	SSW	SSW	SW	SW	55.7	142.4	112.9	66.8	377.8	10	Ci.-S.	Cu.-N. W	10	Ci-S.	Cu.-N. SW
23..	S	Calm	S	SW	SW	SW	55.2	51.3	61.8	34.8	203.1	8	Ci.	S.-Cu.	6	A.-Cu.	Cu.-N. SSW
24..	SW	SW	S	SW	SW	SW	59.5	54.1	57.6	51.3	222.5	6	A.-Cu.	S.-Cu.	3	Ci.-S.	Cu.-N.
25..	SW	SW	WSW	SW	SW	SW	65.5	57.6	51.3	46.1	220.5	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
26..	SW	SW	N	N	Calm	NE	57.6	53.4	106.4	56.1	273.5	6	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. N
27..	NE	NE	NE	NE	NE	E	117	184.2	221.5	191	713.7	6	Ci.	Cu.-N.	5	Ci.	Cu.-N. NE
28..	NE	NE	E	NE	NE	NE	151	110.8	186.1	181.2	629.1	8	Ci.-S.	Cu.-N.	4	Ci.-S.	S.-Cu.
29..	NE	NE	NE	NE	NE	ENE	167	160.9	201.1	157.2	686.2	2	.....	S.-Cu.	3	Ci.	Cu.
30..	NE	NE	E	NE	NE	NE	130.7	74.2	157.7	139.5	502.1	7	A.-Cu.	Cu.-N. NE	5	Ci.-S.	Cu.-N.
31..	ENE	ENE	E	NE	NE	E	126	82.9	106.5	120.2	435.6	6	Ci.-S.	Cu.-N.	7	A.-Cu.	Cu.-N.
Mean	.....						79.3	82.1	100.4	86.9	348.8	8.4	.....		6.8	.....	
Total	.....						.....				10,811.8	.....			.....		

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.62	60.69	61.39	59.18	59.63	60.90	60.40	26.8	26.6	29.2	29	27.8	27	27.7	30.2	26.2	86	85	73	74	79	83	80	.....
2..	59.80	60.15	60.97	58.54	59.22	60.78	59.91	26.8	26.5	29.5	28.4	28	27.5	27.8	31	26.1	80	80	72	75	81	82	78.3	.....
3..	59.79	60	20	61.64	59.19	59	38	60.69	60.15	27	26.1	29	9	29	27.8	26.9	27.8	30.4	25.7	83	85	68	74	79	82	78.5	.....
4..	59.50	59.63	61.03	59.12	59.72	60.67	59.94	26.8	26.3	27.3	28	3	27.5	27.1	27.2	29	24.9	80	86	84	82	84	83	83.2	3.3
5..	59.39	60.24	61.04	59.33	59.77	61.10	60.14	27	27.1	27.5	28.5	27.8	27	27.5	29.9	26.6	83	80	84	78	82	86	82.2	1
6..	60	60.48	61.58	59.48	59.97	61.19	60.45	26.8	26.7	29.3	28.6	27.8	26.4	27.6	30	25.9	86	86	74	80	86	94	84.3	2.5
7..	60.29	60.65	61.82	59.94	60.35	61.42	60.74	26.7	26.7	28.9	28.5	26	25.8	27.1	29.7	23.3	90	86	78	78	88	88	84.7	6.3
8..	60.58	61.04	62.03	60.16	60.42	61.82	61.01	26	25	28.3	28.9	28	27.7	27.3	29.9	24.6	89	95	77	78	81	81	83.5	.....
9..	61.10	61.44	62.24	60.32	60.72	61.97	61.30	27.1	26.8	29.2	28.9	28	27.2	27.9	29.8	25.9	82	83	72	74	79	83	78.8	2.1
10..	60.79	61.67	62.84	60.87	61.08	62.68	61.66	26.2	26	28.5	27.9	27.5	26.6	27.1	28.9	24.2	84	84	74	74	74	80	78.3	3.1
11..	61.39	61.55	62.95	60.71	61.42	62.60	61.77	26.8	27	27.4	28.2	26.2	25.6	26.9	28.7	23.8	80	78	81	76	86	89	81.7	9.7
12..	61.18	61.42	62.06	59.97	60.95	62.15	61.29	25.9	26.2	28.1	28.2	27.9	27	27.2	28.7	24.1	88	86	76	78	74	79	80.2	.....
13..	61	61.79	62.97	60.71	61.17	62.32	61.66	27.1	27.2	29	28.6	26.6	27.2	27.6	29.4	25.4	78	76	68	77	83	81	77.2	2.3
14..	61.35	61.79	62.69	61.02	61.42	62.47	61.79	27	26.8	29.1	25.7	27.1	26.8	27.1	29.3	24.3	80	79	70	91	83	78	80.2	7.9
15..	61.64	61.74	62.83	60.92	61.07	62.33	61.76	26.9	27.1	26.9	27.9	26.6	27.1	27.1	27.9	24.7	81	83	85	71	80	76	79.3	12.3
16..	61.07	61.34	62.37	60.31	60.55	61.50	61.19	26	26.2	28.2	28.2	26.8	26.8	27	28.7	23.5	82	83	69	69	76	81	76.7	4.6
17..	60	28	60	62	61.90	59.75	60.62	61.59	60.79	27.2	26.7	25.2	27.6	27.2	27	26.8	28.1	23.6	75	79	94	76	75	75	79	8.8
18..	60.42	61	08	62.14	60.12	60.38	61.38	60.92	26.9	26.8	27.5	27.9	26.8	26.4	27	28.3	25.4	74	72	64	68	76	77	71.8	.....
19..	60.38	60.61	61.63	59.51	59.94	61.70	60.63	25.5	25.2	27	27.9	27.1	26.4	26.5	28.8	24.1	84	86	77	68	76	74	77.5	.....
20..	60.44	61.59	62.57	60.40	60.64	61.83	61.24	26.1	22.3	28.1	27.6	27.2	27	26.4	28.9	21	76	88	73	70	73	75	75.8	.....
21..	60	60	61.23	62.01	59.81	60.27	61.43	60.89	26.6	26.7	28.3	27.9	27.3	27.1	27.3	29.1	25.8	76	73	68	74	76	80	74.5	.....
22..	59.98	60.50	61.51	59.18	60.30	61.15	60.44	26.3	26.2	27.9	29.8	26.8	27.1	27.4	30.1	25.2	83	84	77	73	82	83	80.3	1.3
23..	60.12	60.51	61.02	59.28	60.09	61.19	60.37	26.2	25.1	28.2	29.6	27.1	27	27.2	30.2	24	86	91	80	74	84	83	83	3.6
24..	60.13	60.72	61.74	59.51	60.35	61.57	60.67	26.9	26.1	26.9	28.1	27.2	25.9	26.8	29.1	24.7	82	87	85	76	81	88	83.2	5.1
25..	60.15	60.56	61.73	59.44	59.87	61.13	60.48	25.3	23.9	27.9	28.6	27.2	26.9	26.6	29.2	22.4	89	88	82	80	82	84	84.2	.8
26..	59.83	60.42	61.43	59.11	59.67	61.03	60.25	26.2	26.2	28.1	29.2	27.4	25.1	27	30.1	23.2	88	86	83	73	79	87	82.7	2.3
27..	60.23	60.75	61.72	59.44	60.22	61.19	60.59	24.2	25.3	27.8	29.2	27.7	27.2	26.9	29.8	22.7	90	90	84	76	81	79	83.3	.....
28..	59.93	60.64	61.42	59.39	59.98	61.10	60.41	26.9	27.1	28.6	28.6	27.6	27.3	27.7	29.4	25.8	81	81	74	73	81	81	78.5	9.2
29..	60.38	61.28	62.12	60.07	60.67	61.79	61.05	25.3	25.2	25.8	28.1	27.8	27.2	26.6	28.4	23.4	93	88	89	78	75	78	83.5	37.8
30..	60.88	61.03	62.08	60.42	61.09	62.37	61.31	27	25.2	27.7	28.1	27.3	27.1	27.1	28.4	23.4	80	92	76	72	76	77	78.8	3.1
Mean	60.44	60.91	61.92	59.84	60.36	61.57	60.84	26.4	26.1	28	28.4	27.3	26.8	27.2	29.3	24.5	83	84	77	75.3	79.7	81.6	80.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	127.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	NE	ENE	NE	NE	NE	139.4	138.6	173.5	132	583.5	5	Ci.-S.	Cu.	3	.....	Cu.-N. NNE
2..	NE	NE	NE	NE	NE	ENE	110.4	104.4	165.1	137.4	517.3	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. NE
3..	E	E	NE	NE	NE	E	106.4	102.8	184.8	141.1	535.1	1	Ci.-S.	Cu.	3	Ci.	Cu.
4..	NE	NE	NE	NE	NE	NE	139.8	143.2	181.2	143.4	607.6	7	Ci.-S.	cu.-N. NNE	6	Ci.	Cu.-N. ENE
5..	NE	NE	NE	NNE	NE	NE	139.7	130.6	158.3	109.6	538.2	3	Ci.	Cu.	7	A.-Cu.	Cu.-N. NE
6..	NE	NE	NE	NE	NE	NE	103.2	138.1	178.9	159	579.2	3	Ci.-S.	Cu.	3	.....	Cu. NNE
7..	ENE	ENE	NE	NE	NE	E	115.9	159.6	177	120.7	573.2	4	Ci.	Cu.	5	Ci.-S.	Cu.
8..	NE	Calm	NE	NE	NE	ENE	72.1	110.2	180.4	149.5	512.2	6	Ci.-S.	cu.-N. NNE	5	.....	Cu. NNE
9..	NE	E	E	ENE	E	E	144.8	154	234.7	182.4	715.9	2	.....	Cu.	3	A.-Cu.	Cu. NE
10..	E	E	E	ENE	E	E	157.2	220.1	250.4	251	878.7	9	Ci.-S.	cu.-N. ENE	6	Ci.-S.	Cu.-N.
11..	E	ENE	E	E	E	E	234.1	245.4	252.6	198.4	930.5	9	Ci.-S.	cu.-N. NNE	6	Ci.-S.	Cu.-N.
12..	E	ENE	E	E	E	ENE	159.3	143.4	216.6?	199.5	718.8	7	Ci.-Cu.	S.-Cu.	6	A.-Cu.	Cu.-N.
13..	ENE	E	E	E	E	E	219.6	185.2	194.5	159.6	758.9	7	A.-Cu.	Cu.-N.	5	A.-Cu.	Cu.-N.
14..	E	E	ESE	SE	E	SE	120.5	137.9	142.4	165.1	565.9	5	Ci.-S.	cu.-N. NNE	8	Ci.-S.	Cu.-N. NNE
15..	SE	SE	E	E	E	SE	144	215	267.1	239	865.1	7	Ci.-S.	cu.-N. NNE	7	A.-Cu.	Cu.-N. NE
16..	E	ESE	SE	SE	SE	SE	207.9	260.5	233.6?	189.3	891.3	7	Ci.-S.	Cu.-N. N	6	Ci.-S.	Cu.-N. NE
17..	SE	SE	S	SE	SE	SE	152.4	145.3	207.9	194.7	700.3	7	Ci.-S.	Cu.-N.	6	A.-Cu.	Cu.-N. NNE
18..	SE	E	SE	SE	SE	E	208.6	192.8	188.9	145.6	735.9	8	Ci.	Cu.-N.	3	Ci.-S.	Cu. N
19..	SE	E	E	E	SE	SE	91.2	87.4	143	121.5	443.1	5	Ci.-S.	Cu.-N. NE	4	Ci.	Cu.-N.
20..	S	Calm	SE	E	SE	SE	63.6	66.3	174.3	152.6	456.8	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. E
21..	SE	E	SE	E	E	SE	123.3	107.8	140.6	115.3	487	6	Ci.	Cu.-N. NE	5	A.-Cu.	N Cu.-N. NE
22..	E	E	E	NE	SE	E	92.3	107.3	108.8	81.5	389.9	8	Ci.-S.	Cu.-N. N	5	Ci.-S.	S.-Cu.
23..	E	Calm	E	NE	NE	E	65.4	35.4	126.1	114.9	341.8	5	Ci.-S.	Cu.-N.	4	Ci.	S.-Cu.
24..	E	E	E	E	E	E	83.4	101.1	132.8	118.6	435.9	6	Ci.	Cu.-N. N	4	A.-Cu.	Cu.
25..	NE	NW	NE	NE	E	E	43.1	79.1	115.3	107.8	345.3	5	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu. N
26..	E	SE	NE	NE	E	Calm	82.6	55.2	96.3	34.8	268.9	6	Ci.-S.	S.-Cu. NE	3	Ci.	S.-Cu.
27..	NW	NE	NE	NE	E	E	35.9	64.4	123.1	103.5	326.9	6	Ci.-S.	Cu.-N. NE	4	Ci.-S.	Cu. NE
28..	E	SE	SE	E	SE	SE	113.5	128.7	171.6	123.9	537.7	6	Ci.-S.	Cu.-N. NE	3	Ci.-S.	S.-Cu. NE
29..	SE	E	SE	SE	SE	SE	156.7	141.1	199.3	184.7	681.8	9	Ci.-S.	Cu.-N. NE	5	Ci.-S.	S.-Cu. NE
30..	SE	SE	SE	SE	SE	SE	165.4	211.6	237.9	207.4	822.3	8	Ci.-S.	cu.-N. NNE	5	A.-Cu.	Cu.-N. NNE
Mean	.....	.....	.....	.....	.....	.....	126.4	137.1	178.6	149.5	591.5	5.9	.....	.....	5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,745	.....	.....	.....	.....	.....	.....

ATIMONAN.

[ϕ=14° 00′ N; λ=121° 55′ E; barometer above sea, 4.1 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.19	61.10	62.32	60.06	60.29	61.47	61.07	27	26.9	27.5	28	27.2	27	27.3	28.3	25.5	77	75	73	73	77	77	75.3	4.4
2..	60.59	60.95	61.98	60.07	60.81	61.74	61.02	26.9	26.2	26.9	26.9	24.9	24.5	26	27.6	22.4	79	82	76	78	88	96	83.2	20.3
3..	60.85	61.44	62.34	60.20	60.35	61.49	61.11	24.9	24	26.9	27.8	26.9	26.5	26.2	27.9	23.4	85	91	76	69	74	74	78.2	1
4..	60.40	61.43	62.50	59.92	60.70	61.69	61.11	26.4	26.3	27	27.1	27	25	26.5	27.4	24.5	73	74	73	70	74	87	75.2	10.2
5..	60.78	60.99	62.84	61.43	61.63	62.79	61.74	24.1	25.4	25.1	25.1	26.2	26.1	25.3	26.8	23.5	93	85	88	88	76	76	84.3	2.1
6..	62.20	62.34	63.50	61.72	61.88	63.22	62.48	25.1	25.5	27.4	27.6	27	26.2	26.5	28.1	24.9	78	76	64	66	67	73	70.7	.....
7..	62.21	62.73	63.54	61.49	61.69	62.37	62.34	26	26.1	27.4	27.6	26.9	27	26.8	27.8	25.4	74	74	64	59	70	68	68.2	1.3
8..	61.69	62.30	63.39	61.72	62.10	62.70	62.32	25.7	25.9	27.8	26.3	25.5	25.4	26.1	28.1	24	74	75	61	74	84	84	75.3	.8
9..	61.40	61.71	62.63	60.54	61.14	61.49	61.48	25.2	25.4	26.9	27.2	25.6	25.5	26	27.8	24.4	85	85	74	68	82	81	79.2	1.5
10..	60.81	61.64	62.73	60.23	60.39	61.58	61.23	25.3	25.1	27.6	28	27.1	27	26.7	28.6	24.7	81	80	69	68	75	77	75	.....
11..	60.28	60.59	61.70	59.52	60.37	61.22	60.61	26	25.7	26.1	27.8	27	26.2	26.5	27.8	23.8	82	83	82	72	77	84	80	.....
12..	59.68	59.83	61.18	59.36	60.18	61.15	60.23	26.5	26.1	27.8	27.9	26.5	26.4	26.9	28.3	23.8	82	85	75	72	83	82	79.8	13.6
13..	60.01	60.34	61.29	59.35	60.10	61.11	60.37	24.4	24.9	25.4	26.3	25.3	25.7	25.3	26.4	23.4	91	88	92	86	93	89	89.8	26.4
14..	60.21	60.45	61.59	59.49	59.87	60.87	60.41	26.1	25.9	27.5	26.6	26.9	26.7	26.6	29.1	24.6	85	85	81	86	81	82	83.3	5.3
15..	60.52	60.58	62.12	60.36	61.10	61.96	61.11	26.3	25.1	27.9	28.2	27.2	25.8	26.8	28.6	24.7	82	91	74	73	73	79	78.7	.....
16..	61.22	61.04	62.25	60.39	61.02	62.22	61.36	21.1	22.3	27.2	28.1	27.4	26	25.4	29	21	97	93	83	75	78	84	85	.3
17..	61.48	61.94	63.07	60.84	61.13	62.08	61.76	26	26	25.6	25.3	27	26.1	26	27.4	24	81	80	86	93	78	82	83.3	12.7
18..	61.81	62.13	63.28	61	61.37	62.33	61.99	23.8	25.5	27.2	27.4	27.1	26.1	26.2	27.9	23.4	95	84	77	75	73	77	80.2	.....
19..	61.69	62.14	63.27	61.69	62.30	62.93	62.34	25.2	25.2	27.7	27.3	27.1	26.8	26.6	27.8	24.7	80	79	70	70	70	72	73.5	.....
20..	62.38	62.44	62.79	61.29	61.89	62.14	62.16	25.7	25.5	27.3	26.2	25.6	26.2	26.1	27.5	24.2	81	84	73	79	81	81	79.8	2.8
21..	61.41	61.56	62.18	59.99	60.49	61.27	61.15	25.9	25.8	27.2	26.2	26.6	26.4	26.4	27.5	24.6	85	85	75	78	80	78	80.2	.....
22..	60.38	60.59	61.69	59.64	59.95	60.35	60.43	25.8	25.9	26.2	27.5	26.6	26.4	26.4	27.9	22.8	82	81	80	75	75	72	77.5	1.8
23..	59.21	59.69	61.07	59.36	59.82	60.23	59.90	25.8	25.6	26.8	27.2	26.6	25.6	26.3	27.4	25.1	73	74	71	71	68	76	72.2	.....
24..	59.08	59.43	60.50	58.55	59.09	59.32	59.33	25.4	25.5	26.9	27.9	27.1	26.6	26.6	28.1	25.1	80	79	67	57	65	78	71	1
25..	57.99	57.32	57.44	54.36	53.84	54.93	55.98	24.8	24.9	26.1	25.5	25.2	25	25.2	26.6	24.2	90	90	88	92	92	92	90.7	79.9
26..	55.48	56.65	58.55	57.01	57.77	59.63	57.52	24.9	26	27	26.8	25.4	23.6	25.6	27.8	23.3	91	85	77	83	90	91	86.2	7.6
27..	59.08	59.46	60.57	58.91	59.57	61.31	59.82	23.8	22.9	27.4	27.5	26.2	25	25.5	29.4	22.2	90	93	78	81	87	91	86.7	4.4
28..	60.41	60.34	62.03	60	60.32	61.55	60.78	23.4	25	25.5	26.6	26.4	26.8	25.6	27.4	22.8	100	92	92	83	81	81	88.2	6.2
29..	60.69	60.93	62.12	60.45	60.38	61.70	61.04	25.7	25.8	27.1	26.4	26.1	25.8	26.2	27.4	23.8	88	88	81	84	91	88	86.7	5.1
30..	61.21	61.53	62.65	60.59	60.72	62.31	61.50	25.4	24.3	25.6	26.7	26.2	26.3	25.8	27	23.2	87	92	88	80	82	79	84.7	14.3
31..	61.39	61.60	63.40	61.19	61.13	62.43	61.86	23.5	24.6	25.6	26.6	26.4	25.7	25.4	27.6	23.4	94	87	86	83	81	82	85.5	1.5
Mean	60.57	60.88	62.02	60.02	60.43	61.41	60.89	25.2	25.3	26.8	27	26.5	26	26.2	27.8	23.9	84.4	83.7	77.2	76.2	78.9	81.1	80.2	.....
Total	.....																							224.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	SE	SE	SE	183.4	175.2	180.7	164.7	704	6	Ci.-S.	Cu.-N.	4	Ci.-S.	S.-Cu.
2..	SE	S	SE	SE	ESE	SE	110	153.7	193.3	192.1	649.1	7	Ci.-S.	Cu.-N. NE	6	A.-Cu.	Cu.-N. NE
3..	SE	SSE	SE	SE	SE	SE	176.7	208.2	226.4	209.4	820.7	10	Ci.-S.	Cu.-N. NE	5	Ci.-S.	Cu.
4..	SE	SE	ESE	NNE	NE	NE	198.5	201.4	234.3	186.3	820.5	5	.....	Cu.-N.	8	.....	Cu.-N. NNE
5..	NNE	NE	NE	NE	N	N	196.3	236.8	219.9	188	841	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. NNE
6..	NNE	NE	NE	NE	NE	NE	152.9	186.6	251.5	173	764	6	Ci.-S.	Cu.	3	.....	Cu. NNE
7..	NE	NE	NE	NE	NE	NE	154.4	193.6	235.7	215.3	799	6	Ci.-S.	Cu.-N.	4	A.-Cu.	Cu.
8..	NE	NNE	NE	NE	NE	NE	180.2	196.6	175.4	160.6	712.8	6	Ci.-S.	Cu.-N. NNE	5	A.-Cu.	Cu.-N. NNE
9..	ENE	NNE	NE	NNE	NE	NE	163.9	198.2	186.9	136.5	685.5	7	Ci.-S.	Cu.-N. NNE	5	Ci.-S.	Cu. NNE
10..	NE	NE	NE	NE	NE	NE	112.9	123.7	174.6	116.7	527.9	3	Ci.-S.	S.-Cu.	1	Ci.	Cu.
11..	NE	NE	NE	NNE	NE	NE	99.5	98.2	131.2	135.5	464.4	5	Ci.-S.	Cu.	7	A.-Cu.	Cu.-N. NNE
12..	NE	N	NE	NNE	NNE	NE	123.6	152.4	164.9	174.6	615.5	8	Ci.-S.	N. NNE	5	A.-Cu.	Cu.-N.
13..	NNE	NNE	NE	NE	ENE	NE	210.8	199.8	120.2	129	659.8	9	Ci.-S.	N.	9	Ci.-S.	Cu.-N.
14..	.....	NE	NE	NE	NE	NE	.....	100.6	123.9	157.7	[a]382.2	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
15..	NE	E	NE	NE	NE	E	89.3	101.9	167.9	106.2	465.3	7	Ci.-S.	S.-Cu.	2	Ci.	S.-Cu.
16..	Calm	SE	Calm	N	NE	NE	20.6	26.8	136.3	125.3	309	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N. N
17..	NE	NE	NE	Calm	NE	NE	128.9	118.1	133.6	148.6	529.2	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
18..	ENE	NNE	NE	NE	NE	NE	103.5	118	182.9	120.7	525.1	7	Ci.-S.	S.-Cu.	6	Ci.-S.	S.-Cu.
19..	ENE	NE	NE	NNE	NE	NE	100	128.5	161.7	145.4	535.6	5	Ci.-S.	S.-Cu.	2	Ci.-S.	S.-Cu.
20..	NE	NE	NE	NNE	NE	NE	120.5	145	161.2	114.8	541.5	6	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
21..	NE	NE	NNE	N	NNE	NE	159.1	182.8	190.4	174.9	707.2	8	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
22..	ENE	N	N	NNE	NNE	N	128.9	141.6	153.5	150.3	574.3	9	Ci.-S.	Cu.-N. NNE	7	Ci.-S.	Cu.-N. NNE
23..	N	N	N	NNW	NbyW	NW	156.9	196.5	194.7	142.6	690.7	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N. N
24..	NNW	NNW	NNW	NW	N	N	191.2	216.1	210.6	206.6	824.5	7	A.-Cu.	S.-Cu.	5	A.-Cu.	Cu.-N. N
25..	N	NNW	NNW	NNW	NNE	NE	298.5	358.6	455.2	449.5	1,561.8	10	Ci.-S.	Cu.-N. NNW	10	Ci.-S.	Cu.-N. NNW
26..	E	ENE	ESE	NE	E	SE	217.7	170.9	123.7	111	623.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. ESE
27..	SE	Calm	E	NW	E	Calm	63.4	22.5	69.5	23.9	179.3	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
28..	Calm	NE	NE	NE	NE	NE	32	69	170.4	175.6	447	5	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N.
29..	NNE	NE	NNE	NE	NE	NE	227.9	210.3	219.6	146.6	804.4	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
30..	ENE	E	NE	N	NE	NE	81.5	98.8	151.8	115.4	447.5	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
31..	NE	NE	N	NE	NE	E	88	103.8	168.9	131	491.7	6	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N.
Mean	.....						142.4	155.9	182.9	159	635.6	6.8	.....	.....	5.9	.....	.....
Total	.....						.....	.....	.....	.....	[a]19,703.8	.....	.....	.....	.....	.....	.....

[a] 6 hours missing.

AMBULONG, TANAUAN, BATANGAS.

[$\phi = 14°\ 07'$ N; $\lambda = 121°\ 01'$ E; barometer above sea, 10.5 [a] meters; gravity correction not applied, —1.74 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.41	59.56	60.28	58.34	59.19	60.34	59.52	22.2	22	26.4	28.7	24.6	23.4	24.6	29	21.8	92	96	81	73	88	90	86.7	.....
2	59.69	60.14	60.74	58.93	59.58	60.62	59.95	22.7	22.5	27.7	30.2	25.9	24	25.5	30.4	22.2	92	92	72	64	77	91	81.3	.....
3	60.06	60.31	61.07	59.21	59.77	60.76	60.20	23.1	22.5	26.5	27.3	24.3	23.5	24.5	28.3	22.4	90	94	73	75	84	87	83.8	.....
4	60.08	60.23	61.33	59.29	60.29	61.26	60.41	23.2	22.7	25.6	25.8	22.3	22.2	23.6	27.6	22	86	85	81	78	92	92	85.7	12.2
5	60.40	60.21	61.29	59.48	59.69	60.65	60 29	22	21.9	23.9	24.9	23.5	22.6	23.1	25.8	21.8	86	86	84	83	87	86	85.3	.8
6	60.18	60.56	61.81	59.78	60.16	60.94	60.57	22.2	22.5	24.3	24.8	22.4	23	23.2	25.6	21.4	89	87	82	79	88	91	86	.....
7	59.98	60.11	61.14	59.22	60.49	62.13	60.51	22.4	22	27.2	24.8	22.6	21.5	23.4	27.8	20.8	88	89	75	77	86	87	83.7	.....
8	60.51	61.32	62.56	60.54	61.51	62.76	61.53	21	21.4	24.2	24	20.3	20.9	22	25.2	20.1	83	84	74	69	88	83	80.2	.....
9	61.29	61.86	63.24	61.01	61.94	62.02	61.89	20	19.8	22.9	23.9	20.4	20	21.2	24.7	19.3	83	82	83	82	87	83	83.3	.....
10	61.36	61.42	62.36	60.54	60.70	61.74	61.35	19.9	19.8	24.3	26.1	22.2	21.6	22.3	26.2	19.7	84	83	73	83	86	87	82.7	.....
11	60.44	60.71	62.25	59.73	60.51	61.86	60.92	21.4	21.5	26.2	26.2	23.8	22.8	23.7	27.3	21.2	87	87	78	75	85	88	83.3	2.5
12	60.38	60.50	61.41	59.45	59.71	60.60	60.34	22.3	22	24.2	24.8	23.1	22.8	23.2	25.4	21.9	90	91	90	87	85	88	88.5	3.6
13	59.52	59.58	60.94	59.32	59.58	60.48	59.90	22.6	22.1	25.2	24.2	22.3	22	23.1	25.3	21.8	86	87	90	90	92	95	90	10.9
14	59.79	59.63	60.91	59.27	59.61	61.41	60.10	22.3	22.3	25.7	26.5	24	22.7	23.9	27.3	21	89	93	78	68	86	85	83.7	.....
15	60.55	60.61	61.69	60.35	60.80	61.51	60.92	22.3	22.2	26	27	22.7	22.2	23.7	27.4	21.8	88	89	76	77	87	89	84.3	.....
16	61.34	61.40	61.71	59.41	60.44	61.41	60.95	22	21.8	24.3	24.9	21.9	22	22.8	25.3	21.4	91	84	70	84	83	91	83.8	.....
17	60.76	60.69	61.21	59.27	59.66	60.14	60.29	21.4	20.6	25.2	25.7	23	21.7	22.9	27.3	20.5	87	85	75	72	83	83	80.8	.....
18	59.36	59.64	60.74	58.54	58.98	60.19	59.58	21.7	21.4	25.3	26.7	23.7	22.5	23.6	27.1	21.3	85	87	74	71	76	90	80.5	.....
19	58.65	58.98	59.82	58.01	58.96	60.25	59.11	22.4	22.3	27	29.2	25	24	25	29.3	21.9	89	88	70	63	83	91	80.7	.....
20	59.60	59.64	60.92	58.74	59.04	60.76	59.78	23.3	22.6	27	28.3	24	22	24.5	29.4	21.6	90	86	70	68	83	84	80.2	.....
21	60.23	60.31	61.24	58.99	59.91	60.69	60.23	21.3	21	24.8	26.2	22.6	21.5	22.9	26.8	20.9	88	86	69	75	78	83	79.8	.....
22	59.95	60.34	61.89	59.87	60.49	61.95	60.75	20.4	20.5	25.2	26.7	22.3	20.8	22.7	27	20.4	87	86	67	64	80	85	78.2	.....
23	60.57	59.99	60.93	59.11	59.27	60.68	60.09	21	20.6	25.8	26	22.9	21.5	23	27.2	20.4	83	83	59	58	79	85	74.5	.....
24	59.27	59.34	59.96	57.69	58.21	59.56	59	21.4	21.2	24.2	26.8	23.7	23.2	23.4	27	20.8	85	84	74	64	82	81	78.3	.....
25	58.62	58.73	59.89	58.57	58.91	59.88	59.10	22.4	21.8	24	25.2	22	21.2	22.8	26.6	21.1	84	84	75	74	82	89	81.3	.....
26	59.33	59.27	61.06	59.61	59.84	60.60	59.95	20.8	21	23.2	24.2	22.1	21.4	22.1	24.6	20.7	87	86	73	69	84	87	81	.....
27	59.97	59.92	60.96	58.66	59.10	60.53	59.86	20.7	20.8	23.6	26.2	22.1	21.8	22.5	26.3	20.4	87	87	73	75	81	84	81.2	.....
28	59.54	59.39	60.39	58.27	58.43	59.95	59.33	21.6	20.7	24.3	26.2	22.6	22	22.9	26.3	20.5	86	84	69	75	88	91	82.2	.....
29	59.03	58.39	60.14	58.80	59.03	60.04	59.24	22.3	21.5	26.4	27.2	23.5	22.3	23.9	27.4	21.4	88	87	78	75	79	88	82.5	.....
30	58.98	58.56	59.88	57.93	58.34	60.04	58.96	22.1	21.6	26	28.6	25.2	23.2	24.5	28.9	21.5	90	84	69	67	82	84	79.3	.....
31	59.35	59.36	60.75	58.94	59.74	60.69	59.80	22.5	21.8	25.2	25.5	23.1	22.3	23.4	26.7	21.6	87	88	75	72	82	88	82	.....
Mean	59.94	60.02	61.11	59.19	59.74	60.85	60.14	21.8	21.6	25.2	26.2	23	22.2	23.4	27	21.2	87.4	86.9	75.2	73.7	84	87.3	82.4	.....
Total	.....																							30

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	E	53.3	92.7	93.3	36	275.3	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
2	NE	NE	NE	ENE	NE	NE	26.2	94	99.8	48.6	268.6	5	Ci.	Cu. E	7	Ci.-S.	Cu.-N. E
3	NE	NE	ENE	NE	NE	NE	51.3	99.3	101.4	80.7	332.7	8	Ci.-S. NE	Cu.-N. ENE	8	Ci.-S.	Cu.-N. ENE
4	NE	NE	NE	ENE	NNE	NE	63.8	80.2	80.8	45.9	270.7	7	Ci.-S.	Cu.-N.	9	A.-S.	S.-Cu.
5	NNE	ENE	NE	NE	NE	ENE	47	117	108.1	94.3	366.4	10	A.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N. E
6	NE	NE	NNE	NE	NE	NE	75	64.9	118.9	109.9	368.7	10	A.-S.	S.-Cu. E	10	A.-S.	S.-Cu.
7	NE	NE	ENE	NE	NE	NE	69.8	115.6	158.7	125.8	469.9	8	Ci.-S.	Cu.-N. ENE	9	A.-S.	S.-Cu.
8	NE	NE	ENE	NE	NE	ENE	124.4	124.2	118.8	107.8	475.2	10	A.-S.	S.-Cu. ENE	9	A.-S.	S.-Cu. ENE
9	ENE	NE	NE	NE	ENE	NE	86.9	118.8	151.9	74.8	432.4	10	A.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N.
10	NE	NE	NE	NE	NE	NE	64.9	124.7	122.1	85.8	397.5	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu. NE
11	NE	NNE	ENE	NE	NE	NE	80	97.7	68.2	45.4	291.3	8	Ci.-S.	Fr.-Cu. ENE	10	A.-S.	S.-Cu.
12	NE	NE	NE	NE	NE	NE	41.6	73.4?	65.8	50.5	231.3	10	A.-S. NE	N. E	10	A.-S.	N. E
13	NE	NE	NE	NE	NNE	NE	44.5	52.1	43.3	40.8	180.7	8	ci.-s. NNE	Cu.-N. E	10	A.-S.	Fr.-N. E
14	NE	NNE	ENE	ENE	NE	NE	42	96.9	135.5	114.3	388.7	10	A.-S.	S.-Cu. ENE	9	A.-S.	S.-Cu.
15	ENE	NE	ENE	ENE	NE	NNE	106.4	107.5	116.2	84.7	414.8	7	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. ENE
16	NE	NE	NE	NE	ENE	NE	67.4	88.8	105.4	81.9	343.5	8	ci.-s. NNE	Cu. ENE	8	Ci.-S.	Cu.-N.
17	NE	NE	NE	NE	ENE	NE	69.2	105.2	108.4	48.5	331.3	7	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
18	NE	ENE	ENE	NE	NE	NE	41.8	65.5	82.9	52.3	242.5	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.
19	NE	NE	NE	ENE	NE	NE	44	82.9	83.2	80.2	290.3	7	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
20	NE	ENE	ENE	ENE	ENE	ENE	62.6	84.5	159.5	108.9	415.5	8	Ci.-S.	Cu.-N. E	8	Ci.-S.	Fr.-Cu. E
21	NE	NE	NE	NE	NE	NE	79.5	99.2	116.2	65	359.9	8	Ci.-S. N	Cu.-N. NE	7	Ci.	Cu.
22	NE	ENE	ENE	ENE	NE	E	41.5	98	129 5	31.4	300.4	7	Ci.-S.	Fr.-cu. NE	6	Ci.	Cu.
23	ENE	NE	ENE	ENE	NE	NE	32.7	101.2	125.5	40	299.4	6	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.
24	NE	NE	NE	ENE	NE	ENE	29.2	85	130.7	76.9	321.8	6	Ci.	Cu. NE	7	Ci.	Cu.
25	NE	ENE	ENE	ENE	ENE	NE	57.9	104.3	139	98.7	399.9	9	A.-S. NNE	Cu.-N. E	10	A.-S.	S.-Cu.
26	ENE	ENE	NE	NE	ENE	NE	97.2	109.7	128.9	73.2	409	10	A.-S. NNE	S.-Cu. E	10	A.-S.	S.-Cu. E
27	NE	NE	ENE	NE	ENE	NE	80.5	110.7	121.8	45.4	358.4	8	ci.-s. NNE	Cu. E	7	Ci.	Cu.
28	NE	NE	NE	ENE	ENE	NE	37.6	79.9	97.9	54.7	270.1	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. NE
29	ENE	NE	ENE	NE	ENE	NE	46.2	74	100.4	46.2	266.8	7	Ci.-S.	Cu. NE	6	Ci.	Cu.
30	NE	NE	NE	NE	NE	Calm	30.8	54.4	69.7	28.8	183.7	5	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.
31	NE	NE	ENE	NE	NE	NE	44.8	77.7	73.8	57.7	254	10	A.-S. NNE	S.-Cu. NE	10	A.-S.	S.-Cu. NE
Mean	.....						59.4	92.9	108.2	68.9	329.4	8	.....		8.4	.....	
Total	.....						.....	.....	.....	.....	10,210.7	.....	.....		.....	.....	

[a] This is an approximate height of the barometer above sea level.

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.96	60.27	61.41	59.76	60.24	61.33	60.50	22.2	21.6	26	25.6	22.9	22.8	23.5	26.3	21.5	89	86	72	71	83	84	80.8	.....
2..	59.96	60.05	61.26	59.50	59.27	60.34	60.06	22.3	23	26.2	25.3	24.9	23.1	24.1	29.1	22	88	84	75	82	84	90	83.8	.....
3..	59.57	59.68	60.49	58.45	58.34	59.32	59.31	23	22.6	27	29.2	25.8	24.5	25.4	30	22	90	86	70	65	79	84	79	.....
4..	58.14	58.26	59.55	57.04	57.56	58.54	58.18	23.5	23.2	29	29.3	26.3	23.3	25.8	31.8	21.6	92	94	64	69	74	80	78.8	.....
5..	57.82	58.38	59.11	56.77	57.44	58.09	57.94	21.4	21.3	27.5	31.4	27.2	23.3	25.4	31.8	21	93	92	80	57	75	89	81	.....
6..	57.26	57.83	58.95	56.31	56.79	58.06	57.53	22.2	21.1	27.2	31	28.6	25.4	25.9	32.3	21	93	95	79	59	72	80	79.7	.....
7..	57.96	58.13	59.13	57.24	57.74	59.33	58.26	23	22	28	28.1	23.8	22.7	24.6	29.3	21.8	84	87	63	60	77	85	76	.....
8..	58.98	59.39	60.73	59.40	59.69	60.84	59.84	22.1	21.5	27.2	28	23.7	22.1	24.1	28.3	21.2	90	83	68	65	77	85	78	.....
9..	60.16	60.65	61.91	60	60.64	61.39	60.79	21.8	21.6	24	25.5	23.8	23.4	23.4	27.1	21	86	86	79	65	77	85	79.7	.....
10..	60.36	60.48	60.94	60.32	60.71	61.69	60.75	23.2	22.4	25.3	26.7	23.3	22.5	23.9	29.2	22.3	86	90	74	69	80	87	81	.....
11..	60.44	60.57	62.13	59.76	59.89	60.31	60.52	22	22.8	24.5	25.8	24.3	23.4	23.8	26.9	21.7	91	84	76	73	82	89	82.5	1.8
12..	59.42	59.83	60.81	59.06	59.58	60.30	59.83	23.2	21.8	24.5	25.1	23.1	22.4	23.4	25.3	21.5	90	92	75	83	90	84	85.7	.5
13..	59.43	59.84	60.34	58.34	58.79	59.68	59.40	22.5	22.8	26.7	29.8	24.8	24.7	25.2	30.5	22	87	89	71	60	84	91	80.3	.....
14..	58.66	59.11	59.44	57.33	57.93	59.23	58.62	23.7	21.5	31.4	32.7	26.7	22	26.3	34.1	21	84	91	57	57	79	91	76.5	.....
15..	58.36	59.10	60.04	56.91	58.30	59.90	58.77	22.4	23	30.6	34.2	26.1	24.1	26.7	34.3	20.6	88	84	62	54	83	84	75.8	.....
16..	59.79	60.24	61.80	59.57	60.45	61.84	60.62	23.8	23.5	26.8	27.3	24	23.7	24.8	27.8	22.6	84	84	71	68	83	85	79.2	.....
17..	61.03	61.41	62.53	60.32	61.28	62.34	61.48	23.1	22.7	27.5	28.8	23	22.5	24.6	29.2	22	90	85	66	65	83	87	79.3	.....
18..	61.64	61.64	62.63	60.48	61.04	62.76	61.70	21.7	21.3	25.8	26.3	22.3	21.8	23.2	27.7	21	85	88	60	67	80	84	77.3	.....
19..	61.11	61.09	62.92	60.83	61.26	62.47	61.61	21	23.2	23.9	20.8	20.2	21.7	25	20.2	82	86	73	69	83	88	80.2	.....
20..	61.51	61.86	62.80	60.39	61.15	62.30	61.67	20.3	20.8	25.5	26.1	22	21.2	22.6	28.1	20	88	83	58	57	82	85	75.5	.....
21..	61.19	61.89	63.06	60.74	61.16	62.60	61.77	21	21.5	27.8	28	23.3	21.5	23.8	30	19.5	87	84	65	68	75	87	77.7	.....
22..	61.21	62.58	63.31	61.18	61.61	62.74	62.10	18.6	18.5	26.3	23.4	22.4	22.7	22	28.1	17.5	89	91	67	85	88	85	84.2	.....
23..	61.69	62	63.36	60.77	61.81	63.48	62.18	22	21.7	25.2	28	23.5	21.6	23.7	28.6	20.4	91	85	74	63	88	86	81.2	.....
24..	62.56	62.94	63.99	62.12	62.34	63.34	62.88	20.4	20	26.5	26.7	23.8	22.3	23.3	29	19.8	92	94	66	64	77	88	80.2	.....
25..	61.26	61.35	63.19	61.27	62.49	62.09	61.94	22.7	22.5	27	27	24.9	22.7	24.5	28.8	22	87	87	60	63	84	85	77.7	3.1
26..	61.28	61.41	62.12	60.04	60.94	62.10	61.32	22.8	22.8	27	30.4	24.9	23.3	25.2	30.5	21.8	87	89	70	56	76	89	77.8	.5
27..	61.31	61.84	62.84	60 40	61.29	62.49	61.70	21.4	21.6	29.5	33.2	27.6	24.1	26.2	33.2	20.9	87	87	61	56	66	86	73.8	.....
28..	61.44	61.70	61.94	59.94	60.87	62.32	61.37	23.2	22.4	29.5	31.3	26.7	24.1	26.2	31.5	22.3	84	83	68	64	79	91	78.2	.....
Mean	60.12	60.48	61.53	59.44	60.02	61.12	60.45	22.2	21.9	26.9	28.1	24.4	22.9	24.4	29.4	21.2	88	87.5	68.7	65.5	80	86.2	79.3	.....
Total	.....																							5.9

Day.	Wind.										Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	ENE	NE	NE	82.7	93.8	92.8	80.2	349.5	9	A.-S.	ENE S.-Cu. NE	10	A.-S.	S.-Cu. NE
2..	NE	ENE	ENE	NE	NE	NE	60.4	70	88.5	34.9	253.8	10	A.-S.	S.-Cu.	10	A.-S.	Fr.-N.
3..	Calm	NE	NE	NE	NE	NE	30 9	55.3	79.1	45.4	210.7	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N.
4..	NE	NE	NE	NE	S	E	21.2	25.7	29.5	23.9	100.3	5	Ci.	Cu.	10	A.-S.	S.-Cu. NE
5..	E	E	SW	SW	Calm	NE	29.5	30.1	30.8	21.2	111.6	2	Ci.	.....	8	Ci.-S.	Cu.-N. NNE
6..	NE	NE	SW	SW	S	NNE	28	38	50.9	33.2	150.1	3	Ci.	.....	7	Ci.	Cu.
7..	NE	NE	NE	NE	NE	NE	31.9	74.6	121.8	56.8	285.1	4	Ci.	Cu.	7	Ci	Fr.-Cu. NE
8..	NE	NE	NE	ENE	ENE	NE	48.9	68.1	88.7	28.7	234.4	5	Ci.	Cu.	6	Ci.	Fr.-cu. ENE
9..	ENE	NE	ENE	NE	NE	NE	29.2	67	99.2	43.5	238.9	10	A.-S.	S.-cu. ENE	10	A.-S.	S.-Cu.
10..	ENE	NE	ENE	ENE	NE	NE	51.8	81.9	87.7	39.6	261	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
11..	NE	NE	NE	NE	E	NE	78.6	51.5	63.1	43.5	236.7	10	A.-S.	NNE S.-Cu. NE	10	A.-S.	S.-Cu.
12..	Calm	NE	ENE	ENE	ENE	ENE	18.8	44	49.6	29.8	142.2	10	A.-S.	E Fr.-N. NE	10	A.-S.	Fr.-N. NE
13..	NE	NE	NE	ENE	NNE	Calm	19.1	30.1	[a]34.6	10.5	94.3	9	Ci.-S.	S.-Cu. NE	10	A.-S.	S.-Cu.
14..	Calm	Calm	NE	NE	NE	Calm	.....	[b]43.6	78.1	24.3	[c]146	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
15..	S	NE	NNE	NNE	SE	NE	38.8	53.6	54.2	23	169.6	4	Ci.	Cu. NE	8	Ci.-S.	Cu.-N.
16..	NE	Calm	ENE	ENE	ENE	ENE	20.9	115.9	169.2	117.2	423.2	5	Ci.	Cu. NE	8	Ci.-S.	Cu.-N. NE
17..	NE	NE	ENE	ENE	ENE	NE	123.7	137.6	159.9	85	506.2	6	Ci.	Cu. NE	6	Ci.	Cu.
18..	NE	NE	NE	ENE	ENE	NE	90.1	148.2	164.9	114.8	518	5	Ci.	Fr.-cu. NE	9	Ci.-S.	Cu.-N.
19..	ENE	NE	ENE	ENE	NE	NE	130.6	133.4	135.5	139.8	539.3	10	A.-S.	E S.-Cu. NE	10	A.-S.	S.-Cu.
20..	NE	NE	NE	NE	NE	NE	113	125.8	134.4	83.7	456.9	10	A.-S.	S.-Cu. NE	8	Ci.-S.	Cu.-N.
21..	NE	NE	NE	ENE	NE	Calm	53.9	113	117.2	43.1	327.2	10	A.-S.	ENE S.-Cu. NE	8	Ci.-S.	Cu.-N.
22..	Calm	Calm	NE	ENE	NE	ENE	19.6	63.1	124.5	48.1	255.3	7	Ci.-S.	Fr.-Cu. E	10	A.-S.	Fr.-N. E
23..	NE	NE	ENE	NE	NE	NE	77.7	127.4	154.8	79.2	439.1	8	Ci.-S.	ENE S.-Cu. E	8	Ci.-S.	Fr.-Cu. E
24..	NNE	NE	NE	ENE	ENE	NE	69.8	124.2	137.4	68.9	400.3	4	Ci.	Cu.	8	Ci.-S.	Cu.-N. NE
25..	NE	NE	ENE	ENE	ENE	ENE	57.4	117.7	130.6	99.5	405.2	10	A.-S.	NNE S.-Cu. E	9	Ci.-S.	Cu.-N. E
26..	NE	NE	ENE	ENE	NNE	NE	66.3	84.7	116.4	54.7	322.1	9	Ci.-S.	Fr.-N. E	8	Ci.-S.	Cu.-N.
27..	NE	NE	NE	NE	NE	NE	28.2	74.6	57.4	38.1	198.3	5	Ci.	Cu.	7	Ci.-S.	Fr.-Cu. E
28..	E	NE	ENE	NNE	NE	ENE	38.8	106.4	112.9	43.7	301.8	5	Ci.	Fr.-Cu. E	6	Ci.	Cu.
Mean	.....						54.1	82.1	98.7	55.5	288.5	7.1	.....		8.5	.....	
Total	.....						.....				[d]8,077.1	.....			.....		

[a] 3 hours missing. [b] 2 hours missing. [c] 8 hours missing. [d] 11 hours missing.

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.97	61.04	61.47	59.54	60.67	62.15	60.97	23.1	20.4	28.3	31.3	26.1	23.7	25.5	32	20	85	92	68	58	68	77	74.7	.....
2..	61.23	61.89	62.99	61.42	62.19	63.62	62.22	23.1	23	28.1	30.1	25.3	23.9	25.6	30.2	22	79	79	63	58	74	76	71.5	.....
3..	62.74	63.13	64.14	62.04	62.33	64.14	63.09	23.3	23.5	27.6	29.7	25	23	25.4	30	22.7	84	84	66	60	83	86	77.2	.....
4..	63.01	62.94	63.44	61.22	60.94	62.83	62.40	22.3	22.2	28	27.5	25.2	24.3	24.9	29.8	22	83	86	63	66	82	89	78.2	.....
5..	61.98	62.24	62.60	60.28	61.10	62.07	61.71	23.2	22.5	29.8	31.3	26.2	24.2	26.2	32.2	21.9	82	87	60	58	75	82	74	.....
6..	61.36	61.74	62.52	60.27	61.19	62.07	61.52	23.3	23.6	27.5	29	25.4	24.7	25.6	30.3	23	80	78	62	64	76	78	73	.....
7..	60.96	61.14	61.88	59.77	59.93	61.59	60.88	23.6	23.2	29.5	30.1	25.4	23.7	25.9	30.9	23	84	84	63	64	80	85	76.7	.....
8..	59.94	60.03	60.73	58.79	59.06	60.44	59.83	23.2	23.6	27.5	27.9	25	24.3	25.2	28.2	23	81	78	60	64	83	89	75.8	1.1
9..	58.60	59.01	59.56	57.74	58.15	59.48	58.76	23.1	23.2	25.3	30.3	25.3	24.4	25.3	30.7	23	90	90	81	57	82	88	81.3	.8
10..	58.43	58.83	59.54	57.31	58.14	59.54	58.63	22.8	22.2	30	31	27.2	25.2	26.4	32.6	22.2	86	89	60	59	75	90	76.5	7.3
11..	59.08	59.15	60.69	58.29	58.89	60.14	59.37	22.4	21.7	26.4	31.2	25.9	24.1	25.3	31.4	21.6	88	85	81	58	77	86	79.2	.....
12..	58.53	59.55	60.42	58.22	58.79	59.94	59.24	22.6	22.5	29	30.8	26.3	24	25.9	31.5	20.8	88	87	64	60	75	86	76.7	.....
13..	58.43	59.06	59.63	57.46	57.72	59.03	58.56	22.7	23	30	32	26.3	23.7	26.3	32.7	21.7	85	91	65	61	82	84	78	.....
14..	58.46	59.46	59.94	57.08	57.34	59.15	58.57	22.2	20.6	28.2	32.7	27.7	23	25.7	33	20	89	92	66	57	65	91	76.7	.....
15..	58.18	58.41	59.87	57.72	58.49	60.14	58.80	22.2	21.1	30.7	29.3	27.3	24.7	25.9	32.2	20.8	89	92	61	69	75	86	78.7	.....
16..	59.35	60.04	60.63	59.03	59.68	60.89	59.94	23.4	22.3	28	26.3	25	22.5	24.6	30	22	88	92	70	74	82	87	82.2	.....
17..	60.49	60.85	61.74	59.74	61.19	62.18	61.03	22.3	22	28.4	29.3	24.6	23	24.9	31.4	21.8	88	91	61	62	77	83	77	.....
18..	61.01	61.19	62.58	60.04	61	62.44	61.38	21.7	21	27.8	29.5	26.6	21.7	24.7	31.4	20.1	85	91	61	61	72	85	75.8	.....
19..	61.29	61.70	62.20	59.83	59.99	61.14	61.02	19.2	18.5	29.6	32.9	28.3	21.4	25	33	18	92	91	63	56	68	87	76.2	.....
20..	60.36	60.95	61.10	58.27	58.95	60.28	59.98	22	19.5	28.1	33.2	26.7	20.7	25	33.2	18.4	93	91	71	56	79	91	80.2	.....
21..	59.21	59.48	60.12	57.52	58	59.46	58.96	20.3	19.2	28.3	32.3	27.8	21.2	24.8	32.4	18.2	91	92	68	59	71	89	78.3	.....
22..	58.86	59.79	60.48	57.75	58.79	60.49	59.36	21	19.3	29.4	34.4	29.4	23.4	26.2	34.7	18.6	93	91	62	55	66	88	75.8	.....
23..	59.83	60.16	60.12	57.28	57.74	59.02	59.02	21.6	19.5	28.8	34	28.8	22.5	25.9	34.6	19.4	93	91	67	52	65	87	75.8	.....
24..	57.86	58.16	58.97	56.72	57.36	59.05	58.02	20.3	19.5	31.8	31.4	29.2	24.5	26.1	32	19.3	91	91	55	57	68	87	74.8	.....
25..	58.53	58.73	59.38	57.22	57.74	59.05	58.44	22.8	21.3	29.3	32.6	29.8	24.8	26.8	34	21	84	92	69	63	66	84	76.3	.....
26..	58.11	58.86	59.82	57.16	57.75	59.89	58.60	22.3	22	29.5	33.2	30.6	27.7	27.6	33.3	21.8	88	91	68	54	62	72	72.5	.....
27..	59.26	59.67	60.83	58.37	59.07	60.69	59.65	25.9	24.2	33	33.3	29.3	25.7	28.6	34.9	22.5	77	86	61	54	66	79	70.5	.....
28..	59.92	59.99	60.69	58.18	57.87	59.79	59.41	23.4	22	29.8	33	28.3	26	27.1	33.2	21.3	88	93	62	57	68	76	74	.....
29..	59.31	59.80	60.56	58.03	58.13	60.17	59.33	25	24.5	29.3	33.4	28.5	24.7	27.6	34	22.2	83	79	62	60	67	84	72.5	.....
30..	59.21	59.51	59.99	57.87	58.51	60.37	59.24	23.2	23.1	31.5	33.5	28.2	26	27.6	34	21.3	90	90	57	54	70	82	73.8	.....
31..	59.58	59.89	60.77	58.87	59.16	60.79	59.84	25.8	25	30.7	30	25.3	24.9	27	31.9	24	85	90	61	64	77	83	76.7	2.3
Mean	59.81	60.21	60.95	58.68	59.22	60.71	59.93	22.7	21.9	29	31.2	27	23.9	26	32.1	21.2	86.5	88.3	64.5	59.7	73.4	84.4	76.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	NE	NE	NE	NE	NE	28.5	90.3	131.8	66.6	317.2	4	Ci.	Cu.	5	Ci.	Cu.
2..	NE	ENE	ENE	NE	NE	E	58.7	137.9	158.2	143.2	498	8	ci.-s. NNE	Cu.-N. E	8	Ci.-S.	Cu.-N.
3..	NE	NE	ENE	NE	ENE	NE	129.2	169.2	166	76.1	540.5	9	A.-S.	s.-Cu. ENE	8	Ci.-S.	Cu.-N.
4..	NE	ENE	E	ENE	NE	NE	73.5	127.1	135.2	106.2	442	7	Ci.	Cu. ENE	8	Ci.-S.	Cu.-N. E
5..	N	E	ENE	ENE	NE	NE	47.7	113.3	161.5	100	422.5	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. E
6..	NE	NE	ENE	NE	NE	NE	62	125.5	149.7	106.2	443.4	6	Ci.	Cu.	7	Ci.	Cu. E
7..	NE	NE	NE	NE	NE	NE	56.6	114	146.1	73.7	390.4	6	Ci.	Cu. E	7	Ci.	Cu. E
8..	NE	NE	ENE	ENE	NE	NE	47.8	111.8	104.9	85.3	349.8	7	Ci.-S.	Cu.-N. E	7	Ci.	Fr.-Cu. E
9..	NE	NE	NE	NE	NE	NE	76.2	63.8	107.5	45.6	293.1	10	A.-S.	S.-Cu. E	8	Ci.-S.	Cu.-N.
10..	Calm	Calm	ENE	NE	NE	NE	32.7	62.2	86.1	23.1	204.1	5	Ci.	Cu. E	8	.....	Cu.-N. E
11..	NE	Calm	NE	NE	NE	NE	32.4	62.8	83.5	48.1	226.8	8	ci.-s. NNE	Cu.-N. E	7	Ci.	Cu.
12..	NE	NE	ENE	ENE	NE	NE	33.2	79.1	108.9	52	273.2	4	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
13..	NE	NE	NNE	NNE	Calm	NE	33	80.2	69.8	21.2	204.2	8	ci.-s. ENE	Cu.-N. E	7	Ci.	Cu.
14..	NE	Calm	SW	S	WSW	NE	26	37.3	93.5	33.3	190.1	4	Ci.	Cu. E	6	Ci.	Cu.
15..	NE	Calm	NE	SW	SE	NNE	30.8	38.3	63.6	45.4	178.1	2	Ci.	.....	6	Ci.	Cu.
16..	NE	NE	NE	S	NE	Calm	39.1	66.8	46.1	40.5	192.5	7	Ci.	Cu. ENE	7	Ci.	Cu.
17..	NE	NNE	NE	SW	SW	Calm	50.5	76.9	59.5	31.9	218.8	5	Ci. NE	Cu. E	9	Ci.-S.	Cu.-N. SSE
18..	E	NE	SW	NE	NE	NE	25.1	30	86.6	76.6	218.3	2	Ci.	.....	6	Ci.	Cu.
19..	Calm	NE	NE	NNE	NE	Calm	43.3	55.8	72.6	25.9	197.6	2	Ci.	.....	5	Ci.	Cu.
20..	Calm	NE	NNE	NE	Calm	Calm	27.6	57.4	65.4	17.7	168.1	2	Ci.	.....	7	Ci.-S.	Cu.
21..	NE	Calm	NE	NE	NE	NE	30.6	54.5	89.3	23.9	198.3	5	Ci.	Cu.	4	Ci.	Cu.
22..	NE	Calm	NE	NE	NE	Calm	25.5	79.2	97.6	25.2	227.5	3	Ci.	.....	5	Ci.	Cu.
23..	NE	Calm	N	NE	NE	NE	28.7	67.4	64.7	30.3	191.1	2	Ci.	.....	6	Ci.	Cu.
24..	Calm	Calm	SW	NNE	SE	NE	17.7	37	70.5	28.4	153.6	2	Ci.	.....	5	Ci.	Cu.
25..	NE	NE	SW	SW	S	NE	28.7	43	63	25.4	160.1	2	Ci.	.....	5	Ci.	Cu.
26..	Calm	NE	SW	SW	E	NE	30.9	40.2	37	37.6	145.7	3	Ci.	.....	5	Ci.	Cu.
27..	NE	NE	NE	ENE	ENE	NE	38.3	84.7	125.3	59	307.3	5	Ci.	Cu. E	7	Ci.	Cu.
28..	Calm	E	ENE	ENE	NE	Calm	25.2	48.1	83.4	44.3	201	4	Ci.	Cu.	5	Ci.	Cu.
29..	NE	NE	NE	NE	NE	NE	54.4	88	70.3	29.3	242	10	A.-S. ENE	S.-Cu. E	7	Ci.	Cu.
30..	E	NE	NE	NE	NE	NE	28.2	58.9	85.5	62.8	235.4	5	Ci.	Cu.	6	Ci.	Cu. E
31..	NE	NE	ENE	NE	NE	NE	67.8	84.2	55.8	40.7	248.5	8	Ci.-S.	Cu.-N. ESE	9	A.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	42.9	76.9	94.8	52.4	267.1	5.2	.....	.....	6.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,279.2	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.42	59.64	60.45	58.14	58.32	60.07	59.34	24.8	23.3	28.8	31.8	27.6	24.5	26.8	32.2	23	85	89	65	55	73	81	74.7	0.5
2..	59.24	59.40	59.77	57.70	57.76	59.13	58.83	23.8	23.4	31.3	33.8	27.8	25.7	27.6	34.8	23	85	89	58	57	71	82	73.7	.....
3..	58.12	58.68	59	56.98	57.22	59.35	58.22	24.9	24	31.4	33.1	27.8	25.2	27.7	34	23.6	86	91	57	55	71	82	73.7	.....
4..	58.61	59.36	59.52	57.58	58.47	59.83	58.90	23.7	20.4	29.5	32.7	27.9	24	26.4	32.8	20.4	84	92	59	57	71	88	75.2	.....
5..	58.66	58.93	60.03	57.84	57.92	59.40	58.80	23.1	21	30.7	32.9	28.3	24.4	26.7	33.2	20.8	85	91	61	56	68	88	74.8	.....
6..	58.19	58.40	58.74	56.48	57.02	58.66	57.92	23.9	23	31.4	33	29.9	25.7	27.8	34	23	84	90	57	61	65	78	72.5	.....
7..	57.71	57.96	58.43	55.57	55.77	58.21	57.28	25	24.8	30.3	33	30	23.2	27.7	34.2	21.7	83	84	57	55	65	90	72.3	.....
8..	57.66	57.88	58.56	56.30	56.50	58.84	57.62	24.4	22	32.7	34.2	30.4	24.2	28	36	21.3	88	91	57	55	63	85	73.2	.....
9..	57.85	58.38	59.08	56.56	56.66	59.24	57.96	21.2	21	31.8	35.8	31.2	23.3	27.4	36	20	89	91	61	48	58	80	71.2	.....
10..	58.36	58.48	59.48	56.59	56.99	59.42	58.22	21.7	22	32.7	33.5	29.7	27.2	27.8	37.3	21	85	87	55	54	70	80	71.8	.....
11..	57.89	58.16	58.92	56.31	56.81	58.15	57.71	23	23.2	30.5	35	30.6	26	28	36	22.2	91	90	56	51	60	78	71	.....
12..	57.16	57.45	57.86	55.45	55.44	57.03	56.73	25.3	22.9	30.9	34.9	28.7	25.7	28.1	35.3	22.8	81	83	60	52	73	78	71.2	.....
13..	55.80	55.68	57.11	54.85	55.26	57.29	56	22.3	20.7	28.7	32	29.5	26.8	26.7	33.2	20.7	80	89	66	60	68	78	73.5	.....
14..	56.49	56.82	57.39	55.24	55.64	57.59	56.53	22.8	22.7	30	31.4	29.8	26.7	27.2	32.5	22.3	87	85	65	65	66	79	74.5	.....
15..	57.34	57.54	58.74	57.08	56.64	58.30	57.61	26.4	25.3	27.4	27.4	26.8	25.4	26.4	29.2	24.7	82	86	74	76	75	80	78.8	.....
16..	57.51	58.45	59.15	57.14	57.22	59 06	58.09	24.8	22.7	30.3	31.4	28.4	25.8	27.2	33.7	22	84	89	59	60	70	79	73.5	.....
17..	58.12	59.27	59.74	57.59	57.79	60.08	58.76	23.2	23.7	31.3	33.9	28.7	25	27.6	35.2	22.4	90	86	58	51	66	83	72.3	.....
18..	59.29	60.21	60.62	58.62	59.05	61.08	59.81	24.7	23	29.7	34.4	29.3	25.3	27.7	34.8	23	81	87	60	54	69	81	72	.....
19..	60.30	60.69	61.52	59.23	59 81	61.89	60.57	23.2	21.4	30.2	34	28.2	25.3	27	34.6	21	84	87	58	53	69	81	72	.....
20..	60.47	60.76	61.47	59.35	59.40	60.75	60.37	25	24	31.6	34	29.7	26	28.4	34.2	23.8	77	80	56	52	60	84	68.2	.....
21..	59.72	59.81	60.92	58.79	58.61	60.24	59.68	24.4	23.6	30 7	33.3	29.5	24	27.6	34	22.7	82	86	61	54	55	86	70.7	.....
22..	58.60	58.73	59.67	56.90	58.32	59.29	58.58	23.3	21.5	33	34	28	23.2	27.2	34	21.3	84	87	55	54	70	84	72.3	17.8
23..	58.34	59.12	59.89	57.81	58.42	61.09	59.11	22.5	22.8	32	34	29.7	26.6	27.9	34.7	22.1	87	86	60	56	65	80	72.3	.....
24..	59.49	60.15	60.91	59.21	59.57	61.22	60.09	26	25.5	30.5	32.9	29	26.6	28.4	33.4	25.4	85	88	62	56	68	80	73.2	.....
25..	60.38	60.48	61 29	59.18	58.72	60.21	60.04	25.7	25.5	30.7	27.7	28.2	26	27.3	31.8	25	88	88	60	72	69	84	76.8	7.2
26..	58.77	59.04	59.64	57.87	57.55	59.59	58.74	24.2	24.5	32	27.3	27.8	25.4	26.9	34.9	23.4	90	92	60	86	78	88	82.3	11.9
27..	57.79	57.61	58.49	56.15	56.72	58.52	57.55	25	24.5	30.2	33.5	30.3	27.3	28.5	34	24	85	87	62	53	63	78	71.3	.....
28..	57.54	57.80	57.97	55.77	56.62	58.84	57.42	25.5	24	32.6	35	30.7	25.3	28.8	35.2	23.5	88	91	52	49	61	89	71.7	.....
29..	58.06	58.68	59.28	57.37	57.74	58.89	58.34	22.5	22.4	32.8	33.5	29.4	25.7	27.7	34.2	21.9	92	92	56	52	66	86	74	.....
30..	58.56	59.57	59.30	57.56	57.91	59.14	58.67	25.5	25.4	33.2	28.7	29.3	26.2	28	35.4	23.7	88	88	60	73	69	82	76.7	12.5
Mean	58.38	58.77	59.43	57.24	57.53	59.35	58.45	24.1	23.1	31	32.7	29.1	25.4	27.6	34.2	22.5	85 3	88.1	59.6	57.7	67.2	82.4	73.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	ENE	NE	NE	38.3	55.5	63.8	41.2	198.8	9	Ci.-S.	E S.-cu. ESE	9	Ci.-S.	Cu.
2..	NE	Calm	NE	NE	NE	NE	34.3	60.2	57.9	38.6	191	7	Ci.-S.	E Cu. ESE	5	Ci.	Cu.
3..	Calm	Calm	NE	NE	Calm	Calm	23.9	46.1	42.4	17.9	130.3	8	Ci.-S.	Cu.-N. E	5	Ci.	Cu.
4..	Calm	Calm	Calm	NE	NE	Calm	10.3	54.9	132.8	34.4	232.4	6	Ci.	Cu.	6	Ci.	Cu. E
5..	Calm	Calm	ENE	ENE	NE	Calm	22.7	80.5	119.1	34.3	256.6	4	Ci.	Cu.	5	Ci.	Cu.
6..	NE	NE	NNE	NE	NE	Calm	50.1	65.4	89.6	38.8	243.9	3	Ci.	.....	6	Ci.	Cu.
7..	NNE	NE	NE	NE	NE	E	31.2	54.4	54.7	23.8	164.1	10	A.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N.
8..	Calm	Calm	ESE	NE	E	Calm	28	46.4	72.9	22.8	170.1	3	Ci.	.....	6	Ci.	Cu.
9..	NE	Calm	NNE	NNE	ENE	NE	26.6	38.6	67	30.8	163	3	Ci.	.....	6	Ci.	Cu.
10..	Calm	Calm	NNE	SW	SW	Calm	28.4	42.3	70.6	45.6	186.9	7	Ci.	Fr.-cu. ENE	4	Ci.	Cu.
11..	Calm	N	ENE	ENE	E	NE	19	61.8	100.6	38.9	220.3	5	Ci.	Cu. E	5	Ci.	Cu.
12..	ENE	Calm	ENE	NE	S	Calm	32.4	67.1	62.5	30.6	192.6	6	Ci.	Fr.-Cu. E	5	Ci.	Cu.
13..	NE	Calm	Calm	SSW	SW	Calm	27.9	30.6	79.5	46.4	184.4	10	A.-S.	S.-Cu. SE	5	Ci.	Cu.
14..	Calm	E	SW	SSW	S	S	22.2	34.4	109.4	43	209	5	Ci.	Cu. SE	7	Ci.-S.	Cu.
15..	NE	NE	NE	NE	Calm	NE	31.9	55.2	45.4	20.9	153.4	10	A.-S.	s.-cu. ESE	10	A.-S.	S.-Cu. E
16..	Calm	Calm	ENE	NE	NE	Calm	16.4	43.1	70.8	28.5	158.8	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
17..	Calm	Calm	NNE	NE	NE	Calm	15.8	37.8	97.2	26.6	177.4	10	A.-S. ENE	S.-Cu. E	5	Ci.	Cu.
18..	Calm	Calm	SW	NE	NE	Calm	25.9	40.2	94.1	25.1	185 3	10	A.-Cu. E	Cu.-N. SE	5	Ci.-Cu.	Cu.
19..	Calm	Calm	NE	ENE	ENE	Calm	21.4	50.2	107.5	38.1	217.2	2	Ci.	.....	6	Ci.	Fr.-Cu.
20..	NE	NE	ENE	ENE	NE	NE	47.5	71.4	104	45.7	268.6	4	Ci.	Cu.	4	Ci.	Cu.
21..	NE	NE	NE	NNE	NE	Calm	56.6	76.2	80.8	22.7	236.3	5	Ci.	Cu. E	6	Ci.-Cu.	Cu.
22..	NE	Calm	NNE	SW	Calm	NE	22.7	40.2	50.1	34.4	147.4	4	Ci.	Cu. E	4	Ci.	Cu.
23..	Calm	Calm	SE	NE	NE	NE	20.1	45.1	106.8	65.4	237.4	6	ci.-cu. NNE	Cu. E	6	Ci.-Cu.	Cu.
24..	NE	NE	NE	NE	NE	NE	46.7	87.7	130.2	71	335.6	9	Ci.-S.	s.-cu. ESE	6	Ci.	Cu.
25..	Calm	NE	NE	NE	NE	NE	40.7	78.3	91.1	53.9	264	10	A.-S.	S.-Cu. SE	10	A.-S.	N.
26..	Calm	Calm	NE	ENE	NE	Calm	26.8	67.4	39.1	24.7	158	10	Ci.-S.	Cu.-N. SE	10	A.-S.	N.
27..	NE	Calm	ENE	SW	E	NE	35.9	33.8	34.6	35.6	139.9	10	A. S.	S.-Cu. E	7	Ci.-S.	Cu.
28..	Calm	Calm	ENE	ENE	NE	Calm	24.1	38.3	52.8	25.5	140.7	6	Ci.	Cu. E	5	Ci.	Cu.
29..	Calm	Calm	NE	NE	Calm	Calm	27.4	35.6	45.7	.....	[a]108.7	5	Ci.	Cu.	9	Ci.-S.	S.-Cu.
30..	Calm	NE	SE	E	NE	NE	[b]12.6	73.4	75.8	55.3	217.1	6	Ci.	Cu.	10	A.-S.	N.
Mean	.....	.....	.....	.....	.....	.....	28.9	53.7	78.3	36.6	196.3	6.7	.....	.....	6.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]5,889.2	.....	.....	.....	.....	.....	.....

[a] 6 hours missing. [b] 4 hours missing. [c] 10 hours missing.

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.29	58.75	59.29	57.16	57.22	58.85	58.26	25.3	24	32.4	34	30.3	26.8	28.8	35.7	23.8	83	87	59	56	57	78	70	0.3
2..	57.71	58.36	59.15	56.62	56.79	58.24	57.81	26.2	25.2	28.6	34.1	29.5	26.3	28.3	34.2	24.8	85	90	77	55	61	82	75	2.3
3..	57.51	58.04	58.66	56.89	57.58	59.13	57.97	25.1	24.7	31.3	34.7	29.8	27.1	28.8	35.3	24.7	91	90	58	53	66	79	72.8	.....
4..	57.94	58.99	59.61	56.90	57.43	59.93	58.47	26.3	25.3	33.7	34.4	31.8	25.8	29.6	36.2	24.6	82	89	53	55	61	81	70.2	.....
5..	58.88	59.03	59.66	57.32	58.16	59.59	58.77	26.2	25	33.1	33	30	27.4	29.1	35.4	24.9	84	92	57	54	65	74	71	.....
6..	58.27	58.43	59.01	56.30	57.07	59.01	58.02	26.6	26.1	33.7	35.5	30.5	27.7	30	35.7	25.9	80	86	52	49	60	78	67.5	.....
7..	57.24	58.16	58.41	55.45	56.12	57.45	57.14	26.4	25.5	33.3	34.2	30.7	26	29.4	37.2	24.9	82	84	54	52	62	84	69.7	.....
8..	57.24	58.16	58.41	55.45	56.12	57.45	57.14	26.4	25.5	33.3	34.2	30.7	26	29.4	37.2	24.6	84	86	55	72	67	85	74.8	.....
9..	56.24	56.38	57.37	55.51	55.54	57.24	56.38	26	25.7	31.8	29.2	29.7	26	28.1	35.2	24.6	84	92	65	53	75	82	76	3
10..	56.02	56.19	57.13	54.60	55.76	58.27	56.33	24.5	23.7	30	33.8	29.4	26.2	27.9	35.7	23.5	89	92	56	79	84	91	82	42.2
11..	57.06	57.21	57.89	56.84	57.13	59.11	57.54	25.3	25	32.8	26.7	27.7	25.1	27.1	34	24.5	90	92	59	47	62	85	73.5	.....
12..	58.16	58.31	58.64	56.55	57.69	58.84	58.03	23.8	24	32.3	35	30.9	25.9	28.6	35.2	23.3	92	96	59	47	62	85	73.5	.....
13..	57.77	58.02	58.82	57.39	57.57	58.30	57.98	25	25.2	30.7	32.2	27.8	27	28	33.5	24.8	92	91	62	55	71	77	74.7	12.7
14..	57.31	57.67	58.78	57.78	58.32	59.42	58.21	26.3	25.1	31.2	30	28.3	25.8	27.8	31.3	25	85	91	62	65	75	85	77.2	.3
15..	59.01	59.13	59.53	58.19	58.57	59.83	59.04	25.3	25.3	32.2	31.3	28.4	26.3	28.1	34.1	25	87	86	59	64	75	85	76	10.9
16..	59.01	59.90	59.64	57.29	57.67	59.08	58.78	25	25.6	32	34.4	29.8	26	28.8	35	24.8	92	87	66	52	60	84	75.2	.....
17..	58.15	58.69	58.34	56.05	56.16	57.82	57.54	26.1	24.5	32.3	34.8	30.8	27.1	29.3	35	24.4	85	87	59	52	60	79	70.3	.....
18..	56.91	57.12	57.27	55.42	56.11	58.02	56.81	26.1	24.2	32.4	33.8	27.7	26.8	28.5	35.1	24.2	85	90	56	58	79	83	75.2	9.7
19..	56.95	57.05	57.97	55.90	57.04	58.53	57.24	26.2	25	31	34.5	29.5	27	28.9	35.1	24.9	82	85	60	53	65	78	70.5	.....
20..	57.57	57.86	58.04	56.46	56.42	58.23	57.43	26	25.8	33.3	31.2	30.4	25.9	28.8	34	25.4	85	85	55	58	63	85	71.8	.....
21..	57.69	57.94	58.44	56.20	56.34	57.84	57.41	26.2	24.5	32.8	35	31.4	26.1	29.3	35.8	24.5	85	92	56	47	57	85	70.3	.....
22..	57.21	57.41	57.97	55.85	55.92	58.10	57.08	25.3	24.5	30.4	33.5	30.8	26.3	28.5	34.2	24.3	89	87	63	54	60	82	72.5	.....
23..	57.56	57.97	58.52	56.38	56.57	58.34	57.56	24.2	23.2	31.5	35.4	31.2	29	29.1	37	22.8	91	93	58	52	64	71	71.5	.....
24..	57.44	58.11	58.19	56.28	55.55	57.57	57.19	25.8	24.6	32.2	30.3	30.6	26.2	28.3	34.5	24.5	85	87	60	71	68	83	73.7	.....
25..	56.95	57.25	57.58	55.40	55.50	57.24	56.65	25.1	24.4	32.8	33.3	31.6	26	28.9	35.4	24.4	91	92	58	55	59	85	73.3	.....
26..	56.50	57.07	57.72	55.63	55.54	57.67	56.69	24.1	24.5	31.8	34.6	32	29.4	29.4	34.7	23.6	91	88	62	52	60	68	70.2	
27..	56.62	56.80	58.04	56.28	57.04	58.56	57.22	26.3	25.1	31.7	33.8	29.2	28	29	35.1	25	82	87	58	53	70	74	70.7	.....
28..	57.52	58.09	58.63	56.69	57.67	58.55	57.86	25.8	25.3	32.2	33.1	29.2	27.1	28.8	33.2	25.2	87	89	60	57	70	78	73.5	.....
29..	58.14	58.36	58.32	56.70	56.46	58.13	57.68	24.4	24.8	32.5	31.8	31.3	28	28.8	35.4	23.7	93	92	60	61	61	80	74.5	.....
30..	57.34	57.83	58.09	56.80	57.27	59.01	57.72	25.2	25.0	33.8	31.4	29.8	27.2	28.7	36.3	24.8	95	96	57	60	76	76	76.7	.....
31..	58.61	58.95	59.04	56.69	58.15	59.31	58.46	26.4	25.3	31.8	35.7	24.3	24	27.9	36.6	23.2	86	89	63	48	89	91	77.7	23.9
Mean	57.63	58	58.47	56.47	56.89	58.54	57.67	25.5	24.8	32.	33.2	29.8	26.6	28.7	35	24.4	87.1	89.2	59.5	56.4	66.9	81.1	73.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	NNE	44.8	55.8	90.1	71.1	261.8	4	Ci.	Cu. E	9	Ci.-S.	Cu.-N. E
2..	NE	NE	ENE	NE	ENE	NE	39.6	45.4	109.4	60	254.4	10	A.-S. ENE	S.-Cu. E	5	Ci.	Cu.
3..	NE	NE	NE	NNE	NE	NE	57.4	72.4	109.1	56.3	295.2	6	Ci.-Cu.NNE	Cu. E	5	Ci.	Cu. E
4..	NE	NE	E	NE	E	Calm	37.8	51.3	56.8	21.7	167.6	7	Ci.-S.	Cu.-N. ENE	7	Ci.	Cu.
5..	NE	E	SE	NE	ENE	NE	36.7	61.5	117.5	83.5	299.2	5	Ci.	Cu. ENE	7	Ci.	Cu.
6..	NE	NE	NE	NE	NE	NE	61.4	77.2	119.1	64.7	322.4	5	Ci.	Cu. ENE	5	Ci.	Cu.
7..	NE	NE	NE	ENE	NE	Calm	46.4	60	66.5	24.7	197.6	7	Ci.-S.	Cu. E	10	A.-S.	S.-Cu.
8..	E	Calm	NE	ESE	E	Calm	24.1	45.4	55.8	26.4	151.7	5	Ci.	Cu. SE	10	A.-S.	N.
9..	E	Calm	Calm	SW	SW	E	23.6	24.1	32	47	126.7	5	Ci.	Cu. SE	5	Ci.	Cu.
10..	Calm	Calm	E	Calm	Calm	Calm	28.7	32.4	26	20.7	107.8	6	Ci.	Cu. SE	10	A.-S.	N.
11..	N	Calm	NNE	NE	NE	NE	22.5	47.3	70	27.2	167	7	Ci. NE	Cu. E	7	Ci.-Cu.	Cu.
12..	Calm	NE	NE	NE	E	NE	23.5	55.3	56.6	45.9	181.3	5	Ci.	Cu. E	9	Ci.-S.	Cu.-N.
13..	NE	Calm	NE	NE	NE	NE	41.2	73.7	93.9	58.7	267.5	8	Ci.-S.	S.-Cu. ESE	9	A.-S.	S.-Cu.
14..	Calm	Calm	NE	NE	Calm	Calm	19	50.1	52.9	32.8	154.8	10	A.-S.	S.-Cu. ESE	10	A.-S.	N.
15..	Calm	Calm	NE	ENE	Calm	Calm	24.6	46.7	52.1	19.6	143	5	Ci.	Cu. ESE	7	Ci.-S.	Cu.-N.
16..	NE	Calm	NE	NE	NE	Calm	27.1	33.8	65.5	22.7	149.1	7	Ci.-S.	Fr.-Cu. SE	4	Ci.	Cu.
17..	NE	Calm	NNE	NNE	E	Calm	23.6	30.6	41.5	21.4	117.1	3	Ci.	.....	9	Ci.-S.	S.-Cu.
18..	Calm	NE	Calm	ESE	E	Calm	21.9	24.6	36.4	26.9	109.8	4	Ci.	Cu. SE	8	Ci.-S.	Cu.-N.
19..	NE	NE	E	NW	E	Calm	29	42.4	35.9	19.8	127.1	7	Ci.	Cu. E	10	A.-S.	S.-Cu.
20..	NE	Calm	ESE	NE	Calm	Calm	28.7	42.8	61.2	26.6	159.3	5	Ci.	Cu. E	5	Ci.	Cu.
21..	Calm	Calm	Calm	Calm	E	Calm	19.3	28.2	27.9	25.1	100.5	4	Ci.	Cu. E	5	Ci.	Fr.-Cu.
22..	NE	E	W	Calm	SW	Calm	27.2	26	67.3	64.4	184.9	6	ci.-cu. NW	Cu. E	5	Ci.	Cu.
23..	NE	NE	S	WNW	Calm	N	35.1	34.9	41.8	20.6	132.4	6	Ci.	Cu. E	9	Ci.-S	S.-Cu.
24..	N	N	SW	SSW	SW	N	24.3	33.3	77.4	31.2	166.2	5	Ci. ENE	Cu. SE	9	Ci.-S.	Cu.-N.
25..	Calm	NE	S	SSW	WWS	SW	34.6	37	113.7	37.3	222.6	4	Ci.	Cu.	5	Ci.	Cu.
26..	NE	Calm	Calm	SE	SE	SE	26.8	28.4	94.8	29.8	179.8	10	A.-S. E	S.-Cu. SE	5	Ci.	Cu
27..	Calm	Calm	E	WSW	SW	Calm	20.3	41.8	73.2	32.8	168.1	5	Ci.	Cu. SE	5	Ci.	Cu.
28..	Calm	Calm	SW	NE	SW	Calm	22	38.1	34.9	38	133	9	Ci.-S. NE	Cu.-N. SE	9	Ci.-S.	Cu.-N.
29..	Calm	NE	S	E	SW	Calm	28.4	30.3	35.4	23.8	117.9	5	ci.-cu.NNE	Cu. SW	10	A.-S.	N.
30..	NE	Calm	SW	W	NE	Calm	26.4	23.8	43.3	23.8	117.3	5	Ci. ENE	Cu. SW	10	A.-S.	Cu.-N.
31..	Calm	Calm	SW	Calm	SW	NE	25.2	34	45.7	31.2	136.1	10	A.-S. ESE	s.-cu. SSW	6	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	30.7	42.9	64.6	36.6	174.8	6.1	.....	.....	7.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,419.2	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.39	59.45	59.76	57.82	57.93	59.64	58.83	26	25.4	33	33	29.8	25	28.7	34	24.9	85	88	56	56	66	92	73.8	.....
2..	58.70	58.83	59.30	57.42	58.07	59.27	58.60	24.7	25.3	33.2	27.3	28	25.5	27.3	36.2	23.8	88	89	54	75	77	84	77.8	.....
3..	58.06	58.15	58.14	55.81	56.60	58.11	57.48	24.6	24.5	33.7	34.8	30.8	27	29.2	35.3	24	88	87	52	52	60	78	69.5	.....
4..	57.50	57.58	57.57	55.75	56.26	58.06	57.12	25	25.5	32.7	34.8	30.2	27	29.2	35.3	25	87	84	57	53	61	78	70	.....
5..	56.55	56.51	56.56	55.41	55.94	56.79	56.29	26	25	31.8	29.4	25.1	25	27	35	24.3	85	92	64	69	91	92	82.2	9.9
6..	55.60	55.54	55.45	54.64	54.84	56.16	55.37	24	23.4	30.3	27.7	27.2	25	26.3	31.2	23.2	93	93	63	75	78	85	81.2	5.6
7..	55.66	55.75	56.44	55.53	55.94	58.30	56.27	24.8	24.5	30.3	28.3	28.7	26	27.1	30.8	23.9	86	87	64	75	75	84	78.5	2
8..	57.28	58.05	59.05	58.12	58.04	59.79	58.39	25.7	25.8	30.8	29.5	28.1	25.3	27.5	31.7	24	88	89	62	68	77	89	78.8	.....
9..	58.34	58.87	59.32	58.14	58.02	59.31	58.67	23.2	22.2	30.1	32.3	28.3	26.4	27.1	34.2	21.9	90	93	65	59	72	81	76.7	2.3
10..	58.41	58.24	58.43	57.43	57.15	57.39	57.84	24.8	24.6	29.5	27.5	25.2	24.5	26	30.4	24	92	93	78	84	90	91	88	6.6
11..	56.94	56.76	57.34	56.13	56.68	58.16	57	24.1	24	30.2	30	26.2	25.8	26.7	31.2	23.9	96	96	66	65	87	88	83	1.8
12..	57.48	57.45	57.82	56.92	56.92	58.89	57.58	23.4	23.8	30	28.8	29.1	26.9	27	32.6	23.4	93	93	65	68	74	80	78.8	.....
13..	58.31	58.34	58.67	57.99	58.37	59.14	58.47	25.3	24.6	30.4	28.4	28.7	25.9	27.2	33.1	23.7	91	92	64	75	69	85	79.3	.....
14..	58.76	58.89	59.07	57.06	58.08	59.34	58.53	25	24.9	30.6	33.9	29.8	26.7	28.5	34.3	24.4	92	87	71	55	69	81	75.8	.....
15..	58.69	58.80	58.57	57.34	58.22	59.34	58.49	24.7	24	32.3	30.3	26.2	25	27.1	33	24	91	96	60	64	85	92	81.3	2.3
16..	58.86	59.34	59.42	56.95	57.13	59.18	58.48	24.5	24.3	32.3	34.5	30.7	25.6	28.6	36	24	89	90	59	54	61	89	73.7	.....
17..	58.41	59.20	59.12	56.97	57.72	59.31	58.46	25.1	25.2	32.2	32.6	30	27	28.8	34.2	24.9	91	90	60	59	66	81	74.5	.5
18..	58.31	58.54	59.17	56.81	57.83	59.08	58.29	25.3	24.2	30.3	31.1	27.9	25.5	27.4	35.3	24	90	90	64	66	78	92	80	1.8
19..	58.05	58.94	59.13	56.75	57.02	59.33	58.20	25.3	24.2	31.7	33.3	29.7	27.2	28.6	34.9	24.1	94	93	58	54	63	78	73.3	.....
20..	58.61	59.10	59.39	57.73	57.79	59.14	58.63	25.4	25	31	32	29.8	27.1	28.4	32.1	24.9	87	88	61	61	69	81	74.5	2
21..	57.58	58.39	58.85	57.14	57.23	58.27	57.91	25.8	24.8	29.8	30.8	27.8	25.1	27.4	34.2	24	85	87	66	62	75	91	77.7	11.7
22..	57.64	57.70	58.10	56	57	56.63	58.09	57.46	24	24.3	29.9	31.7	29.6	26.2	27.6	32.4	23.9	91	91	69	58	70	83	77	.....
23..	57.10	57.54	57.62	56.16	56.22	58.06	57.12	24.1	24	30.6	33.7	30.8	25	28	34	23.9	95	95	63	53	63	92	76.8	.....
24..	57.62	57.75	56.96	55.12	55.78	57.53	56.79	25	24.9	31	31.3	29	26.5	28	32	23.7	87	86	65	59	71	82	75	.....
25..	56.26	56.84	56.77	54.95	54.95	56.17	55.99	24.1	23.5	30.2	34.5	31.4	27.1	28.5	34.8	23.3	91	94	72	52	58	78	74.2	.....
26..	54.71	54.77	55.43	54.49	53.94	55.28	54.77	25	24	31.3	30	28.9	26.3	27.6	32.7	23.9	88	91	64	69	78	85	79.2	2.8
27..	53.19	53.11	53.81	51.60	51	51.78	52.42	25.3	24.3	25	28.7	28.3	28	26.6	28.8	24.2	89	94	92	80	83	85	87.2	18.8
28..	49.79	49.31	49.85	48.04	47	47.64	48.60	28.4	26.8	25.7	24.8	25	25.3	26	28.5	24	86	90	88	90	92	89	89.2	216.2
29..	46.84	47.45	49.13	48.72	50.41	51.30	48.98	25	24.4	24.5	25	25	25.9	25	26	24.3	92	93	93	92	92	86	91.3	34.9
30..	51.34	52.53	54.24	53.66	54.19	55.85	53.64	26.8	26	26.2	26.9	25.2	24.3	25.9	27.7	24.3	85	85	83	80	90	89	85.3	1.5
Mean	56.63	56.92	57.28	55.77	56.06	57.46	56.69	25	24.6	30.4	30.6	28.4	26	27.5	32.7	24	89.5	90.5	66.6	66.1	74.7	85.4	78.8	.....
Total	.....																							320.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	Calm	NNE	NE	NE	Calm	29.3	27.9	39.4	23.1	119.7	9	A.-Cu. W	Cu.-N. SW	9	A.-S.	S.-Cu.
2..	Calm	Calm	NE	SSE	Calm	Calm	23	34.9	45.1	18	121	5	Ci.	Cu. SSW	10	A.-S.	N.
3..	Calm	Calm	ESE	NE	NE	Calm	16.6	39.9	49.9	30	136.4	5	Ci.	Cu.	7	Ci.-S.	Cu.-N. SW
4..	Calm	NE	NE	ENE	NE	Calm	27.6	44.5	55.3	27.9	155.3	4	Ci.	Cu. SE	10	A.-S.	S.-Cu. SE
5..	NE	Calm	NNE	WNW	Calm	Calm	27.6	32.4	33.3	19.1	112.4	10	A.-S. NE	S.-Cu. SE	10	A.-S.	N.
6..	E	NE	N	Calm	Calm	Calm	27.4	30.4	25.7	19.6	103.1	4	Ci.	Cu. SE	10	A.-S.	N.
7..	Calm	Calm	Calm	Calm	SE	NE	17.2	31.2	26.2	28.8	103.4	4	Ci.	Cu. SE	10	A.-S.	N.
8..	Calm	S	Calm	SW	Calm	Calm	24.4	32.2	54.5	28.5	139.6	5	Ci.	Cu. SSE	10	A.-S.	N.
9..	NE	Calm	Calm	SW	Calm	Calm	30.4	26.6	33.8	20.3	111.1	5	Ci.	Cu. SE	10	A.-S.	S.-Cu.
10..	NE	NE	S	S	Calm	Calm	25.4	27.6	33.6	22.8	109.4	10	A.-S.	S.-Cu. SE	10	A.-S.	N.
11..	NE	Calm	SW	SSW	SW	SW	27.1	44.8	129.5	41.2	242.6	4	Ci.	Cu.	9	A.-Cu.	Cu.-N.
12..	Calm	Calm	Calm	SE	S	SW	24.4	19.1	47.3	27.9	118.7	4	Ci.-Cu.	Cu. SSE	8	Ci.-S.	Cu.-N.
13..	Calm	NE	Calm	SSW	Calm	Calm	23.3	25.4	45.4	27.9	122	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
14..	Calm	NE	Calm	SSE	Calm	E	24.6	23.1	37.8	26.6	112.1	6	Ci.-Cu.	Cu. SE	8	Ci.-S.	Cu.-N.
15..	NE	Calm	NE	Calm	Calm	NE	28.5	37.8	30.3	19.8	116.4	4	Ci.	Cu. SE	10	A.-S.	N. SSE
16..	Calm	NE	ENE	S	E	NE	25.9	34.8	43.1	23.6	127.4	5	Ci.	Cu. SSW	7	Ci.-S.	Cu.
17..	Calm	Calm	N	Calm	E	Calm	26.4	33.5	34.9	23.6	118.4	8	Ci.-S.	Cu.-N. SW	10	Ci.-S.	Fr.-N. SW
18..	NE	Calm	Calm	NNE	Calm	Calm	30.6	23.9	28.7	26.2	109.4	9	Ci.-S.	Fr.-Cu. SE	10	A.-S.	N.
19..	NE	Calm	SE	S	E	NE	30.4	25.5	53.7	33.2	142.8	7	Ci.-S.	Cu. SE	9	Ci.-S.	Fr.-Cu.
20..	NE	Calm	NE	NNE	NE	Calm	23.6	44.6	42.8	29	140	10	A.-Cu. ENE	S.-Cu. SE	10	A.-S.	N. SE
21..	NE	Calm	SW	Calm	Calm	Calm	28.8	30.8	26.4	19	105	10	A.-S.	Cu.-N. SW	10	A.-S.	N.
22..	Calm	Calm	SSW	Calm	E	Calm	20.7	26	27.1	24.4	98.2	9	Ci.-S.	Cu.-N. SE	7	Ci.-Cu.	Cu.
23..	NE	Calm	Calm	SE	Calm	NE	25.7	23.9	42.3	26.6	118.5	6	Ci.	Cu. SE	5	Ci.-Cu.	Cu.
24..	Calm	NE	W	Calm	NW	Calm	26.6	23.9	23.5	23.3	97.3	7	Ci.-Cu. E	Cu. SE	10	A.-S.	N.
25..	NE	Calm	Calm	Calm	S	Calm	30	22	62	29.3	143.3	5	Ci.	Cu. SE	6	Ci.	Cu.
26..	E	E	S	SW	Calm	Calm	26.8	24.3	27.6	17.1	95.8	7	Ci.-S.	Fr.-Cu. NE	10	A.-S.	N.
27..	N	NE	Calm	SW	WSW	WSW	24.6	21.1	39.1	43.7	128.5	10	A.-S.	N. NNE	10	A.-S.	Fr.-N. NW
28..	WSW	Calm	SW	SW	SW	SW	50.9	147.8	214	228.5	641.2	10	A.-S.	Fr.-N.WNW	10	A.-S.	N. WNW
29..	WSW	WSW	SW	SW	SW	SW	236.5	289.6	218.8	120.7	865.6	10	A.-S.	N. W	10	A.-S.	N.
30..	SW	SW	S	SW	SW	Calm	123.9	85.3	113	40.8	363	10	A.-S.	S.-Cu. SW	9	Ci.-S.	Cu.
Mean	.....						36.9	44.5	56.1	36.4	173.9	6.9	.....		9.1	.....	.....
Total	.....						.....	.....	.....	.....	5,217.6	....	.....		.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.89	55.97	57.21	56.64	56.89	58.65	56.88	24.4	24.2	30	31.7	29.3	25.3	27.5	32	24	93	94	62	68	72	89	79.7	.....
2..	57.94	58.16	58.09	56.99	57.32	58.51	57.84	24	23.8	29.9	29.5	27.7	25.3	26.7	32.3	23.4	92	93	75	68	74	89	81.8	15.2
3..	57.94	57.85	57.83	56.31	56.52	57.44	57.32	24.1	24	31	27.5	29.2	25.1	26.8	32	23.8	94	96	61	78	70	91	81.7	2.3
4..	56.66	56.69	56.58	55.13	54.84	55.95	55.98	23.4	24.2	29.3	29.5	28.7	26.4	26.9	30.1	23.3	90	90	70	68	75	86	79.8	.8
5..	54.81	54.74	55.46	54.50	53.89	55.71	54.85	24.9	24	28.3	25	26.2	25.2	25.6	29.1	23.8	89	95	75	92	85	90	87.7	13.2
6..	53.41	53.67	54.20	53.20	53.56	55.08	53.85	24.7	24	27.7	28.2	27	26	26.3	28.9	24	92	96	74	72	80	85	83.2	.....
7..	54.46	54.92	56.11	55.15	55.64	57.09	55.56	25.2	23.6	27.4	28.8	26.2	25.5	26.1	29	23.5	90	93	76	72	82	88	83.5	5.3
8..	56.34	56.43	57.79	55.98	55.64	57.25	56.57	25	26	25.2	26.4	27.1	25.7	25.9	27.3	24.2	93	95	90	86	83	86	87.2	3.3
9..	55.39	55.49	56.36	54.89	54.83	56.20	55.53	25.6	25.8	25.6	25	25	24.2	25.2	27	24.1	88	88	87	92	92	95	90.3	71.2
10..	53.96	53.93	54.54	53.75	53.25	54.43	53.98	24.8	25	26.9	26.3	27	27.2	26.2	274.	24.2	92	93	86	90	86	84	88.5	30.6
11..	53.76	54.27	55.01	54.24	54.07	55.74	54.52	26.2	27.2	27.6	27.7	28.2	28.3	27.5	28.5	25.5	90	83	79	74	78	79	80.5	.5
12..	54.98	55.26	56.58	55.82	55.77	57.14	55.92	28.3	28.4	29	29.5	28	27.5	28.4	29.8	26	78	78	71	68	80	82	76.2	3
13..	56.29	56.38	57.04	55.78	55.89	57.40	56.46	26.2	26.7	28.8	29.5	28.1	27.7	27.8	29.6	25.1	90	89	75	72	79	82	81.2	.5
14..	55.83	55.90	56.88	55.78	55.89	56.74	56.17	27.2	27.3	26.8	27.8	27.7	27.2	27.3	28.4	25.7	83	82	78	79	79	83	80.7	5.6
15..	55.66	55.89	57.23	55.09	55.42	56.33	55.94	26.6	25.5	24.7	27.9	27.3	27.2	26.5	28.2	24.4	83	88	86	81	82	83	83.8	10.6
16..	55.54	55.86	56.77	56.08	56.68	57.45	56.40	26.8	26.6	28.9	29.4	28.1	27.2	27.8	29.6	26.6	83	83	73	72	80	84	79.2	.....
17..	56.56	56.81	57.17	56.56	56.87	58.42	57.06	26.8	26.7	28.7	29.3	27.4	27.2	27.7	29.5	26.6	83	83	75	70	84	84	79.8	.....
18..	57.20	57.29	57.42	56.27	56.60	57.67	57.08	27	26.3	29.3	28.8	27.2	27.1	27.6	30	25.7	84	86	71	73	83	82	79.8	2.3
19..	56.65	57.21	57.95	56.84	56.69	58.24	57.26	26.8	26.3	29.1	29.8	28.7	27.2	28	30.2	26.2	82	83	70	70	75	83	77.2	.....
20..	56.55	56.79	57.74	56.54	56.64	57.89	57.02	26.7	26.5	29.2	29.7	28.2	27.2	27.9	30	26.5	85	85	70	70	76	83	78.2	.....
21..	57.57	57.39	57.67	56.29	56.44	57.49	57.14	26.8	26.5	29.2	30.3	28.1	27.1	28	30.4	26.4	83	84	70	63	78	87	77.5	.....
22..	55.89	55.48	56.10	54.36	54.72	55.89	55.41	26.8	26.8	28.2	29.1	27.8	27.2	27.6	29.3	26.7	86	86	77	77	81	86	82.2	5.3
23..	55.31	54.95	56.05	54.91	54.78	55.92	55.32	26.1	26.8	29	31	28.1	27.3	28	31.2	25.2	91	89	78	62	84	84	81.3	2
24..	54.78	54.54	55.22	54.34	54.42	55.84	54.86	27	27.3	30.2	30.7	29.1	28.2	28.8	30.8	26.4	84	82	71	67	78	85	77.8	.....
25..	54.39	54.59	54.88	54.37	54.84	56.32	54.90	27.9	27.2	30	27.8	27.8	25.3	27.7	30.7	24.2	87	90	66	79	79	89	81.7	21.8
26..	55.32	55.38	55.90	55.19	55.57	56.71	55.68	24.2	24.5	26	28.2	27	25	25.8	29.1	23.6	85	84	85	74	81	92	83.5	.8
27..	55.47	55.69	56.54	55	54.65	56.21	55.59	23.8	24.2	26.3	27	26.8	25	25.5	27.3	23.6	92	95	82	79	84	92	87.3	6.6
28..	54.75	54.48	55.61	54.65	55.23	56.35	55.18	25	24.9	24.2	24.9	24.8	25	24.8	25.2	24	92	84	91	84	86	92	88.2	33.3
29..	55.30	55.81	56.22	55.55	56.44	57.84	56.19	24	23.3	30	29	27.2	25.3	26.5	30.2	23.2	91	92	66	71	83	90	82.2	.....
30..	56.89	57.07	57.80	56.59	57.64	59.59	57.60	24.2	23.6	30.2	33.2	26.1	25	27	33.4	23	92	93	64	56	88	92	80.8	14.5
31..	58.64	58.92	59.57	58.29	59.17	60.07	59.11	24.2	24	31	32	28	24.2	27.2	32.3	23.5	95	96	61	61	77	90	80	.....
Mean	55.81	55.93	56.63	55.52	55.70	57.02	56.10	25.6	25.5	28.3	28.7	27.5	26.3	27	29.6	24.7	88.1	88.3	74.7	73.8	80.5	86.7	82	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	248.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	Calm	S	Calm	21.7	14	58.5	28.8	123	10	A.-S.	S.-Cu. SW	7	Ci.	Cu.
2..	Calm	Calm	Calm	NW	Calm	Calm	22.8	16.3	27.4	16.6	83.1	4	Ci.	Cu. SW	10	A.-S.	N.
3..	Calm	Calm	Calm	E	WSW	Calm	23	24.4	41	20.1	108.5	4	Ci.	Cu. SSE	10	Ci.-S.	Fr.-N.
4..	NE	Calm	Calm	SW	WSW	SSW	21.7	16.7	53.3	34.6	126.3	10	A.-Cu.	S.-Cu. SE	7	Ci.	Fr.-Cu.
5..	SE	Calm	Calm	Calm	Calm	Calm	27.7	13.1	17.4	20.4	78.6	10	A.-S. NNE	S. NW	10	A.-S.	N.
6..	Calm	E	Calm	Calm	SSW	Calm	25.4	19.8	45.6	36.4	127.2	10	A.-S.	S.-Cu. WNW	10	A.-S.	N. W
7..	Calm	Calm	SSW	SW	Calm	SW	17.7	63.4	124.9	79.1	285.1	5	Ci.	Cu. SW	8	Ci.-S.	Cu.-N.
8..	Calm	SW	SW	SW	WSW	SW	27.6	117.7	80.5	126.5	352.3	10	A.-S. W	Fr.-N. SW	10	A.-S.	Fr.-N. SW
9..	WSW	Calm	Calm	Calm	SW	SW	112.5	40.4	74.2	61.7	288.8	10	A.-S. W	Fr.-N. WSW	10	A.-S.	N. WSW
10..	Calm	SW	SW	SW	SW	SW	67.8	141.4	168.1	171.4	548.7	10	A.-S.	N. SW	10	A.-S.	N. SW
11..	WSW	SW	SW	SW	SW	SW	190.1	209	229.3	207.	835.4	10	A.-S.	Fr.-N. SW	10	A.-S.	Fr.-N. SW
12..	SW	SW	SW	SW	WSW	W	199.3	223.9	239.8	132.8	795.8	10	A.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.
13..	SW	SW	SW	SW	SW	SW	103.8	181.8	208.7	147.8	642.1	9	Ci.-S.	S.-Cu. SW	10	A.-Cu.	Fr.-Cu. SW
14..	SW	SW	WSW	W	SW	WSW	134.6	151.3	159.8	127.7	573.4	10	A.-S. W	S.-Cu. SW	10	A.-S.	Fr.-N. SW
15..	SW	SW	SW	SW	SW	SW	128.7	97.1	181.8	158.3	565.9	10	A.-S.	Fr.-N. WSW	10	A.-S.	Fr.-S. WSW
16..	SW	SW	SW	SW	SW	SW	102.8	138.7	145.6	96.1	483.2	10	A.-S.	S.-Cu. SW	8	Ci.-S.	Fr.-Cu.
17..	SW	SW	SW	W	WSW	SW	76.1	83.5	112.1	46.9	318.6	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SW
18..	SW	Calm	SW	W	SW	SW	38.3	66	69.5	67.6	241.4	8	Ci.-S.	Cu. SW	10	A.-Cu.	S.-Cu.
19..	SW	Calm	SW	WSW	WSW	SW	55	82.4	134.7	92	364.1	9	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SW
20..	SW	SW	SW	SW	WSW	SW	69.8	86.1	133.3	59.8	349	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
21..	SW	WSW	SW	WSW	SW	SW	74	117.2	132.6	73.4	397.2	6	Ci.	Cu. SW	8	Ci.-S.	Cu.-N. SW
22..	SW	SW	WSW	SW	SW	SW	57.9	147.1	154.5	73.7	433.2	9	Ci.-S. W	Cu.-N. SW	9	Ci.-S.	Cu.-N.
23..	SW	SW	WSW	WSW	SW	SW	54.5	106.2	98.7	35.1	294.5	9	Ci.-S.	cu.-N. WSW	7	Ci.	Cu.
24..	SW	SW	SW	WSW	SW	SSW	51.5	87.4	127.6	78.1	344.6	9	Ci.-S.	cu.-N. WSW	8	Ci.-S.	Cu.-N.
25..	SW	Calm	SW	SW	SW	Calm	39.9	35.2	92.3	24.7	192.1	9	ci.-s. WNW	Fr.-Cu. SW	10	A.-S.	S.-Cu. SW
26..	SSW	Calm	S	SW	SW	Calm	34.1	33.5	78.7	20.7	167.	10	A.-S. NW	N. SW	9	Ci.-S.	Fr.-Cu. SW
27..	Calm	Calm	Calm	SW	Calm	WSW	22	20.9	62.6	58.9	164.4	10	A.-S. NW	S.-Cu. SW	10	A.-S.	S.-Cu.
28..	SW	Calm	SW	SW	SW	Calm	36.5	57.4	61.8	41	196.7	10	A.-S.	N. SW	10	A.-S.	N. SW
29..	Calm	Calm	Calm	SW	Calm	Calm	15.8	25.4	79.7	19	139.9	10	A.-Cu. WSW	Cu.-N. SW	10	Ci.-S.	Cu.-N. SW
30..	Calm	Calm	Calm	Calm	Calm	Calm	19.9	18.7	27.1	15.9	81.6	7	Ci.-Cu.	Cu. SW	9	Ci.-S.	Cu.-N.
31..	Calm	Calm	Calm	SE	Calm	NE	21.4	27.7	52.8	23.5	125.4	7	Ci.	Cu. SW	8	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	61.1	79.5	105.6	70.8	317	8.7	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,827.1	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.28	59.36	59.50	57.78	59.35	60.34	59.27	22.9	22.5	29.8	32.2	25.8	24	26.2	32.9	22.5	90	92	67	60	85	91	80.8	.....
2..	58.56	58.66	59.93	58.12	58.45	60.04	58.96	22.8	22.7	29.9	32	27.8	24.2	26.6	32.2	22.3	92	92	65	61	71	90	78.5	.....
3..	58.56	58.68	59.58	57.64	58.09	59.90	58.74	23.2	22.8	30	31.7	29.1	24.4	26.9	31.9	22.6	93	92	65	64	73	88	79.2	.....
4..	58.97	59.15	59.81	58.05	58.26	59.97	59.04	23.1	23	30.5	31.7	29.5	25.7	27.2	31.8	22.8	93	95	64	64	68	86	78.3	.....
5..	58.56	58.49	59.03	57.83	57.71	59.97	58.60	25	25	30	31.2	28.8	23.8	27.3	32.1	23.2	92	92	75	64	73	88	80.7	.....
6..	58.47	58.64	58.69	57.48	57.19	58.70	58.20	23.2	23.3	30.8	32	28.2	24.5	27	32.3	22.7	93	92	62	61	77	90	79.2	.....
7..	57.46	57.76	58.43	57.11	57.26	58.75	57.80	23.4	23	30.7	32	29.3	26.1	27.4	32.1	22.9	95	95	63	60	73	85	78.5	.....
8..	58.07	58.19	58.48	56.85	57.02	59.07	57.95	24	23.8	30.8	32.8	29.8	25.3	27.8	33	23.4	92	92	73	57	73	90	79.5	5.1
9..	57.92	58.11	58.63	57.34	57.04	58.64	57.95	25.1	24.8	29.3	26.3	26.4	25.5	26.2	29.8	24.7	91	92	69	85	81	88	84.3	12.7
10..	57.57	57	57.66	56.34	56.45	57.62	57.11	24.7	23.6	26.8	27	25.7	24.3	25.4	28.2	23.4	86	93	85	84	87	89	87.3	11.4
11..	56.57	56.13	56.72	55.84	55.98	56.73	56.33	23.6	23.7	24.6	25.2	23.8	24.2	24.2	25.3	23.2	92	92	87	92	92	90	90.8	30.3
12..	54.98	54.96	55.41	54.21	55	56.22	55.13	23.7	24	25.3	26.4	24.5	24.2	24.7	26.5	23.4	92	96	89	85	91	95	91.3	30.5
13..	55.24	55.91	57.23	55.51	55.32	56.71	55.99	24.4	23	23.3	24.7	25.4	23.4	24	25.5	23	93	95	92	92	85	93	91.7	25.2
14..	56.77	56.92	58.06	56.86	57.30	58.54	57.41	23.2	23.2	27.9	29.5	25.8	23.2	25.5	31	22.8	94	95	78	70	85	90	85.3	.5
15..	58.26	58.43	58.98	57.12	58.04	59.89	58.45	22.7	22.4	27	30.4	27.2	24.8	25.8	31.8	22.2	92	93	77	63	75	87	81.2	.....
16..	58.32	59.16	59.08	57.49	58.86	60.17	58.85	23.5	23	30.3	31.2	25	24.4	26.2	31.8	23	92	96	66	64	92	88	93	23.6
17..	59.13	59.13	59.35	57.14	57.47	58.61	58.47	23.6	24	28.8	30.3	26.2	24.8	26.3	32	23.4	93	92	73	64	83	92	82.8	2.3
18..	57.20	57.31	58.09	56.10	55.89	58.11	57.12	24.1	24	28	25.8	26.8	25	25.6	28.1	23.8	96	96	77	85	78	92	87.3	2.8
19..	56.55	56.64	57.40	56.32	56.40	57.86	56.86	24	24.8	28.3	25.2	25.3	24.5	25.4	28.5	23.8	93	92	75	90	89	87	87.7	10.4
20..	56.74	56.89	58	56.96	57.10	58.34	57.34	24.8	23.8	29.2	25.7	24.9	23.6	25.3	29.3	23.5	85	92	70	86	91	93	86.2	22.9
21..	57.20	57.31	58.46	56.95	57.14	58.79	57.64	24.5	23.5	29.8	26.3	26.2	25.3	25.9	30.3	23.4	92	95	70	85	87	90	86.5	.....
22..	57.41	57.98	58.06	56.84	57.51	58.61	57.74	23.8	24	28.3	28.8	26.7	25	26.1	30	23.8	92	93	83	79	85	92	87.3	1
23..	57.67	57.34	57.62	56.46	56.14	57.67	57.15	24	25	29.8	26.6	24.8	25.2	25.9	30.8	23.5	91	92	70	86	92	90	86.8	10.1
24..	56.06	55.34	56.11	54.55	54.40	56.25	55.45	25	25.2	28.3	25.3	25.4	25.7	25.8	29.9	24.3	92	91	78	89	88	88	87.7	8.4
25..	55.06	54.94	55.94	54.61	55.08	56.64	55.38	25.3	25.1	29.3	30.3	26.8	25	27	30.4	24.9	90	91	69	63	81	92	81	.....
26..	56.62	56.75	57.44	56.46	56.84	57.39	56.92	25	24.8	28.5	29.3	27.3	25.9	26.8	30	24.7	92	92	85	76	82	85	85.3	.....
27..	56.82	56.94	57.57	56.07	56.24	57.56	56.87	24.8	24.7	28.2	28.6	26.7	24.8	26.3	29.9	24.6	92	92	79	73	81	92	84.8	1.5
28..	56.07	56.44	57.16	55.74	56.23	57.76	56.57	24.2	24.5	27.3	27.7	26.8	25.9	26.1	30.8	24	95	94	82	90	86	87	89	6.1
29..	56.81	57.09	57.82	56.78	57.12	58.12	57.29	25.5	24.7	30	30	28	26	27.4	31.5	24.7	88	90	65	65	77	88	78.8	.....
30..	57.51	57.69	58.47	57.21	57.62	58.85	57.89	24.1	24.2	30.4	29.8	26	25.8	26.7	30.8	23.9	92	94	64	69	85	85	81.5	2.8
31..	57.29	57.21	58.30	57.01	56.91	59.01	57.62	25.3	23.8	29	26	25.7	25.3	25.8	29.8	23.7	91	92	78	89	86	89	87.5	3.3
Mean	57.35	57.44	58.10	56.67	56.95	58.41	57.49	24.1	23.9	28.7	28.8	26.6	24.8	26.2	30.3	23.5	91.8	93	74	74.7	82.3	89.4	84.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210.9

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	Calm	Calm	Calm	22.5	20.7	25.5	17.4	86.1	5	Ci.	Cu. SW	9	Ci.-S.	Cu.-N.
2..	Calm	Calm	Calm	S	Calm	Calm	24.4	17.1	27.6	21.1	90.2	4	Ci.	Cu. SE	5	Ci.	Cu.
3..	Calm	Calm	Calm	S	Calm	Calm	22	19.8	36.7	22.5	101	4	Ci.	Cu. SE	5	Ci.	Cu.
4..	Calm	Calm	Calm	SSW	Calm	Calm	19.1	32.2	52.6	20.7	124.6	2	Ci.	.....	5	Ci.	Cu.
5..	Calm	Calm	Calm	SW	Calm	Calm	20.7	29.8	50.4	22	122.9	3	Ci.	.....	5	Ci.	Cu. SW
6..	Calm	Calm	Calm	WSW	Calm	Calm	17.5	18.3	56.6	17.1	109.5	2	Ci.	.....	5	Ci.	Cu. SW
7..	Calm	Calm	Calm	SW	WSW	Calm	20.4	21.7	61	18.3	121.4	8	Ci.-S. NNW	Cu.-N. SW	4	Ci.	Cu.
8..	Calm	Calm	Calm	SW	SW	Calm	18.5	20.1	47	24.4	110	3	Ci.	.....	6	Ci.-Cu.	Cu.
9..	Calm	Calm	Calm	Calm	Calm	Calm	19.8	18.2	20.3	20.9	79.2	10	A.-S.	Fr.-N. SW	10	A.-S.	N.
10..	Calm	Calm	Calm	Calm	Calm	Calm	18	17.2	23.1	12.6	70.9	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
11..	Calm	Calm	Calm	SW	NW	Calm	16.6	23.8	64.4	30.6	135.4	10	A.-S.	N. WSW	10	A.-S.	N. WSW
12..	Calm	SW	SW	SW	SW	SW	33	91.1	107.5	87.1	318.7	10	A.-S.	N. WSW	10	A.-S.	N.
13..	SSW	Calm	SW	SW	Calm	Calm	25.9	44.8	59.3	11.6	141.6	10	A.-S. WNW	N. SW	10	A.-S.	Fr.-N. SW
14..	Calm	Calm	Calm	Calm	SW	Calm	15.9	18.2	46.7	17.1	97.9	10	A.-S.	S.-Cu. SW	8	Ci.-S.	Cu.-N.
15..	Calm	Calm	Calm	Calm	Calm	Calm	16.4	19	26.2	19.3	80.9	9	Ci.-S.	Cu.-N. SW	8	Ci.-S.	Cu.-N.
16..	Calm	Calm	NNE	SSW	Calm	Calm	23.3	29.5	39.9	20.1	112.8	4	Ci.	Cu. SW	9	A.-Cu.	Cu.
17..	NE	Calm	Calm	WSW	Calm	NE	19.3	27.6	43.1	21.9	111.9	10	A.-S.	Fr.-N. SE	7	Ci.	Cu.
18..	Calm	NE	S	SW	SW	Calm	26.6	49.4	76.7	35.4	188.1	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu. SW
19..	Calm	Calm	S	WNW	SSW	Calm	26.6	40.4	34.8	30.4	132.2	9	Ci.-S.	cu.-N. SW	10	A.-S.	N.
20..	SW	N	S	Calm	SW	NE	39.1	32.7	33.8	32.2	137.8	9	Ci.-S.	S.-Cu.	10	A.-S.	Fr.-N. SW
21..	Calm	NE	Calm	SSW	SW	SSW	29.6	30.9	58.1	40.2	158.8	10	A.-S.	S.-Cu. SW	9	A.-Cu.	Cu.
22..	Calm	E	SW	Calm	SW	Calm	20.4	26.6	46.4	26	119.4	10	A.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N.
23..	NE	SW	SW	SW	SW	SW	26.8	34.3	68.7	44.3	174.1	10	A.-S.	S.-Cu. SW	10	A.-S.	N.
24..	SW	SW	SW	SW	Calm	SW	41	56.8	57.4	36.8	192	9	Ci.-S.	Cu.-N. SW	10	A.-S.	N.
25..	SW	Calm	Calm	SW	SSW	Calm	40.8	30	64.9	39.7	175.4	7	Ci.	Cu. SW	8	Ci.-S.	Fr.-Cu.
26..	Calm	Calm	Calm	Calm	Calm	Calm	22.7	25.7	21.5	18.7	88.6	10	A.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N.
27..	Calm	NE	Calm	Calm	Calm	NE	18.5	15.6	26.2	22	82.3	8	Ci.-S.	Cu. SW	9	Ci.-S.	Cu.
28..	Calm	Calm	Calm	SSW	Calm	Calm	21.7	16.4	19.9	14.7	72.7	10	A.-S. NW	N. W	10	A.-S.	Fr.-N. W
29..	Calm	Calm	S	SW	W	Calm	12.7	39.7	53.4	26.9	132.7	10	A.-S.	S.-Cu. SW	7	Ci.	Cu.
30..	Calm	Calm	Calm	W	SW	WSW	26.2	28.5	86.3	38.9	179.9	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
31..	SW	Calm	SW	SW	SW	WSW	30.8	26	51.7	31.4	139.9	8	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu. SW
Mean	.....	.....	.....	.....	.....	.....	23.8	29.7	48	27.2	128.7	7.7	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,988.9	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.64	57.36	58.89	56.97	57.96	59.06	57.98	24	23	28.1	29.8	26.8	24.7	26.1	30.5	22.9	93	96	84	75	86	91	87.5	.....
2..	58.54	58.01	59.04	57.09	57.13	58.99	58.13	25	24.8	29.8	30.8	27.4	26.2	27.3	30.8	24	92	92	69	64	81	89	81.2	2.3
3..	57.41	57.30	58.56	56.49	56.66	57.14	57.26	26	25	25.4	25	25.3	25.2	25.3	26.2	24.5	85	92	91	96	94	92	91.7	30.1
4..	55.37	55.30	56.96	54.36	53.99	55.30	55.21	25.2	24.8	24.6	25.8	24.6	24.2	24.9	26.3	24	90	92	93	90	93	93	91.8	98.9
5..	53.89	53.31	53.66	50.89	52.07	55.10	53.15	24.3	24.2	24.8	25	25.3	24	24.6	26	23.2	92	95	92	93	91	93	92.7	41.1
6..	53.90	54.33	55.41	54.27	54.58	56.79	54.88	23.8	24.8	26.7	28.8	26.1	25.1	25.9	29.1	23.4	92	92	86	73	91	91	87.5	3.1
7..	55.32	55.21	55.84	54.64	54.74	56.09	55.31	24.2	24.3	29.8	30.2	28	26.8	27.2	30.3	24.1	95	94	75	73	85	89	85.2	.....
8..	54.95	55.18	56.15	55.11	55.03	56.29	55.45	26.2	25	27.5	26.3	26	26.3	26.2	28	24.8	91	93	84	90	92	90	90	13.2
9..	55.46	55.53	56.44	55.19	55.97	57.24	55.97	25.9	25.8	28.5	28.3	27	25	26.9	28.7	25	90	90	81	82	86	86	85.8	.....
10..	56.49	56.40	57.41	55.37	55.93	57.24	56.47	24.9	23.5	29	30	26.3	26	26.6	30	23.4	91	94	79	75	90	92	86.8	14.2
11..	56.55	56.67	57.61	56.91	56.79	58	57.09	25.2	24.8	26.7	26.3	26.2	26.4	25.9	27.5	24.7	94	92	86	86	91	89	89.7	4.6
12..	57.87	58	58.83	57.54	57.79	58.85	58.15	25.4	25.7	28	29.1	27.6	26.7	27.1	29.3	25.2	90	88	85	77	80	86	84.3	.....
13..	58.74	58.86	59.59	58.01	58.54	59.82	58.93	26	25.6	28.5	30	28.1	26.2	27.4	30.4	24.7	90	91	81	71	84	90	84.5	.....
14..	59.24	59.36	59.92	58.44	58.84	60.27	59.34	24.3	24	28.3	29.3	27.2	24	26.2	29.6	23.7	92	95	75	76	85	91	85.7	1.8
15..	59.45	59.02	59.72	58.18	58.42	60.16	59.16	23.3	23.2	28.6	30.2	27.7	25.2	26.4	30.3	23.1	92	93	73	66	79	90	82.2	1.3
16..	58.84	58.99	59.62	57.62	58.60	59.69	58.89	24.5	24	29.6	29.5	27	24.8	26.6	29.6	23.9	91	93	75	72	84	90	84.2	.8
17..	59.34	59.40	60.24	57.54	58.44	60.15	59.18	24.2	24	28.3	31.2	27.7	24.5	26.6	31.9	23.8	92	93	78	64	79	90	82.7	.....
18..	58.92	59.57	59.77	57.45	58.74	60.67	59.19	24	23.6	29.2	31.3	27.7	24.6	26.7	31.4	23.5	93	93	76	65	79	90	82.7	.....
19..	59.80	60.29	60.72	58.49	59.27	60.58	59.86	23.7	23.4	29.8	30.3	28.3	24.6	26.7	30.8	23.2	92	93	73	63	75	90	81	.....
20..	59.49	59.29	59.87	57.37	57.13	58.88	58.67	24	23.8	29.2	27.2	26.5	24.7	25.9	30.6	23.5	93	92	70	86	90	91	87	10.9
21..	57.41	57.32	57.70	56.88	57.07	58.99	57.56	23.6	23.3	29.2	29.2	28.2	24.2	26.3	30.5	23.3	93	94	74	76	79	90	84.3	.....
22..	57.35	57.37	57.89	56.37	56.53	58.89	57.40	24	23	29.7	28.9	27	24.2	26.1	31	22.8	91	93	73	77	84	91	84.8	.....
23..	57.41	57.30	57.82	55.72	56.56	58.59	57.23	23.8	23.6	29.8	31.9	28.8	26.4	27.4	32	23.6	92	93	73	61	76	89	80.7	.....
24..	57.99	58.21	58.87	57.29	58.92	60.55	58.64	25.1	24.7	30.4	29	24.3	24.2	26.3	31.3	24	91	92	69	78	91	91	85.3	35.3
25..	59.58	59.59	60.58	58.29	59.37	60.68	59.68	24	23.7	29.7	31.2	25.3	24.4	26.4	31.2	23.6	91	92	71	65	91	90	83.3	.....
26..	59.83	60.28	60.52	58.97	59.19	60.62	59.90	23.8	23.4	29.5	29.7	27.8	24.4	26.4	30.7	23.2	91	93	68	69	79	93	82.2	.....
27..	59.82	59.92	60.29	57.99	58.93	60.36	59.55	24.3	24.5	31	32.2	27.6	26	27.6	32.3	23.8	92	92	62	60	80	85	78.5	.....
28..	59.31	59.28	59.12	56.97	57.54	58.42	58.44	24.2	23.8	30.6	32.9	28.4	24.5	27.4	33	23.5	91	92	62	59	82	89	79.2	.....
29..	57.25	57.36	57.01	53.88	55.23	56.46	56.20	23.6	23.1	30.8	31.7	25	24.3	26.4	31.8	22.8	90	94	67	70	92	91	84	6.9
30..	55.49	55.44	56.12	54.12	54.82	55.83	55.30	24.2	23.8	30.8	29.2	27.6	27.3	27.2	31	23.7	91	92	73	76	84	85	83.5	.....
Mean	57.62	57.65	58.34	56.48	57.03	58.52	57.61	24.5	24.1	28.7	29.3	26.9	25.2	26.5	30.1	23.8	91.4	92.7	76.6	74.3	85.1	89.9	85	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	264.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	E	Calm	S	Calm	Calm	31.2	22.5	49.6	22.3	125.6	5	Ci.	Cu. SW	10	A.-S.	S.-Cu.
2..	SW	SW	SW	SW	SW	Calm	28.7	33.8	71.1	16.9	150.5	9	Ci.-S. NW	Cu.-N. SW	6	Ci.	Cu.
3..	Calm	Calm	SW	SW	SW	Calm	7	36.2	41.3	31.6	116.1	10	A.-S.	N. WSW	10	A.-S.	N. WSW
4..	W	SW	S	S	Calm	SW	41.5	36.8	35.1	32.4	145.8	10	A.-S.	N. WSW	10	A.-S.	S.-Cu.
5..	SSW	SW	SW	SW	SW	NW	45.6	64.1	88.8	56.9	255.4	10	A.-S.	N. SW	10	A.-S.	N. SW
6..	NE	S	SSW	SW	SW	NE	34.3	60.2	72.2	28.2	194.9	10	A.-S.	Fr.-N. SW	10	A.-S.	S.-Cu.
7..	Calm	E	S	SW	SW	SW	16.3	36.2	52.3	26	130.8	9	Ci.-S.	Cu.-N. SW	8	Ci -S.	Cu.-N.
8..	Calm	Calm	SW	NW	NW	WSW	40.5	50.5	25.1	35.2	151.3	8	Ci.-S. W	Fr.-Cu. SW	10	A.-S.	N.
9..	W	SSW	SW	WSW	Calm	WSW	38.6	43.1	76.4	28.8	186.9	8	Ci.-S. NNW	Cu.-N. SW	10	A.-S.	Cu.-N.
10..	Calm	NE	SW	SW	SW	SW	23.6	37	73.7	45.7	180	8	Ci.-S.	Cu.-N. SW	7	Ci.	Cu.
11..	Calm	SW	SW	SW	SW	SW	45.9	71.6	68.6	50.5	236.6	10	A.-S.	N. WSW	10	A.-S.	N. WSW
12..	W	SW	S	SW	Calm	SW	36.7	47.7	48.8	41.3	174.5	10	A.-S. NNW	S.-Cu. SW	9	Ci.-S.	Cu.-N.
13..	SW	Calm	WSW	SW	Calm	Calm	29.2	35.6	36.4	24.7	125.9	8	Ci.-S.	Cu.-N. SW	8	A.-Cu.	Cu.
14..	Calm	Calm	SW	SW	Calm	Calm	26	34.1	43.5	24.1	127.7	7	Ci.	Cu.	9	Ci.-S.	Cu.-N.
15..	NE	Calm	S	Calm	Calm	Calm	24.7	31.2	23.5	16.4	95.8	10	A.-S.	S.-Cu. SW	7	Ci.-Cu.	Cu.
16..	Calm	Calm	Calm	WSW	Calm	Calm	19.1	30.3	31.7	22.3	103.4	9	Ci.-S.	Cu.-N. SW	9	A.-Cu.	Cu.
17..	Calm	Calm	S	Calm	Calm	Calm	20.6	20.6	26.4	19.5	87.1	8	Ci.-S.	Cu.-N. SW	7	Ci.-Cu.	Cu.
18..	Calm	Calm	Calm	SW	Calm	E	23.1	23.8	27.2	24.6	98.7	6	Ci.-Cu.	Cu. SSE	6	Ci.	Cu.
19..	Calm	NE	S	S	Calm	Calm	23.6	20.6	37.8	21.9	103.9	5	Ci.-Cu.	Cu. SSE	8	Ci.-S.	Cu.
20..	Calm	Calm	Calm	Calm	Calm	Calm	23.6	25.9	21.1	21.7	92.3	9	A.-S.	Cu.	10	A.-S.	N. SE
21..	Calm	Calm	Calm	Calm	Calm	Calm	21.1	19.8	22.3	19.1	82.3	8	Ci.-S.	Cu. SSE	10	A.-Cu.	S.-Cu.
22..	Calm	Calm	Calm	Calm	Calm	Calm	22.5	20.7	16.9	18.7	78.8	5	Ci.-Cu.	Cu. SSE	10	A.-Cu.	Cu.-N.
23..	NE	Calm	SW	Calm	Calm	Calm	23.5	21.5	28	20.4	93.4	5	Ci.	Cu. SSE	6	Ci.	Cu.
24..	NE	Calm	S	SE	Calm	NE	22.3	27.9	40.2	24.1	114.5	8	Ci.-S.	Cu.-N. SE	9	A.-S.	S.-Cu. SE
25..	Calm	NE	NE	ENE	Calm	Calm	29.2	38.4	41.3	18.7	127.6	7	Ci.-Cu. N	Cu. SE	10	A.-S.	N.
26..	Calm	Calm	SSW	Calm	Calm	Calm	28.7	23.5	28.4	18.2	98.8	6	Ci.-Cu.	Cu. SE	9	Ci.-S.	Cu.-N.
27..	NE	NE	E	ENE	Calm	Calm	23.9	50.5	54.7	21.5	150.6	5	Ci.	Cu. SE	8	Ci.-S.	Cu.-N.
28..	Calm	Calm	NE	NE	Calm	Calm	18.8	41.3	45.1	18.2	123.4	5	Ci.-Cu.	Cu. SE	5	Ci.	Cu.
29..	Calm	NE	NNE	SW	Calm	Calm	23.9	27.6	25.4	26.9	103.8	4	Ci.	Cu.	7	Ci.-S.	Cu.
30..	NE	Calm	Calm	Calm	Calm	Calm	25.2	27.6	24.1	16.3	93.2	9	Ci.-S.	Cu.-N. SE	10	A.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	27.3	35.4	42.6	26.4	131.7	7.7	.....	.....	8.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,949.6	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 97′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	54.59	56	56.54	54.27	54.80	56.09	55.38	26.5	25.8	28.2	28.6	26.8	26.3	27	29.3	25.8	91	90	79	80	86	86	85.3	.....
2	54.65	54.48	55.21	52.61	53.68	55.22	54.31	26.1	26.2	30	29.7	27.7	26.8	27.8	30.4	25.8	85	86	71	73	82	80	79.5	.....
3	53.16	54.05	54.94	52.89	53.88	55.10	54	26.4	26	27.6	29.5	27.2	26.3	27.2	29.6	25.7	90	92	80	75	83	90	85	.....
4	54.54	55.49	56.84	55.95	57.09	58.41	56.39	26.2	25.6	27.1	28.1	25.8	26	26.5	28.3	24.9	90	91	83	81	89	92	87.7	5.6
5	57.52	58.67	59.88	57.74	58.89	60.18	58.81	24.9	24.8	28.2	30.6	27	24.8	26.7	31.2	23.8	92	92	76	64	84	88	82.7	.....
6	59.10	59.55	60.14	58.27	58.19	59.87	59.19	23.3	23.2	30.5	32.1	28.3	24.3	27	32.3	22.9	92	92	63	62	75	90	79	.....
7	58.27	58.06	59.12	57.71	58.07	59.07	58.38	23.7	23.3	30.4	28.2	26.3	24.3	26	31.1	23	90	94	76	76	83	91	85	.3
8	58.52	58.71	59.41	58.09	58.05	59.11	58.65	23.4	23.2	30.6	26.7	25.8	23.8	25.6	31.2	23	92	93	68	85	85	90	85.5	6.8
9	58.36	59.11	59.68	58.08	58.68	59.21	58.85	23	22.8	29.7	27.6	24.5	23.1	25.1	31.2	22.7	91	92	73	80	89	90	85.8	7.6
10	58.37	58.71	59.89	58.04	58.26	59.42	58.78	22.6	22.5	27.5	27.8	25	23.2	24.8	28.1	22.4	94	94	82	79	92	92	88.8	.....
11	58.60	58.72	59.29	56.99	58.34	59.75	58.62	22.3	22.2	29.7	32	26	24	26	32.1	22	94	92	69	61	84	91	81.8	.....
12	58.65	58.86	60.18	58.01	58.53	59.77	59	23.2	22.8	29	30.6	27.2	24.2	26.2	30.6	22.7	90	92	78	70	83	91	84	.....
13	58.99	59	59.48	57.08	57.55	58.84	58.49	23.7	22.8	29.2	31.2	26.8	24	26.3	31.8	22.5	92	92	70	64	92	91	83.5	.....
14	57.18	57.32	57.88	55.22	55.36	56.71	56.61	22.5	22.3	29.3	30.2	28.8	24.2	26.2	31.3	22.2	92	92	69	70	73	91	81.2	.....
15	55.17	55.31	55.70	52.50	51.46	51.46	53.60	22.8	22.6	25.5	25	24.6	24.2	24.1	25.8	22.5	92	93	88	92	90	91	91	97.6
16	49.33	49.10	51.79	51.41	53.38	55.61	51.77	23.8	22.8	24.2	25.3	24.6	23	24	25.5	21.6	91	92	90	89	90	93	90.8	1.5
17	54.35	54.23	54.65	53.19	54.46	56.42	54.55	21.2	23.2	28.5	27.8	24.8	24.3	25	28.5	21	96	93	77	79	90	92	87.8	25.4
18	55.25	55.41	56.91	54.51	55.36	57.06	55.75	24.2	24	28	27.3	26.2	24.7	25.7	28	24	92	93	83	84	90	91	88.8	8.1
19	56.06	56.67	57.55	55.99	56.74	58.84	56.98	24.1	24.3	28.6	24.5	24.2	23.6	24.9	29.9	23.3	93	92	73	94	91	90	88.8	26.7
20	57.23	57.41	58.44	56.66	56.99	58.94	57.61	23.2	22.8	27.3	27.3	25.8	24.3	25.1	29.3	22.7	92	92	82	84	85	91	87.7	5.6
21	58.21	58.19	57.76	55.42	55.43	55.70	56.78	24	23.2	27.8	28.8	27.3	26.3	26.2	30	23.1	91	93	79	75	82	89	84.8	.....
22	54.70	54.58	55.20	53.44	54.26	56.21	54.73	26.1	25.9	25.9	24.2	25.2	24.6	25.3	26.4	24	89	85	87	93	90	93	89.5	34.5
23	55.73	57.41	58.13	56.82	58.03	58.91	57.50	25	25.2	27.4	29	27	24.2	26.3	29.1	23.4	92	91	81	74	84	91	85.5	.....
24	58.46	59.27	59.64	57.54	58.89	59.15	58.82	23.2	23	28.9	30.8	27.7	23.4	26.2	30.9	22.8	93	95	74	63	79	90	82.3	.....
25	58.76	58.91	59.70	57.43	57.99	59.89	58.78	23.3	23	28.2	30.2	27.8	24.5	26.2	30.2	22.4	92	94	76	68	79	87	82.7	.....
26	59.54	59.88	60.87	58.84	59.99	61.29	60.07	23.2	22.7	29.8	31.2	28	25.7	26.8	31.4	22.6	90	92	66	64	77	86	79.2	.....
27	60.77	60.98	62.26	60.40	62.02	62.89	61.55	24.8	23.5	29.2	30.4	26.7	25.2	26.6	30.5	23.4	87	94	70	66	83	90	81.7	.....
28	61.09	61.28	61.79	59.68	60.69	61.89	61.07	24.2	24	26	29.3	26.7	24.9	25.8	30	24	94	95	84	72	83	89	86.2	3.3
29	60.37	60.65	60.66	58.38	59.22	60.22	59.92	24.4	23.8	29.8	31	26.8	25	26.8	31.1	23.8	90	90	69	65	81	85	80	.....
30	59.04	59.10	60.09	57.42	58.32	59.67	58.94	24.3	24.4	28.5	30.6	26.8	25.4	26.7	31.7	24	90	90	74	65	81	90	81.7	.....
31	59.16	59.40	60.42	58.41	59.24	61.27	59.65	25.3	25.2	31	32	27.2	25.3	27.7	32.2	25	91	90	63	60	83	89	79.3	37.6
Mean	57.22	57.56	58.39	56.42	57.16	58.46	57.53	24	23.8	28.4	29	26.5	24.6	26.1	30	23.3	91.3	91.9	75.9	74.4	84.5	89.7	84.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	260 6

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	SW	SW	SW	WSW	15.9	32.8	45.4	41.3	135.4	10	A.-S.	S.-Cu. WNW	10	A.-S.	S.-Cu.
2	Calm	WSW	WSW	SW	SW	SW	30.6	38.8	97.2	60	226.6	9	A.-S. NNW	S.-Cu. W	8	A.-S.	Cu.-N.
3	SW	Calm	SW	SW	SW	SW	29.8	37	67.4	29.3	163.5	10	A.-S.	s.-cu. WSW	7	Ci.	Cu.
4	SW	Calm	S	Calm	Calm	Calm	46.4	38.8	40.4	24.6	150.2	10	A.-S.	S.-Cu. SW	10	A.-S.	S.-Cu.
5	Calm	Calm	Calm	Calm	SW	Calm	17.4	28.8	38.1	24.1	108.4	9	Ci.-S.	Cu.-N. SW	9	Ci.-S.	Cu.-N.
6	E	NE	S	SW	Calm	NE	30.8	29.6	41.3	25.4	127.1	5	Ci.-Cu.	Cu.	5	Ci.	Cu.
7	Calm	NE	S	Calm	Calm	NE	27.6	29.5	19.3	27.6	104	5	Ci.	Cu. SW	9	Ci.-S.	S.-Cu.
8	NE	Calm	Calm	Calm	Calm	Calm	26.9	21.1	21.1	25.2	94.3	4	Ci.	Cu.	10	A.-S.	N. SW
9	NE	Calm	NE	NE	Calm	Calm	25.7	23.9	28.7	23.8	102.1	4	Ci.	Cu.	10	A.-S.	N.
10	NE	Calm	NE	NE	Calm	Calm	30.4	33.2	48.6	18.5	130.7	4	Ci.	Cu.	8	Ci.-S.	Cu.-N.
11	E	Calm	NE	Calm	Calm	Calm	20.3	32.4	36.2	17.4	106.3	5	Ci.	Cu.	7	Ci.-S.	Cu.
12	Calm	Calm	ENE	ENE	Calm	Calm	15.6	34.6	53.7	17.4	121.3	9	Ci.-S.	Cu.-N. SE	5	Ci.	Cu.
13	Calm	Calm	NNE	NE	Calm	Calm	16.1	24.1	28.8	16.9	85.9	9	Ci.-S.	Cu.-N. SE	8	Ci.-S.	Cu.-N.
14	Calm	Calm	Calm	Calm	Calm	Calm	20.6	23.6	28.7	19.8	92.7	8	Ci.-S.	Cu.-N. SE	9	Ci.-S.	Cu.-N.
15	Calm	Calm	Calm	Calm	SSW	SW	17.9	16.3	30.3	61.5	126	10	A.-S.	S. WNW	10	A.-S.	N.
16	SW	Calm	ESE	E	Calm	Calm	107.8	36.4	19.3	7	170.5	10	A.-S.	Fr.-N. WSW	10	A.-S.	S.-Cu. SW
17	Calm	ESE	Calm	SE	Calm	Calm	7.8	52.6	29.8	13.2	103.4	10	A.-S.	S.-Cu. SW	10	A.-S.	N.
18	Calm	Calm	Calm	Calm	Calm	Calm	18.7	20.4	11.3	13.2	63.6	10	A.-S.	S.-Cu. SW	10	A.-S.	S.-Cu.
19	Calm	Calm	Calm	Calm	Calm	Calm	17.2	22.7	11	10	60.9	10	A.-S.	Fr.-N. SW	10	A.-S.	S.-Cu.
20	Calm	Calm	Calm	Calm	Calm	Calm	23	19	11.6	11.1	64.7	9	Ci.-S.	Cu.-N. SW	10	A.-S.	Fr.-N. SW
21	Calm	Calm	Calm	SSW	Calm	Calm	13.9	18.3	34.3	16.6	83.1	4	Ci.	Cu.	9	Ci.-S.	Cu.-N. SW
22	Calm	SW	SW	SW	SW	SW	29.8	76.6	150.2	117.7	374.3	10	A.-S.	s.-cu. WSW	10	A.-S.	Fr.-N. WSW
23	SW	SSW	SSW	Calm	Calm	Calm	70.2	30.8	27.9	1.3	130.2	10	A.-S.	S.-Cu. SW	9	Ci.-S.	Cu.-N.
24	Calm	Calm	Calm	SW	Calm	Calm	8.9	18.3	31.2	9.7	68.1	4	Ci.	Cu. SW	6	Ci.	Cu.
25	Calm	Calm	Calm	Calm	Calm	Calm	18.7	19.3	27.4	10.3	75.7	5	ci.-cu. NW	Cu. SW	6	Ci.	Cu.
26	Calm	Calm	Calm	Calm	Calm	Calm	17.2	17.9	24.3	17.7	77.1	4	Ci.	Cu. SW	8	Ci.-S.	Cu.-N.
27	NE	Calm	NE	NE	Calm	Calm	14.5	58.1	67.8	5.4	145.8	8	Ci.-S.	Cu.-N. SE	5	Ci.	Cu.
28	ENE	Calm	NE	NNE	NE	Calm	15.6	20.4	52	12.7	100.7	10	A.-S.	S. E	8	Ci.-S.	Cu.-N.
29	NE	Calm	NE	ENE	Calm	Calm	16.6	42.8	49.9	7	116.3	5	Ci.	Cu. E	5	Ci.	Cu.
30	Calm	Calm	NE	NE	Calm	Calm	5.4	28.7	44	9.7	87.8	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N.
31	Calm	Calm	E	NNE	Calm	Calm	21.1	54.5	44	14	133.6	7	Ci.-S.	Cu. E	5	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	25.1	31.7	40.7	22.9	120.3	7.5	.....	.....	8.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,730.3	.....	.....	.....	.....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.79	59.97	60.52	58.19	58.60	60.43	59.58	24.7	24	29.3	30.2	26.3	24.7	26.5	30.3	23.7	90	93	69	70	86	90	83	1.3
2..	59.11	59.22	60.34	57.54	58.25	60.27	59.12	24.3	23.4	28	30.3	26.9	24.9	26.3	30.4	23.2	91	93	77	70	82	89	83.7	.....
3..	60.17	60.53?	60.57	58.17	58.29	60.17	59.65	24.7	23.5	28.8	30.5	26.7	24.7	26.5	30.9	23.3	89	94	72	68	79	86	81.3	.....
4..	58.94	59.01	60.28	58.62	58.99	60.24	59.35	23.2	22.5	28.2	26.9	25.7	24.3	25.1	29.8	22.4	90	94	76	77	86	91	85.7	.....
5..	59.26	59.64	60.17	58.73	58.87	60.37	59.51	24.1	23.3	29	29	26.7	25.2	26.2	30.7	23.2	91	92	71	71	81	90	82.7	.....
6..	59.84	59.78	60.66	58.39	59.07	60.73	59.74	24.4	24	29.9	31.2	27.3	25.9	27.1	31.2	24	93	96	65	64	76	85	79.8	.....
7..	59.89	60.22	60.84	58.89	59.02	60.53	59.90	25.2	24.5	28.8	30.2	25.2	24.3	26.4	30.4	24	90	92	72	64	90	91	83.2	7.4
8..	59.79	59.92	61.27	59.07	59.51	61.32	60.15	24.2	24	29.7	31.2	27.1	25.1	26.9	31.8	23.8	91	91	67	64	83	91	81.2	.....
9..	60.67	60.79	61.70	59.32	59.69	61.24	60.57	24.2	24.9	28.7	30.7	27.2	25.2	26.8	30.7	24	90	89	73	61	78	90	80.2	.....
10..	60.44	60.52	62.14	60.22	60.14	61.37	60.80	24.2	24.6	29	27	26.2	25	26	29.9	24	90	88	71	77	82	87	82.5	2.5
11..	60.73	60.30	61.89	59.63	60.64	61.95	60.86	23.5	23.6	28.7	28.6	25.2	23.4	25.5	29.9	22.8	90	90	73	73	83	90	83.2	4.3
12..	60.69	60.71	61.30	59.48	59.89	61.14	60.54	24.2	23.8	26.7	27.4	25.8	24.7	25.4	28.4	23.4	90	90	79	74	85	87	84.2	.....
13..	59.96	61.13	62.18	59.99	60.28	61.29	60.80	24.2	24.2	28.4	30.1	26.2	25.4	26.4	32	24	90	90	75	64	84	88	81.8	1.3
14..	60.22	61.23	61.77	59.47	60.38	61.32	60.73	24.2	23.6	29.3	29.4	25.3	24.9	26.1	31	23.5	91	93	69	68	89	89	83.2	4.8
15..	60.99	60.91	62.24	59.93	60.04	61.19	60.88	23.1	22.8	26.3	25.8	25.8	24.7	24.8	27.8	22.7	92	92	82	85	79	86	86	2.8
16..	60.69	60.61	61.45	59.28	59.37	60.13	60.26	23.5	24.2	28.3	30.1	26.3	24.3	26.1	30.2	23.2	90	90	75	64	82	91	82	.....
17..	59.40	59.69	61.09	59.02	59.50	60.34	59.84	24.4	24.4	29	29.8	26.3	24.9	26.5	30.1	24.2	91	90	71	67	82	86	81.2	.8
18..	59.99	60.26	61.33	59.29	59.57	60.42	60.14	23.4	22.2	28.1	30	26.2	23.1	25.5	30.2	22.1	93	93	72	65	82	90	82.5	.8
19..	59.69	59.96	61.04	58.74	59.03	60.44	59.82	21.8	22.3	26.5	29.4	25.8	23.7	24.9	29.6	21.8	92	92	74	68	79	89	82.3	.....
20..	60.50?	60.86?	61.29	58.93	59.21	60.29	60.18	22.1	22	28.8	30.2	26.6	25	25.8	30.3	21.3	93	93	67	64	80	87	80.7	.....
21..	59.49	60.29	61.04	58.62	59.18	60.27	59.82	24.1	23.3	28.8	30.4	27	25	26.4	30.4	23	91	89	72	64	78	85	79.8	.....
22..	59.84	59.99	60.68	58.34	59.42	60.29	59.76	23.4	23.2	29.2	31.8	27.1	24.1	26.5	32	23	93	94	70	58	78	91	80.7	.....
23..	59.57	59.79	60.34	59.03	59.04	60.34	59.68	23.1	22.5	28.7	30.9	28	23.3	26.1	31.4	22.3	90	93	74	62	79	89	81.2	.....
24..	59.85	60.01	60.42	58.49	59.33	60.24	59.72	22.5	22.4	29.2	31	26.8	25.2	26.2	31	22.2	92	92	70	65	78	90	81.2	.....
25..	59.77	59.41	60.66	58	59.04	60.07	59.49	24	23.2	30.8	32	27	22.8	26.6	32	22.2	91	93	63	60	78	89	79	.....
26..	59.43	59.84	60.52	58.01	59.03	60.24	59.51	22.1	22.3	30	32.2	28.1	24.3	26.5	32.7	21.8	92	92	65	60	77	89	79.2	.....
27..	59.92	60.24	61.11	58.21	59.20	60.55	59.87	23	22.6	29.8	32.3	28	25.3	26.8	32.4	22.5	93	95	66	59	77	89	79.8	.....
28..	59.44	60.12	60.59	58.32	59.09	60.32	59.65	24.2	23.2	29.5	31.7	27.7	25.4	27	31.8	23	90	93	68	62	74	88	79.2	.....
29..	59.79	59.99	61.20	59.27	59.87	61.24	60.23	24.4	24	28	29	26.8	24.7	26.2	30.5	23.8	90	91	74	71	81	86	82.2	.....
30..	60.32	60.38	61.02	59.26	60.26	61.85	60.52	24	23.8	29.3	30.5	26.8	25	26.6	30.9	23.7	90	88	69	64	78	85	79	.....
Mean	59.94	60.18	61.05	58.88	59.39	60.69	60.02	23.7	23.4	28.8	30	26.6	24.6	26.2	30.7	23.1	91	91.8	71.4	66.8	80.9	88.5	81.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	NE	Calm	Calm	10	55.3	45.1	7.2	117.6	10	A.-S.	S.-Cu. SE	6	Ci.	Cu.
2..	Calm	Calm	NE	NE	Calm	Calm	7	26	45.1	20.1	98.2	7	Ci.	Cu. E	5	Ci.-Cu.	Cu.
3..	Calm	Calm	NE	NE	NE	Calm	14.3	41.5	68.7	27.7	152.2	8	Ci.-S.	Cu.-N. E	5	Ci.	Cu.
4..	Calm	Calm	Calm	NE	Calm	Calm	4	30.4	38	18.3	90.7	5	Ci.	Cu. E	9	Ci.-S.	Cu.-N.
5..	Calm	Calm	NNE	NE	Calm	Calm	11.3	42.8	44.3	8.9	107.3	5	Ci.	Cu.	9	Ci.-S.	Fr.-Cu. E
6..	Calm	Calm	NE	NE	Calm	Calm	6.2	47	68.9	21.7	143.8	5	Ci.	Cu.	6	Ci.-Cu.	Cu.
7..	Calm	Calm	NE	NE	NE	ENE	9.2?	60.9?	71.8	50.5	192.4	8	Ci.-S.	Fr.-Cu.	7	Ci.	Cu.
8..	Calm	NE	ENE	NE	NE	NE	37	66.3	89.8	48.8	241.9	8	Ci.-S.	Cu.-N. E	5	Ci.-Cu.	Cu.
9..	N	NE	NE	ENE	NE	NE	38.6	50.7	89.5	58.1	236.9	8	Ci.-S.	Cu.-N. E	6	Ci.	Cu.
10..	NE	NE	NE	NE	NE	NE	33.6	88.7	83.1	25.5	230.9	5	Ci.	Cu.	6	Ci.-S.	Cu.
11..	ENE	NE	NE	NE	Calm	Calm	34.4	67	82.3	14	197.7	9	Ci.-S.	Cu.-N. E	6	Ci.-Cu.	Cu.
12..	Calm	Calm	NE	NE	NE	Calm	16.4	47.7	66	21.5	151.6	10	A.-S.	S.-Cu. E	9	Ci.-S.	Cu.-N.
13..	Calm	Calm	NE	NE	NE	Calm	16.9	41.5	60	30.8	149.2	4	Ci.	Cu.	9	Ci.-S.	S.-Cu.
14..	Calm	Calm	ENE	NE	NE	Calm	12.1	41.5	43.8	11.1	108.5	9	Ci.-S.	S.-Cu. E	10	Ci.-S.	S.-Cu.
15..	Calm	Calm	NE	Calm	Calm	Calm	8.9	46.4	65.5	9.2	130	4	Ci.	Cu. E	9	Ci.-S.	Fr.-N. E
16..	Calm	Calm	ENE	NE	Calm	Calm	11.3	57.6	58.4	13.7	141	7	Ci.-S.	Cu. E	7	Ci.-S.	Cu.
17..	NE	NE	NE	NE	Calm	Calm	19	23.8	42	11.3	96.1	7	Ci.	Cu. E	9	Ci.-S.	Cu.
18..	Calm	Calm	NE	NE	NE	Calm	5.3	48.8	58.4	14.7	127.2	2	Ci.	.....	7	Ci.-S.	Cu.
19..	NE	Calm	Calm	NNE	Calm	Calm	18.8	19.6	40.4	16.9	95.7	9	A.-Cu. NE	S.-Cu. ENE	6	Ci.	Cu.
20..	E	NE	Calm	NE	Calm	NE	21.9	24.4	52.5	23.1	121.9	2	Ci.	.....	7	Ci.-S.	Cu. ENE
21..	Calm	Calm	NE	NE	Calm	Calm	19.3	39.6	47.2	18.3	124.4	6	Ci.	Cu. E	7	Ci.-S.	Cu.
22..	Calm	Calm	NE	Calm	Calm	Calm	17.2	25.1	19.6	15.5	77.4	5	Ci.	Cu. E	8	Ci.-S.	Cu.-N.
23..	Calm	Calm	Calm	NE	Calm	Calm	13.9	23.6	22.5	21.4	81.4	4	Ci.	Cu.	7	Ci.-S.	Fr.-Cu. E
24..	Calm	SE	Calm	NE	NE	Calm	20.3	28.4	64.2	21.7	134.6	4	Ci.	Cu. E	7	Ci.-S.	Cu.
25..	Calm	Calm	E	Calm	Calm	Calm	16.1	22	23	19.8	80.9	6	Ci.	Cu. E	7	Ci.-S.	Cu.
26..	Calm	Calm	Calm	Calm	Calm	E	25.4	20.1	22.5	29	97	7	Ci.-S. NNE	Cu. E	4	Ci.	Cu.
27..	Calm	Calm	Calm	NE	Calm	Calm	25.2	23.8	31.1	16.9	97	5	Ci.	Cu.	7	Ci.-S.	Cu. E
28..	Calm	Calm	NE	NE	Calm	Calm	16.9	51.2	64.9	19.8	152.8	5	Ci.	Cu.	6	Ci.	Cu.
29..	Calm	Calm	NE	ENE	Calm	Calm	18.8	39.6	55	20.1	133.5	9	Ci.-S.	S.-Cu. E	6	Ci.-Cu.	Cu.
30..	Calm	Calm	NE	ENE	Calm	NE	17.9	69.7	94.8	22.5	204.9	5	Ci.	Cu.	6	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	17.6	42.4	55.3	21.9	137.2	6.3	.....	.....	6.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,114.7	....	.....	.....	....	.....	.....

AMBULONG, TANAUAN, BATANGAS.

[ϕ=14° 07′ N; λ=121° 04′ E; barometer above sea, 10.5 meters; gravity correction not applied, —1.74 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.29	60.36	61.18	59.03	59.37	60.89	60.19	23.6	22.5	29	31	26.3	24.5	26.2	31.2	22.4	86	91	64	59	76	87	77.2	.....
2..	60.19	60.16	61.20	59.04	59.89	61.14	60.27	22.8	22.7	28.4	30.3	25.2	23.3	25.4	30.4	22.5	92	92	73	64	82	89	82	.....
3..	60.12	60.30	61.13	59.09	59.14	60.79	60.10	23.3	23.8	29.8	29.7	25.8	24.4	26.1	30	23.1	90	90	66	68	81	88	80.5	.....
4..	59.76	60.15	61.08	58.54	59.74	60.65	59.99	23.2	23.4	27	28.3	25.7	24.9	25.4	28.4	23	90	88	71	68	80	84	80.2	.....
5..	59.93	60.26	61.09	59.78	60.03	61.92	60.50	23.4	23.3	26.8	29.9	25.7	24.7	25.6	29.9	22.3	90	89	78	67	78	84	81	.....
6..	61.52	61.45	61.94	60.46	60.47	62.32	61.36	23.2	23	26.7	29.6	25.7	23.5	25.3	30.2	22.7	90	91	71	68	80	90	81.7	.....
7..	61.59	61.99	62.34	60.31	60.82	61.97	61.50	23.1	22	27.7	29.8	25.5	23.2	25.2	30	21.9	94	96	65	60	75	84	79	.....
8..	61.06	61.58	62.75	60.53	61.45	62.11	61.58	21.8	22.2	26.2	29.9	25.2	22.4	24.6	29.9	21	87	89	75	67	82	89	81.5	.....
9..	60.45	61.14	61.77	59.23	60.42	60.83	60.64	21.2	22.2	27.7	29.5	26	23.4	25	30.2	21	91	90	65	61	79	90	79.3	.....
10..	60.31	61.34	61.67	59.10	59.67	60.78	60.48	23	22.5	29.3	30.2	25.7	24.7	25.9	30.3	22.4	91	94	62	61	75	84	77.8	.....
11..	59.84	59.98	60.48	58.54	59.37	60.02	59.70	22.9	22.2	29.2	28.6	26.7	24.8	25.7	30.5	21.8	83	88	63	60	71	84	74.8	.....
12..	58.96	59.55	60.23	58.22	59.18	60.09	59.37	23.5	23.2	29.3	31	27.3	24.9	26.5	31.2	23.1	85	86	65	59	70	83	74.7	.....
13..	59.01	59.97	60.32	58.53	59.40	60.33	59.59	24.3	24.1	26.7	25	23.5	23.4	24.5	27.8	23.3	84	87	79	79	87	88	84	13.7
14..	59.34	59.63	60.57	58	58.87	60.14	59.42	23.6	23.8	27.2	29.4	26.2	24.5	25.8	29.5	23.3	90	90	68	66	82	84	80	.....
15..	59.84	60.04	60.95	59.01	60.07	60.79	60.12	23.8	23.4	28	31	26.2	24.3	26.1	31	23.2	87	88	66	60	78	84	77.2	.....
16..	60.19	60.25	61.36	59.19	59.86	60.93	60.30	23	22.2	28.7	30.3	25.7	24.2	25.7	30.4	21.6	84	89	62	61	78	85	76.5	.....
17..	60	61.48	61.27	59.39	59.86	61.09	60.52	23.1	23.2	29.4	29.3	26.2	24.8	26	30.2	22.7	90	90	66	69	78	84	79.5	.....
18..	60.24	61.27	61.22	59.23	60.50	61.08	60.59	23.7	23.8	28.9	28.6	25	24	25.7	29.9	23	88	88	63	65	83	86	78.8	.....
19..	60.19	61.22	61.97	59.75	61.13	61.15	60.90	22.8	23.2	28.4	30	25.3	24	25.6	30	22.7	88	90	70	64	83	86	80.2	.....
20..	60.80	61.04	61.45	59.73	60.68	60.94	60.77	22.8	22.2	29.2	30	25	24.2	25.6	30.3	22.1	84	90	63	65	83	85	78.3	.....
21..	60.10	60.64	60.52	59.03	59.58	60.32	60.03	23.2	23.3	27.2	28.4	24.5	22.5	24.8	29.8	21.9	90	90	75	75	87	90	84.5	.....
22..	59.51	60.48	60.97	58.28	59.32	59.74	59.72	22.2	21.7	28.7	30.1	25.3	22.3	25	30.7	20.9	89	92	73	65	83	90	82	.....
23..	58.78	59.79	60.17	58.18	59.57	59.87	59.39	20.3	20.7	26.3	30.3	27	19.3	24	30.6	18.7	91	91	82	64	77	87	82	.....
24..	58.80	59.94	59.95	57.59	58.44	59.06	58.96	19.3	18.3	26.3	31.2	27.9	21.4	24.1	32	18.2	87	91	82	59	75	87	80.2	.....
25..	57.42	57.78	57.16	54.26	54.38	54.48	55.91	20.7	22.4	26.8	27.9	24.3	24.2	24.4	28.1	20.6	91	92	78	72	91	91	85.8	69.9
26..	54.17	55.73	56.14	55.55	57.14	57.99	56.12	24	24.6	27.3	27.2	25	23.3	25.2	27.4	23.1	93	90	75	71	85	90	84	7.1
27..	57.19	58.69	59.04	57.68	59.12	60.34	58.68	23.2	23.9	27.8	30.0	28.2	24.5	26.3	30.2	23	90	87	71	65	74	87	79	.....
28..	59.81	60.06	61.05	58.69	59.74	60.34	59.95	23.3	22.7	27.9	26.2	26.3	24.9	25.2	28.9	22.2	89	89	74	84	82	84	83.7	2.8
29..	59.89	60.22	60.92	59.06	59.62	60.99	60.12	25.2	24.8	28.2	28.4	26.2	25.2	26.3	28.5	24.7	88	87	71	70	78	84	79.7	.....
30..	60.17	61.06	61.77	59.34	60.12	61.59	60.68	24.2	23.4	28.2	28.8	26.2	25	26	30	23.2	90	90	69	69	78	85	80.2	.....
31..	60.29	61.39	62.40	59	98	60.33	61.45	60.97	23.7	23.5	26.6	27	25.1	23.6	24.9	28.7	22.9	88	87	80	80	83	85	83.8	.....
Mean	59.67	60.29	60.84	58.79	59.59	60.52	59.95	22.9	22.8	27.9	29.3	25.8	23.8	25.4	29.9	22.2	88.7	89.7	70.5	66.6	79.8	86.4	80.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	NE	ENE	Calm	Calm	18.3	47.5	60.2	20.9	146.9	5	ci.-cu. NE	Cu. E	6	Ci.	Cu.
2..	Calm	Calm	NE	ENE	NE	Calm	15.8	44.8	72.6	23.6	156.8	7	Ci.-S.	Cu. E	8	Ci.-S.	Cu.-N.
3..	Calm	Calm	ENE	NE	NE	Calm	22.8	67.3	92.2	26.6	208.9	9	Ci.-S.	Cu.-N. E	6	Ci.	Cu.
4..	Calm	NE	ENE	NE	ENE	NE	29.6	67.6	89.5	33.8	220.5	9	Ci.-S.	cu.-N. ENE	8	Ci.-S.	Cu.-N.
5..	NE	NE	ENE	ENE	NE	Calm	44.6	87.7	103.5	40.7	276.5	9	Ci.-S.	cu.-N. ENE	6	Ci.	Cu.
6..	Calm	NNE	NE	NE	Calm	Calm	25.2	53.6	86.6	21.4	186.8	8	Ci.-S.	cu.-N ENE	5	Ci.	Cu.
7..	Calm	Calm	NE	NE	NE	Calm	19.1	55	81.8	30	185.9	6	Ci.	Cu. E	7	Ci.-S.	Cu. E
8..	Calm	Calm	NE	ENE	NE	Calm	17.4	41.2	66	21.9	146.5	6	Ci.	Cu. E	8	Ci.-S.	Cu.-N.
9..	Calm	Calm	NE	NE	NE	NE	19.1	65.2	92.8	41.8	218.9	6	Ci.	Cu.	9	Ci.-S.	Cu.-N.
10..	NE	NE	NE	NE	NE	NNE	38.1	58.5	89.3	50.5	236.4	6	Ci.	Cu. E	6	Ci.	Cu.
11..	NE	NE	NE	NE	NE	NE	42.4	63.4	69.7	53.7	229.2	6	Ci.-Cu.	Cu.	5	Ci.	Cu.
12..	NE	NE	NE	NE	NE	NE	39.9	65.8	72.9	42.4	221	6	Ci.	Cu.	7	Ci.-Cu.	Fr.-Cu. E
13..	NE	ENE	NE	NE	NE	NE	43.5	58.4	39.6	30.1	171.6	7	Ci.-Cu.	Cu. E	10	A.-S.	N. E
14..	NE	NE	NE	NE	NE	NE	31.1	41.3	47.8	35.2	155.4	5	Ci.	Cu.	8	Ci.-S.	Cu.-N.
15..	NE	Calm	NE	ENE	Calm	NE	30.3	47.3	51	30.4	159	5	Ci.	Cu.	6	Ci.	Cu.
16..	Calm	Calm	ENE	ENE	Calm	Calm	23.3	35.9	45.6	22.7	127.5	5	Ci.-Cu.	Cu.	6	Ci.-Cu.	Cu. ESE
17..	Calm	Calm	NE	NE	NE	Calm	24.7	54.1	55.2	21.5	155.5	7	Ci.-S.	Cu.	9	A.-cu. ENE	Cu. E
18..	Calm	Calm	NE	NNE	Calm	Calm	18.5	38.6	51.5	25.2	133.8	5	Ci.-Cu.	Cu. E	5	Ci.	Cu.
19..	Calm	NE	NE	NE	Calm	Calm	24.1	56.8	55.8	16.4	153.1	7	Ci.	Cu. E	8	Ci.-S.	Cu.-N. E
20..	Calm	NE	NE	NE	NE	Calm	21.9	50.7	68.4	26	167	4	Ci.	Cu. E	6	Ci.	Cu.
21..	Calm	Calm	NE	NE	ENE	Calm	16.7	40.8	68.4	25.5	151.4	4	Ci.-Cu.	Cu. E	10	A.-S.	S.-Cu. E
22..	NE	Calm	NE	Calm	Calm	Calm	28.8	48.3	66.3	21.5	164.9	4	Ci.	Cu. E	6	Ci.	Cu.
23..	NE	NE	NE	NE	Calm	Calm	24.3	38	36	20.7	119	4	Ci.	Cu. E	7	Ci.-S.	Cu.
24..	Calm	Calm	NE	Calm	Calm	Calm	25.1	35.6	29.8	25.7	116.2	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.
25..	Calm	Calm	NNW	NNW	N	NNE	24.3	50.5	58.1	67.9	200.8	8	Ci.-S.	Cu.-N.	10	A.-S.	S.-Cu.
26..	NE	NE	E	Calm	Calm	Calm	79.1	68.2	25.2	19.1	191.6	10	A.-S.	N. SE	8	Ci.-S.	Cu.-N. ESE
27..	ENE	Calm	SE	ESE	Calm	Calm	37.8	37.8	49.7	21.9	147.2	9	Ci.-S.	cu.-N. ENE	7	Ci.	Cu.
28..	Calm	NE	NE	NE	NE	NE	29.8	39.2	52.9	29	150.9	6	Ci.-Cu.	Cu. E	9	Ci.-S.	Cu.-N.
29..	NE	NE	NE	ENE	NE	Calm	53.3	78.1	79.2	49.7	260.3	7	Ci.-S.	Cu.-N. E	10	A.-Cu.	Cu.-N.
30..	NE	NNE	NE	NE	NE	NE	32.4	55.8	69.7	45.3	203.2	9	Ci.-S.	Cu.-N. E	7	Ci.-S.	Cu.
31..	NE	NE	NE	NE	NE	NE	28.7	54.9	69.2	34.1	186.9	10	Ci.-S.	Cu.-N. E	10	A.-S.	S.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	30	53.2	64.4	31.5	179	6.7	.....	.....	7.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,549.6	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.95	60.55	61.40	59.50	59.89	61.02	60.38	22.6	23.4	24	26.5	24.6	24	24.2	26.8	22	95	92	93	80	85	91	89.3	23.6
2..	60.25	60.73	61.92	60.21	60.54	61.62	60.88	24	24.2	25.2	27	25.6	23.8	25	27.2	23	91	94	90	80	84	96	89.2	12.4
3..	60.95	61	62.68	60.54	60.70	62.06	61.32	24.6	25	23.5	24	23.5	22.8	23.9	26.3	22.4	87	80	96	88	94	95	90	70.4
4..	61	61.04	62.27	60.55	61.13	62.48	61.41	23.5	23.5	23.7	23.5	23	23.4	23.4	25.8	22.5	90	92	94	94	96	91	92.8	29.5
5..	61.68	61.58	62.96	60.80	61.13	62.05	61.70	22.7	22.3	23.1	24.8	24.5	24.6	23.7	24.8	21.9	92	93	89	77	72	71	82.3	4.6
6..	61.34	61.64	62.88	61.27	61.84	62.35	61.89	24.5	23.9	26	24.6	23.8	24.8	24.6	26	21.4	73	84	69	76	75	75	75.3	5.9
7..	60.94	61.04	62.65	60.85	62.19	63.32	61.83	23.1	24.3	23.4	22.8	22.5	24.5	23.4	25.2	21.8	78	77	84	93	89	70	81.8	11.7
8..	63.10	63.43	64.49	62.85	63.10	64.88	63.64	21.5	21.3	22	21.1	22.6	22	21.8	23.9	19.9	87	88	83	90	74	79	83.5	15.7
9..	63.10	63.82	64.93	62.78	62.95	63.73	63.56	22.2	21	21.3	24.3	20.8	22.4	22	25	19.7	76	82	84	62	86	77	77.8	2.3
10..	62.35	62.40	63.48	61.72	62.35	62.86	62.53	22.6	22.8	24.6	25.3	22	23.6	23.5	26.3	21.5	76	74	67	66	89	80	75.3	2.3
11..	61.89	62.38	63.33	61.10	61.27	62.35	62.05	23.5	23	23.6	24.2	24.8	23.7	23.8	25.2	22	79	89	86	90	83	94	86.8	31.1
12..	61.19	60.99	61.73	59.92	60.08	61.38	60.88	22.6	24	25.5	26.2	24.8	23.3	24.4	26.4	22.3	95	91	84	84	89	97	90	139.2
13..	60.28	60.13	61.13	59.70	59.88	61.14	60.38	23.2	23	23.8	24	23.8	23.3	23.5	25	21.6	97	97	96	94	95	96	95.8	63.5
14..	60.59	60.70	62.03	60.55	60.95	62.63	61.24	23.3	24.4	24.5	23.4	23.2	22.8	23.6	25.6	22.5	96	90	92	97	94	93	93.7	22.1
15..	61.93	62.05	63.60	62.25	62.56	63.30	62.62	23.6	23.3	24	23.5	23.5	23.4	23.6	25	22.3	86	87	81	85	87	85	85.2	.....
16..	62.60	62.79	63.25	61.33	61.90	62.71	62.43	23.1	22.3	23.5	24.6	23.3	23.4	23.4	24.8	22	85	88	79	76	90	81	83.2	.....
17..	61.98	61.53	62.50	60.53	60.74	61.45	61.46	23.5	23.5	24.5	25	23.1	23	23.8	25.3	21.9	79	79	80	80	86	90	82.3	3.1
18..	60.18	60.78	61.73	59.84	60.14	60.84	60.58	22.4	22	23	23	23.4	23.7	22.9	25.2	21.8	95	96	89	96	93	92	93.5	23.9
19..	59.67	59.88	60.98	59.20	60.10	61	60.14	23.6	22.8	25	23.6	24	23.5	23.8	26.2	22.5	93	97	90	97	93	96	94.3	56.9
20..	60.73	60.78	62.09	60.28	60.83	62.49	61.20	22.6	23	25.2	24.1	23.3	23	23.5	26.8	21.3	95	96	86	91	90	86	90.7	14.2
21..	61.40	61.90	63.09	60.93	61.06	62.15	61.76	21.4	22.3	22.5	23.2	23.5	23.5	22.7	24	21	89	88	88	81	76	76	83	1.3
22..	60.88	61.31	63.18	61.35	62.09	63.43	62.04	21.9	22.9	24.3	24.6	23.3	22.8	23.3	25.2	21.4	83	77	69	66	71	70	72.7	.5
23..	61.95	61.16	62.41	59.99	60.40	61.52	61.24	22.4	22.8	24.2	25	22.7	23.4	23.4	25.7	22.2	71	68	71	76	85	81	75.3	2.1
24..	60.28	60.60	61.50	59.32	59.62	60.95	60.38	22.5	22.5	22.3	23	23.8	24	23	24.8	21.1	82	82	88	87	83	81	83.8	5.3
25..	59.62	60	61.68	60.06	60.63	61.78	60.63	23.6	23.6	23.4	23	23.3	23	23.3	24.8	21.2	82	82	77	80	72	74	77.8	3.9
26..	60.70	61.04	62.86	61.16	60.98	61.89	61.44	21.6	22.6	22.7	21.2	23.3	22.7	22.4	24.2	20.5	82	74	81	89	76	77	79.8	4.9
27..	60.70	60.93	62.23	59.71	59.95	61.65	60.86	22	22.8	24	23.5	23.2	23.7	23.2	24.5	20.5	82	76	70	75	80	73	76	.....
28..	60.23	60.33	61.24	59.41	59.58	60.99	60.30	23.1	23.3	24.8	24.4	23.5	23.5	23.8	25.2	22	78	76	73	71	77	75	75	.8
29..	59.72	59.93	61.68	59.65	59.90	61.22	60.35	23.4	23.2	24	26.5	23.8	24	24.2	26.5	22.8	72	70	71	62	73	79	71.2	1
30..	59.65	59.71	60.75	58.83	59.42	60.83	59.86	23.8	22	23.3	23.3	22.2	22.2	22.8	24	21.8	81	96	93	95	96	96	92.8	49
31..	60.23	60.28	62.06	60.21	60.93	62.23	60.99	21.6	22.4	24	23.6	22.2	21.8	22.6	24.6	21.6	96	92	87	86	94	96	91.8	13.9
Mean	61	61.18	62.41	60.53	60.93	62.07	61.35	22.9	23	23.8	24.1	23.4	23.3	23.4	25.4	21.7	85.3	85.4	83.2	82.7	84.7	84.3	84.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	615.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	Calm	54.7	51	59	40.8	205.5	10	.....	S.-Cu. NE	10	Ci.-S.	Cu. NE
2..	NE	Calm	NE	NE	NE	NE	30	48.3	64.6	74.8	217.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
3..	ENE	ENE	ENE	ENE	ENE	ENE	70.3	73.4	75.1	72.9	291.7	10	Ci.-S.	Cu. NE	10	.....	N. NE
4..	ENE	ENE	ENE	ENE	ENE	ENE	74.5	77.4	68.6	64.6	285.1	10	.....	N. NE	10	.....	N. NE
5..	ENE	ENE	ENE	ENE	ENE	ENE	71.3	76.2	75	82.9	305.4	10	.....	N. ENE	10	Ci.-S.	S.-Cu. ENE
6..	ENE	ENE	ENE	NE	NE	NE	85.9	85.5	78.9	76.9	327.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
7..	ENE	ENE	ENE	ENE	ENE	ENE	86.4	93.9	108	120.7	409	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	S.-Cu. ENE
8..	ENE	ENE	ENE	NE	NE	NE	108.1	122	115.9	120.2	466.2	10	Ci.-S.	s.-cu. ENE	10	.....	N. NE
9..	NE	NE	NE	NE	NE	NE	111.5	113.5	102.2	88.5	415.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
10..	NE	NE	NE	NE	NE	NE	82.6	80.2	81.5	87.7	332	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
11..	NE	NE	NE	NE	NE	NE	76.9	73.4	65	62	277.3	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
12..	NE	NE	NE	NE	NE	NE	54.9	66.6	53.6	44.9	220	10	.....	N. NE	10	Ci.-S.	Cu. NE
13..	NE	Calm	NE	Calm	Calm	Calm	56	40.2	20.4	29.5	146.1	10	.....	N. NE	10	.....	N. NE
14..	ENE	ENE	ENE	ENE	ENE	NE	57.4	81.1	95.3	102.8	336.6	10	Ci.-S.	S.-Cu. NE	10	.....	N. NE
15..	NE	NE	NE	NE	NE	NE	105.9	98.8	88.8	94.4	387.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
16..	NE	NE	NE	NE	NE	NE	73.8	78.1	66.5	75.6	294	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
17..	NE	NE	NE	NE	NE	NE	69.7	75.4	63.1	64.2	272.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
18..	NNE	NNE	NNE	NNE	NNE	NNE	61.7	63.3	57.6	53.9	236.5	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
19..	NNE	Calm	NNE	NNE	NNE	NNE	40.2	38.8	55.2	55.3	189.5	10	Ci.-S.	s.-cu. NNE	10	.....	N. NNE
20..	NE	NE	NE	NNE	NNE	NNE	62	49.1	86.9	116.7	314.7	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
21..	NNE	NNE	NNE	NNE	NNE	NNE	100.6	100.6	97.1	86.7	385	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	Cu. NNE
22..	NNE	NNE	NNE	NE	NE	NNE	80.2	73.8	67	73.5	294.5	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	Cu. NNE
23..	NNE	NNE	NNE	NNE	NNE	NNE	58.1	76.4	75.6	73.8	283.9	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNE
24..	NNE	NNE	NE	NE	NE	NE	83.4	73.2	82.1	74.3	313	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NE
25..	NE	NE	NE	NE	NE	NNE	81	92.3	93.1	94.1	360.5	10	Ci.-S.	Cu. NNE	10	Ci.-S.	S.-Cu. NNE
26..	NNE	NNE	NNE	NNE	NNE	NNE	93.1	95.5	88.5	80.3	357.4	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
27..	NNE	NNE	NNE	NNE	NNE	NNE	75.8	80	75.4	71.6	302.8	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNE
28..	NNE	NNE	NNE	NNE	NNE	NNE	64.4	72.6	65.2	68.2	270.4	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNE
29..	NNE	NNE	ENE	ENE	ENE	ENE	53.9	63.4	53.9	34.6	205.8	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NE
30..	ENE	Calm	NNE	NNE	NE	NE	36.4	49.3	51	54.9	191.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	N. NNE
31..	NE	NE	NE	NE	NE	NE	66.6	81.5	82.9	85.3	316.3	10	Ci.-S.	N. NE	10	Ci.-S.	S.-Cu. NE
Mean	.....	.....	.....	.....	.....	.....	71.8	75.6	74.6	75.1	297.2	10	.....	.....	10	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,211.7	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	61.08	61.88	62.81	61.03	61.68	62.23	61.78	23.2	22.5	23.5	23	22.2	24.2	23.1	24.3	21.8	90	91	87	89	91	83	88.5	8.6
2	61.12	61.22	62.44	60.36	60.59	61.28	61.17	23.6	23.8	24.6	26.3	24.7	23.4	24.4	28.2	23	90	89	87	80	87	95	88	4.3
3	60.35	60.47	61.48	59	59.25	60.10	60.11	23.7	24.2	25.2	24.8	24.2	24	24.4	25.4	23.1	94	94	90	93	91	96	93	6.4
4	59.35	59.51	60.60	58.25	58.18	58.99	59.15	23.1	23.4	25	27	24.7	23.4	24.4	27.5	22.6	96	97	94	85	96	97	94.2	22.4
5	58.30	58.81	59.77	57.86	57.95	58.56	58.54	22	21	25.6	26.4	25.4	22.8	23.9	28.7	21	96	98	88	83	90	97	92	.3
6	57.57	58.38	59.30	57.55	57.83	58.87	58.25	22	21	26.3	25.8	24.6	24.1	24	28.7	20.9	96	97	86	85	87	88	89.8	.....
7	58.40	58.72	60.40	58.96	59.47	60.84	59.46	24.3	24	24.7	25.2	24	24	24.4	25.2	23	83	83	79	70	74	70	76.5	.....
8	59.91	60.31	61.65	60.04	60.65	61.49	60.68	23.6	22	25	26.7	22.8	23.6	24	26.9	21.3	70	81	70	66	81	80	74.7	4.6
9	61.19	61.33	62.73	60.95	61.48	62.59	61.71	22.5	22.3	23	23.5	24.6	24.6	23.4	24.8	21.4	96	97	91	91	82	82	89.8	8.3
10	61.85	61.68	62.38	61.05	61.48	62.26	61.78	23.3	23.8	22.7	23	23	23.8	23.3	24.1	22.3	89	85	94	91	91	89	89.8	11.4
11	61.05	61.12	62.58	60.29	60.53	61.15	61.12	23.5	23.6	23.3	23.8	23.6	24.2	23.7	24.4	22.5	90	89	93	93	93	94	92	31.7
12	60.40	60.45	61.75	60.44	61	61.58	60.94	23.5	24.4	24.4	24.3	23.6	23.4	23.9	24.8	22.5	96	91	87	89	93	94	91.7	24.7
13	60	60.70	61.58	59.70	59.93	60.32	60.37	24.2	23.3	23.5	26.6	23.5	24	24.2	26.9	22.7	95	96	91	82	91	91	91	4.6
14	59.70	59.84	60.63	58.58	58.73	59.74	59.54	23.6	23.4	26.2	27.7	25.5	24.5	25.2	28.8	22.7	95	92	85	78	84	96	88.3	45.7
15	58.86	59.75	60.72	58.30	58.98	60.83	59.57	23.6	23.2	24.8	28.2	26.6	23.7	25	28.2	22.8	97	98	91	80	80	97	90.5	36.6
16	60.53	61	62.75	61.25	61.55	62.99	61.68	23.1	22.1	24	23.2	24	23.1	23.2	25.2	21.9	97	97	96	95	90	93	94.7	37.8
17	61.93	62.53	64.33	62.20	62.48	63.75	62.87	23	23.2	22.4	23.7	22.6	23.3	23	24.1	22	91	87	88	81	90	73	85	1.1
18	62.93	62.75	63.96	61.91	62.35	64.09	63	23.2	23.2	23	24.2	23.3	21.3	23	24.8	21	70	70	73	68	74	86	73.5	2.6
19	62.75	62.66	64.46	62.51	62.89	63.85	63.19	20.6	21	20.7	22.2	20.3	21.8	21.1	22.2	19.6	89	82	87	75	90	80	83.8	5.8
20	62.97	62.89	64.64	62.30	62.30	63.23	63.06	21.6	22.2	21	23.2	23	23	22.3	23.8	20.5	82	78	93	73	70	74	78.3	1
21	62.50	62.71	64.55	61.94	61.94	62.88	62.75	22.7	22.6	25.1	25.2	23	20.8	23.2	25.8	20.8	75	75	64	68	79	94	75.8	2.3
22	62.30	62.51	64.31	62.34	62.47	63.63	62.93	20.2	21.2	23.8	25.3	23.8	23.7	23	26.8	20	96	98	79	66	73	75	81.2	2.6
23	62.93	63.33	64.58	62.60	63.09	64.65	63.53	22.4	20.5	23.5	23.2	23	23.1	22.6	24.8	20.1	79	91	72	77	71	71	76.8	2
24	63.39	63.59	64.96	63.03	63.23	63.89	63.68	22.4	23	22.7	23.8	23.8	23.5	23.2	24.2	21.7	74	70	81	81	77	83	77.7	2.6
25	62.68	62.90	64.05	62.30	63.05	63.50	63.08	23	22.4	24	23.6	22.8	23.6	23.2	24.2	22	88	95	90	92	97	95	92.8	21.8
26	61.88	61.93	63.28	61.63	61.90	62.90	62.25	23.6	23.6	26	27.5	24.6	23.6	24.8	27.8	22.6	91	91	82	73	82	89	84.7	.....
27	62.30	62.89	63.89	62.09	62	63.10	62.71	23	23.2	25.7	27.1	24	23.6	24.4	27.3	22.4	93	93	81	75	93	97	88.7	2.3
28	62.29	62.32	63.30	61.43	61.55	62.92	62.30	23.5	24	27.1	24.5	24.5	23.2	24.5	28.4	22.8	96	89	72	90	83	92	87	3.9
Mean	61.09	61.36	62.64	60.71	61.02	62.01	61.47	22.9	22.8	24.2	25	23.8	23.4	23.7	25.9	21.8	89.1	89.1	84.7	81	85	87.5	86.1	.....
Total	.....																							295.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	NE	NE	NE	NE	NE	80.8	89	50.7	59.5	280	10	.....	N. NE	10	Ci.-S.	N. NE
2	ENE	ENE	ENE	ENE	ENE	ENE	50.5	53.7	59.2	40.8	204.2	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	Cu. ENE
3	ENE	ENE	ENE	ENE	ENE	Calm	45.6	59.5	37.8	7.7	150.6	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	S.-Cu. ENE
4	Calm	Calm	Calm	ENE	Calm	Calm	3.2	22.5	28	4.2	57.9	10	Ci.-S.	Cu. SE	10	Ci.-S.	Cu. E
5	Calm	Calm	E	Calm	Calm	Calm	3	18.5	24.7	1.6	47.8	2	Ci.	Cu.	10	Ci.-S.	Cu. W
6	Calm	Calm	ENE	NW	NNE	Calm	.8	15.8	38.9	23.8	79.3	3	Ci.	Cu.	10	Ci.-S.	Cu. WNW
7	NE	NE	NNE	NNE	NNE	NNE	40.2	69.5	72.9	62.8	245.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
8	NNE	NNE	NE	NE	NE	NE	58.1	64.9	70.2	67.3	260.5	10	Ci.-S.	S.-Cu. NE	4	Ci.	Cu. NE
9	NE	ENE	NE	NNE	NE	NE	81	82.1	82.7	79.9	325.7	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NNE
10	NE	NE	NE	NE	NE	NE	76.4	86.1	85.3	68.9	316.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
11	NE	NE	NE	NE	N	N	75.9	57.9	72.4	77.2	283.4	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
12	N	NE	NE	ENE	ENE	ENE	99.3	92.2	77.2	73.8	342.5	10	.....	N. NNE	10	.....	N. NE
13	ENE	Calm	ENE	ENE	ENE	Calm	54.5	43.8	52.5	21.2	172	10	.....	N. E	10	Ci.-S.	Cu. E
14	Calm	Calm	ENE	ENE	ENE	Calm	11.6	28.5	48.6	10.3	99	6	Ci.	Cu.	5	Ci.	Cu. E
15	Calm	Calm	Calm	ENE	Calm	Calm	8.9	19.6	35.6	2.6	66.7	10	.....	N. NE	2	Ci.	Cu. ENE
16	Calm	Calm	NNE	NNE	NNE	NNE	9.5	44.8	89.8	84.8	228.9	10	Ci.-S.	Cu. NE	10	.....	N. NE
17	NE	NE	NE	NE	NE	NE	101.2	104.3	96.4	97.7	399.6	10	.....	s.-cu. NNE	10	Ci.-S.	Cu. NNE
18	NE	NE	NE	NE	NE	NE	90.1	80.5	73.7	82.9	327.2	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NNE
19	NE	NE	NE	NE	NE	NE	92.3	87.9	81.3	76.4	337.9	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
20	NE	NE	NE	NE	NE	NE	63.1	64.9	54.5	50.2	232.7	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	S.-Cu. NNE
21	NE	NE	NE	NE	Calm	Calm	44.6	44.6	34.8	6.1	130.1	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu.
22	Calm	Calm	NE	NE	NE	NE	11.8	67.6	64.7	53.6	197.7	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	S.-Cu. NE
23	NE	NE	NE	NE	NE	NE	53.9	75.1	78.6	68.1	275.7	10	.....	s.-cu. NNE	10	Ci.-S.	Cu. NNE
24	NE	NE	NE	NE	NE	NE	61.4	65.7	55.7	55.7	238.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
25	NE	NE	NE	NE	Calm	NE	55.8	50.2	51.7	24.1	181.8	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
26	Calm	NE	NE	NE	NE	Calm	33.6	53.3	65.8	29.8	182.5	10	Ci.-S.	Cu. NE	6	Ci.	Cu. NE
27	Calm	Calm	NE	NE	Calm	NE	13.7	43.3	53.3	45.1	155.4	4	Ci.	Cu.	10	Ci.-S.	Cu. NE
28	ENE	ENE	ENE	NE	NE	Calm	40.2	51.5	54.9	45.4	192	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
Mean	.....						48.6	58.5	60.4	47.2	214.7	9.1	.....		9.2	.....	.....
Total	.....						.....	.....	.....	.....	6,011.7	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.80	61.83	62.68	61.30	61.69	62.75	62.01	23.6	23.6	24	23.5	24.6	24.2	23.9	24.6	23	91	92	91	94	79	80	87.8	7.7
2..	62.10	62.47	64.08	62.73	63.37	64.66	63.24	24	23.8	25.2	26.8	25.1	24	24.8	27.1	23	79	79	78	71	73	86	77.7	4.5
3..	64.45	64.50	65.83	63.90	63.98	64.61	64.54	23.8	23.8	25.3	25.5	24.5	24.3	24.5	26	22.2	85	85	75	73	75	85	79.7	2.3
4..	63.78	63.63	64.45	62.13	62.73	63.38	63.35	24.2	24	26.2	27.5	25	24.3	25.2	27.7	22.9	86	90	77	76	85	89	83.8	1.3
5..	61.95	62.64	63.71	61.98	62.08	63.18	62.59	24.1	24.1	27.4	27.5	25.4	23.8	25.4	28	23.3	88	86	73	74	80	87	81.3	8.1
6..	62.20	62.62	63.64	61.73	62.09	62.83	62.52	24	24.4	26.2	26.8	25.2	24.8	25.2	27	22.8	83	88	81	77	80	85	82.3	2.8
7..	61.80	61.84	63.09	61.39	61.20	62.05	61.90	24	24	26.7	25.5	25	25	25	27.9	22.5	90	87	77	80	90	81	84.2	2.3
8..	60.55	60.65	61.19	59.14	59.25	60.18	60.16	23.2	23.5	23.7	25.6	25.2	24.3	24.2	25.6	22.2	92	87	94	84	88	91	89.3	40.1
9..	58.84	58.62	59.73	57.61	58.24	59.25	58.72	24.2	24	25.3	27	24	24.3	24.8	27	22.1	90	91	89	81	91	91	88.8	27.9
10..	58.40	58.62	59.85	58.14	58.40	59.74	58.86	24	24	25.7	27	25	24.5	25	27	22.7	91	91	86	77	86	90	86.8	3.6
11..	59.17	59.56	61.03	59.18	59.30	60.48	59.79	24.3	23.5	25.5	26	24.5	24.2	24.7	26.3	23	89	94	88	80	87	91	88.2	15.5
12..	59.60	59.78	61.02	59.18	59.83	60.45	59.98	23.8	23.8	26.6	28	23.7	24.5	25.1	28.2	22.6	89	89	80	74	91	87	85	1.3
13..	58.99	59.27	60.54	58.70	58.70	59.95	59.36	23.2	23.2	23.7	25.3	23.8	24.1	23.9	26	23.1	95	94	94	88	95	95	93.5	22.2
14..	59.40	59.61	60.68	58.23	57.90	59.68	59.25	23.5	22.4	26.5	28.8	25.8	23.6	25.1	28.8	22.3	96	97	80	73	84	95	87.5	1
15..	58.45	59.06	60.85	59.34	59.67	61.18	59.76	23.4	22.3	27.2	26.5	25	24.5	24.8	27.6	22.2	97	97	75	80	80	81	85.	6.9
16..	60.55	60.57	61.88	60.72	61.04	62.33	61.18	24.3	24.2	25	24	23	23.5	24	25	22.2	81	84	83	83	91	96	86.3	6.3
17..	61.53	61.90	62.83	61.53	62.45	63.49	62.29	23.4	23.5	25.5	25.5	24.2	23.7	24.3	26	22.1	88	83	76	73	78	80	79.7	8.6
18..	62.18	62.80	64.14	62.31	62.63	63.50	62.93	23.6	22.5	25.3	27.5	24	22.4	24.2	27.8	21.5	82	91	74	70	79	86	80.3	.....
19..	62.08	62.37	63.45	61.64	61.49	62.38	62.24	20.1	19.1	26	28	24.8	20.6	23.1	28.5	19	90	96	69	65	75	94	81.5	.....
20..	61.05	61.17	62.37	60.03	60.11	61.39	61.02	20.2	19.3	26.6	28	24.8	21.1	23.3	28	19.3	94	97	69	62	75	94	81.8	.....
21..	60.18	60.32	61.28	59.32	59.10	60.19	60.06	20	19.7	27	28.2	25	21	23.5	28.4	19.4	96	97	66	63	72	92	81	.....
22..	59.54	60.11	61.92	59.83	60.41	61.69	60.58	19.8	18.7	27.1	28.3	24.8	22.5	23.5	28.5	18.6	95	96	68	64	75	92	81.7	.....
23..	60.43	60.58	61.27	59.22	58.96	59.80	60.04	20.8	20.3	28	27.6	25	21.5	23.9	29.5	19.8	94	94	65	66	76	94	81.5	.....
24..	58.77	58.87	59.82	58.04	58.19	59.54	58.87	20.1	19.8	28	29.2	26.8	23.3	24.5	29.4	19.8	95	97	67	66	77	93	82.5	.....
25..	59	59.15	60.28	58.47	58.66	59.54	59.18	22	21.5	29	28.8	27.5	24.5	25.6	30.2	21.3	95	95	76	78	84	96	87.3	.....
26..	58.75	59.45	61.08	59.42	59.22	61.29	59.87	23.3	22.3	29.5	29.5	27	26	26.3	30.4	22.2	97	97	73	71	84	90	85.3	.....
27..	60.16	60.67	61.98	60.31	60.32	61.66	60.85	25.7	23	28.5	29	26.5	25.5	26.4	29.4	22.9	91	97	74	73	80	84	83.2	2
28..	60.66	60.42	61.88	60.03	59.56	60.91	60.58	25.2	24.8	27.7	29	26	25.2	26.3	29	24.5	87	91	76	71	80	82	81.2	.....
29..	60.43	60.85	62.08	59.88	59.71	61.19	60.69	24.6	25	27.7	29.3	26.5	23.3	26.1	29.3	22.4	87	83	70	64	73	93	78.3	.....
30..	60.22	60.43	61.37	59.61	59.67	61.76	60.51	21.4	21.2	26	29	26.2	26	25	29.5	21.2	96	98	84	72	82	82	85.7	10.9
31..	60.84	61.03	61.77	59.69	60.06	61.61	60.83	25.7	25	26.5	28.3	26.2	25	26.1	28.3	24	84	89	86	77	85	88	84.8	6.1
Mean	60.58	60.82	61.99	60.15	60.32	61.50	60.90	23.1	22.7	26.4	27.3	25.2	23.9	24.8	27.8	21.9	90.1	91.4	77.9	74.2	81.6	88.7	84	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181.4

Day.	Wind.											Couds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	ENE	ENE	NE	52.6	57.6	43.3	45.4	198.9	10	Ci.-S.	Cu. NE	10	Ci.-S.	N. NE
2..	NE	NE	NE	NE	NE	NE	68.4	76.6	70.8	71.4	287.2	10	Ci.-S.	Cu. NNE	10	Ci.-S.	Cu. NE
3..	NE	NE	NE	NE	NE	NE	65.7	83.9	79.2	63.4	292.2	10	Ci.-S.	s.-cu. NNE	10	Ci.-S.	Cu. NE
4..	NE	NE	NE	NE	NE	NE	53.3	53.1	57.9	45.7	210	10	Ci.-S.	S.-Cu. NE	10	A.-Cu.	Cu. ENE
5..	ENE	ENE	ENE	ENE	ENE	ENE	45.9	65.5	60.2	55.8	227.4	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
6..	ENE	ENE	NE	NE	NE	NE	57.7	69.8	85.3	67.1	279.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
7..	ENE	ENE	ENE	ENE	NE	NE	58.7	77	67.3	62.3	265.3	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NE
8..	NE	NE	NE	NE	NE	NE	65	56.6	71.3	62.6	255.5	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
9..	NE	NE	NE	NE	NE	Calm	64.7	67	69.2	42	242.9	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	S.-Cu. NE
10..	Calm	NNE	NE	NE	Calm	Calm	12.9	41.3	42.8	16.3	113.3	10	Ci.-S.	s.-cu. NNE	4	Ci.	Cu. NNE
11..	NE	NE	NE	NE	NE	NE	40.4	46.2	67.3	55.3	209.2	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
12..	Calm	NE	NE	NE	NE	NE	31.1	57.6	71.1	44.3	204.1	10	Ci.-S.	S.-Cu. NE	6	Ci.	Cu. NE
13..	NE	Calm	NE	NE	Calm	Calm	28	32.4	52.5	9.2	122.1	10	.....	N. E	10	Ci.-S.	Cu. NE
14..	Calm	Calm	W	W	Calm	Calm	3.8	24.4	35.7	3.7	67.6	3	Ci.	Cu.	3	Ci.	Cu. WSW
15..	Calm	Calm	NNW	N	N	NE	2.4	20.7	52.1	48.8	124	1	Ci.	Cu.	10	Ci.-S.	Cu. N
16..	NE	NE	NE	NE	Calm	NE	27.2	50.9	47	41.3	166.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NNE
17..	NE	NE	NE	NE	NE	NE	51.8	62 2	67.3	48.3	229.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. NE
18..	NE	Calm	NE	NE	NE	Calm	37.2	48	55.7	21.5	162.4	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu. ENE
19..	Calm	Calm	NE	NE	Calm	Calm	5.3	28.2	36.8	2.4	72.7	4	Ci.	Cu. NE	4	Ci.	Cu. NE
20..	Calm	Calm	ENE	ENE	Calm	Calm	5.6	36.8	43.7	2.7	88.8	2	Ci.	Cu. ENE	3	Ci.	Cu. E
21..	Calm	Calm	NE	NE	Calm	Calm	7	38.4	44.8	5.3	95.5	4	Ci.	Cu. ENE	3	Ci.	Cu. NE
22..	Calm	Calm	NE	NE	Calm	Calm	5	26.4	49.9	18.3	99.6	2	Ci.	Cu.	6	Ci.	Cu. NE
23..	Calm	Calm	NE	NE	Calm	Calm	6.4	36.8	48.3	8.7	100.2	7	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
24..	Calm	Calm	NE	NE	Calm	Calm	4.3	28	41	5	78.3	1	Ci.	Cu.	4	Ci.	Cu. SW
25..	Calm	Calm	NE	NE	Calm	Calm	2.4	26.4	35.7	3.2	67.7	0	.....	Cu.	4	Ci.	Cu. SSW
26..	Calm	Calm	NE	NE	Calm	Calm	2.9	28	41.6	21.4	93.9	1	Ci.	Cu.	6	Ci.	Cu.
27..	Calm	Calm	NE	NE	NE	NE	20.9	45.3	57.3	41.5	165	4	Ci.	Cu. E	6	Ci.	Cu. NE
28..	ENE	ENE	ENE	ENE	ENE	ENE	43.1	64.6	62.8	35.2	205.7	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	Cu. ENE
29..	ENE	ENE	ENE	ENE	Calm	Calm	32.4	53.1	42.3	7.2	135	10	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
30..	Calm	Calm	ENE	ENE	ENE	ENE	4	28.5	55.8	57.6	145.9	4	Ci.	Cu ENE	6	Ci.-S.	Cu. ENE
31..	ENE	ENE	ENE	ENE	ENE	ENE	48.6	64.1	83.7	53.4	249.8	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	30.8	48.2	56.1	34.4	169.6	7.2	.....	.....	7.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,256.1	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	60.34	60.52	61.46	59.70	59.63	60.81	60.41	24	25.5	27	27.8	26	25.4	26	29.9	23.8	91	85	88	79	84	84	85.2	3.8
2	59.80	59.88	61.01	59.02	59.18	60.12	59.84	24.8	24.6	28.3	29.3	26.6	25.2	26.5	29.3	24.4	89	91	74	72	80	82	81.3	.....
3	59.13	59.60	60.44	58.88	58.93	59.96	59.49	25.1	25	28.5	29.5	26.3	25.3	26.6	29.5	24.7	81	80	69	66	74	80	75	.....
4	59.52	59.97	60.99	59.30	59.51	60.68	60	25.1	24.6	28.4	29.5	26	25.5	26.5	29.5	24.4	80	81	66	63	72	79	73.5	.....
5	59.50	59.82	61.16	59.50	59.22	60.68	59.98	25.2	24.8	28	30	26.4	26.1	26.8	30.2	24.4	79	81	67	62	73	79	73.5	16.5
6	58.88	59.15	59.69	58.03	58.10	59.52	58.90	26	24.3	27.3	29.3	26	25.5	26.4	29.5	24	80	93	82	76	88	88	84.5	.8
7	58.40	58.63	59.51	57.36	57.37	59.04	58.38	25.2	25	28.6	29.8	26.4	24.2	26.5	30.1	24	90	92	75	71	86	94	84.7	.....
8	58.40	58.70	59.43	57.86	58.06	59.46	58.65	23.2	22	28.3	29.5	26.8	24.7	25.8	29.7	22	95	96	75	73	80	90	84.8	.....
9	58.81	59.02	59.78	58.42	58.04	59.84	58.98	23.7	22.5	28.8	27	27	25	25.7	30.2	22.3	94	96	72	84	80	90	86	.5
10	59.07	59.19	60.19	58.26	58.48	60.14	59.22	22.8	23	28.7	30	27	25.3	26.1	30	22.8	98	97	71	68	79	88	83.5	.....
11	58.85	59	59.99	58.31	58.43	59.08	58.94	23.5	24	28.8	29.5	26.5	25.8	26.4	29.6	22.5	87	85	65	68	76	80	76.8	.....
12	57.40	57.44	58.57	56.43	56.27	56.97	57.18	25.8	26	27.7	30	26.5	26.4	27.1	30.2	25.6	81	81	76	68	80	81	77.8	.....
13	55.61	55.55	57.10	55.88	56.04	57.55	56.29	26.3	25.8	27.5	28.7	26.8	23.8	26.5	30	23.3	80	82	76	70	74	93	79.2	.....
14	57.25	57.45	57.86	56.25	56.78	58.50	57.35	23.5	23.5	29.3	29.8	26.8	26.3	26.5	30.1	23	96	96	74	73	86	86	85.2	.5
15	58.08	58.68	59.62	57.66	57.95	59.39	58.56	25.8	24.5	26.5	29	26.3	25.8	26.3	29	23.8	85	92	88	69	78	81	82.2	3.8
16	59.20	59.37	60.22	58.53	58.84	59.89	59.34	24.6	24	29	29.5	25.8	25.6	26.4	29.5	23.8	88	91	74	66	84	84	81.2	.....
17	59.28	60.10	61.08	59.41	59.86	61.32	60.18	24.6	23.2	28.6	29	26.5	25.6	26.2	29	23.2	87	94	73	69	75	80	79.7	1.5
18	60.80	61.23	61.93	60.21	60.93	62.47	61.26	24.4	24.8	29	29.3	26.6	25.8	26.6	30.8	24.1	85	79	68	66	76	78	75.3	.....
19	61.48	61.58	62.56	61.08	61.06	62.46	61.79	25.7	25.3	29.2	30	26.5	26	27.1	30	25	78	78	65	61	73	76	71.8	.....
20	61.42	61.51	62.57	60.68	61	62.23	61.57	25	25.7	28.1	30.3	26.5	25.6	26.9	30.5	25	83	78	67	57	73	81	73.2	.....
21	60.68	60.78	61.98	60.11	59.91	61.43	60.82	25.6	22.4	29	29.1	27	24	26.2	31.4	22.3	79	93	66	68	77	91	79	.....
22	59.35	59.37	60.66	58.78	59.26	60.55	59.66	23.2	24	30	30.4	25.4	23.9	26.2	31.2	22.9	91	92	75	69	88	94	84.8	6.9
23	59.55	59.97	60.83	59.48	59.96	62.07	60.31	22.7	22.5	29.5	29	27.4	26.3	26.2	31.2	22.2	97	98	79	80	85	90	88.2	16.5
24	60.87	60.86	62.06	60.47	60.51	62.01	61.13	25.3	25.8	25.6	27.3	26.5	26.7	26.2	29.5	24.8	98	93	92	90	90	89	92	61.9
25	60.99	61.13	62.13	60.13	59.89	60.69	60.83	26	26.2	28.5	28	26	25.7	26.7	28.9	24.8	92	90	81	85	92	92	88.7	14.7
26	59.25	59.32	60.41	58.82	58.48	60.18	59.41	24.4	24.3	29.5	29.6	26.8	26.2	26.8	30.6	24.3	97	98	79	76	89	93	88.7	1.8
27	58.50	58.53	59.48	57.53	57.79	59.54	58.56	25.7	24.7	29	28.5	27	26.6	26.9	30.8	24.5	94	97	80	80	86	91	88	.3
28	58.25	58.40	59.36	57.61	58.16	59.92	58.62	25.6	25	29.5	30.3	27	26.4	27.3	31.3	24.5	95	96	70	72	80	87	83.3	.3
29	59.30	59.66	60.23	59.14	58.72	60.41	59.58	25.4	24.8	29.8	30.5	27.2	26.4	27.4	31	24.8	92	96	78	70	86	87	84.8	2.5
30	59.47	59.77	60.51	59.32	59.27	60.56	59.82	25.8	25.3	28.5	30.3	27.3	26.8	27.3	30.5	25.2	90	93	78	74	82	83	83.3	.....
Mean	59.25	59.47	60.43	58.74	58.85	60.25	59.50	24.8	24.4	28.5	29.3	26.6	25.6	26.5	30.1	23.9	88.4	89.8	74.8	71.5	80.9	85.7	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132.3

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	ENE	ENE	ENE	ENE	ENE	45.6	64.6	59.3	31.7	201.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
2	Calm	Calm	NE	NE	Calm	NE	33.2	57.4	60.7	40.2	191.5	10	Ci.-S.	Cu. NE	3	Ci.	Cu. NE
3	NE	NE	NE	NE	Calm	NE	42.1	63.9	60.9	51.7	218.6	4	Ci.	Cu. NE	2	Ci.	Cu. ENE
4	NE	NE	ENE	ENE	ENE	Calm	41.2	56.1	63.4	40	200.7	2	Ci.	Cu. ENE	4	Ci.	Cu. ENE
5	ENE	ENE	NE	NE	NE	Calm	44.5	71	54.1	36.7	206.3	4	Ci.	Cu. ENE	2	Ci.	Cu. NE
6	NE	NE	NE	NE	NE	NE	37.6	65.5	62.3	37	202.4	10	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
7	NE	Calm	NE	NE	Calm	Calm	27.7	47.8	56.1	6.7	138.3	10	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
8	Calm	Calm	ENE	ENE	Calm	Calm	2.7	34.1	48.1	12.3	97.2	3	Ci.	Cu. ENE	2	Ci.	Cu. ENE
9	Calm	Calm	NE	NE	Calm	Calm	3.7	35.6	45.4	10.8	95.5	1	Ci.	Cu.	6	Ci.	Cu. NE
10	Calm	Calm	NE	NE	Calm	Calm	3.7	31.9	43.6	15.1	94.3	5	Ci.	Cu. NE	4	Ci.	Cu. NE
11	Calm	Calm	NNE	NNE	NNE	NNE	7.4	47.8	57.9	46.7	159.8	7	Ci.	Cu.	6	Ci.	Cu. NNE
12	N	N	N	N	N	NNW	47.2	63.8	61	53.9	225.9	6	Ci.-S.	Cu. N	10	Ci.-S.	Cu. N
13	NNW	NNW	NNW	NW	Calm	Calm	49.7	48.5	37	7.7	142.9	10	Ci.-S.	Cu. NNW	10	Ci.-S.	Cu. NW
14	Calm	Calm	NE	NE	Calm	Calm	9.2	29	43.8	31.2	113.2	10	Ci.-S.	Cu. NW	10	Ci.-S.	Cu. NW
15	Calm	NE	Calm	Calm	Calm	NE	23.9	15.1	31.4	29.6	100	10	Ci.-S.	Cu. NE	10	Ci.-S.	Cu.
16	Calm	Calm	NE	NE	Calm	Calm	15.8	28.8	46.7	29.2	120.5	10	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
17	Calm	Calm	NE	NE	NE	Clam	17.4	29.3	54.5	30.8	132	10	Ci.-S.	Cu. NE	10	A.-Cu.	Cu. NE
18	Calm	ENE	ENE	ENE	Calm	ENE	22.3	43.1	49.6	32.5	147.5	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
19	NE	NE	NE	NE	NE	NE	45.6	57.7	49.9	34.1	187.3	7	Ci.	Cu. NE	4	Ci.	Cu. NE
20	NE	NE	NE	NE	Calm	Calm	39.1	64.6	46.1	23.8	173.6	6	Ci.	Cu. NE	2	Ci.	Cu. NE
21	Calm	Calm	NE	NE	Calm	Calm	19	43.8	50.1	12.6	125.5	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
22	Calm	Calm	NE	NE	Calm	Calm	10	30.3	43.3	6.7	90.3	6	Ci.	Cu. NNW	7	Ci.	Cu. ENE
23	Calm	Calm	NE	NE	NE	NE	5.4	43.7	63.6	42.9	155.6	7	Ci.	Cu. ENE	10	A.-Cu.	Cu. ENE
24	Calm	ENE	Calm	NE	NE	NE	24.6	29	58.5	45.1	157.2	10	.....	N. ENE	10	Ci.-S.	Cu. ENE
25	ENE	ENE	ENE	ENE	Calm	Calm	42.8	53.3	56	23.8	175.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
26	Calm	Calm	ENE	ENE	ENE	Calm	8	35.4	41.5	26.2	111.1	6	Ci.	Cu. ENE	7	Ci.	Cu. ENE
27	Calm	Calm	E	E	E	E	6.1	34.4	55.3	30.6	126.4	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. E
28	Calm	Calm	E	ENE	Calm	Calm	10.2	35.4	56.6	21.2	123.4	7	Ci.	Cu.	6	Ci.	Cu. ENE
29	Calm	Calm	ENE	ENE	Calm	ENE	8.9	33.8	49.1	14.7	106.5	10	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
30	Calm	Calm	ENE	ENE	Calm	ENE	22.2	59.2	56.5	31.6	169.5	7	Ci.	Cu. E	4	Ci.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	23.9	45.1	52.1	28.6	149.7	7.3	.....	.....	6.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,490.1	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.31	59.36	60.41	58.61	58.87	60.16	59.45	25.8	26	29.8	30.8	27.7	26.6	27.8	30.8	25.7	89	88	73	73	79	87	81.5	1.5
2..	58.75	58.87	59.81	58.17	58.08	59.42	58.85	26.4	26.3	29.8	31	26.5	25.1	27.5	31.4	24.6	87	86	67	69	88	94	81.8	17.7
3..	58.34	59.03	60.03	58.32	58.75	60.09	59.09	25	24.9	27.4	27.5	25.3	26.4	26.1	28.3	24.4	93	94	76	87	89	90	88.2	4.9
4..	58.91	59.73	60.75	58.78	59.17	60.71	59.68	25.6	25.8	30	30.7	27.8	27.4	27.9	30.7	25	91	89	77	74	84	85	83.3	3
5..	59.76	60.06	60.91	59.10	59.41	60.77	60	26.5	24.6	28.7	29.5	27.5	27.2	27.3	30.6	24.3	88	97	83	78	84	87	86.2	4
6..	58.85	59.25	60.21	57.88	58.40	59.93	59.09	27	26.6	30	30.4	27.5	24.7	27.7	31.2	24.2	86	87	75	75	85	90	83	15.5
7..	58.34	58.55	59.57	57.11	57.63	58.37	58.26	24.4	24.6	27	30.2	27.9	26	26.7	30.2	23.5	97	97	90	75	84	94	89.5	75.4
8..	57	57.35	58.33	56.36	56.63	57.82	57.25	25.2	24.7	29.3	30	27.8	26	27.2	30.8	24.6	95	97	74	78	84	96	87.3	2.5
9..	56.25	56.71	57.98	56.46	56.77	58.55	57.12	24.5	24.3	28.8	28.3	28	25.5	26.6	31	24	96	96	84	86	85	97	90.7	10.4
10..	57.50	57.93	58.93	57.56	58.32	59.89	58.36	24.4	24.8	29	26.4	27.2	25.3	26.2	29.7	24.3	97	98	81	93	90	98	92.8	2.3
11..	58.38	59.15	59.71	58.22	58.68	60.21	59.06	24	24	30.5	30.8	28	26.7	27.3	31.4	23.8	97	97	72	73	81	89	84.8	.....
12..	58.59	58.65	59.55	58.43	58.45	59.22	58.82	26.5	26.3	30.5	30.5	28.2	27.7	28.3	30.8	26	90	92	70	75	80	84	81.8	.3
13..	58.33	58.45	59.78	58.63	59.43	61.27	59.32	26.8	25.5	30.5	29.6	24.7	24.3	26.9	30.9	24	90	96	75	77	90	93	86.8	18.1
14..	59.35	60.05	60.69	59.50	59.38	60.86	59.97	24.3	24.4	29.7	30.5	28.3	26.7	27.3	30.6	24	95	97	77	75	81	90	85.8	.....
15..	59.71	60.43	60.68	58.72	58.53	60.01	59.68	25.6	24.5	30.1	31	28.5	26.6	27.7	31.2	24.3	95	97	75	72	80	88	84.5	.5
16..	59.03	59.40	59.55	57.82	57.68	58.81	58.72	24.3	23.5	30.5	31.4	28.2	26.8	27.4	31.4	23.3	94	96	72	68	76	86	82	.....
17..	57.49	57.69	58.42	56.73	57.18	58.58	57.68	25	24.1	30.5	30.3	28.6	27	27.6	31.2	22.8	96	95	70	73	80	89	83.8	38.6
18..	57.67	57.79	58.51	57.33	58.03	59.32	58.11	23.6	23.3	30	31.5	28.5	27	27.3	31.6	22.8	95	97	77	74	81	90	85.7	.5
19..	58.03	58.83	59.20	57.51	57.62	59.22	58.40	25.3	25	31	31.5	28.4	25.5	27.8	31.5	24.8	95	96	73	66	78	96	84	.....
20..	58.70	58.80	59.38	57.79	57.76	59.12	58.59	25.2	24.4	30.8	31.6	28.8	26.4	27.9	31.6	24.2	96	97	71	66	77	89	82.7	.....
21..	57.68	58.06	58.83	57.26	57.36	59.24	58.07	24.2	23.7	30.8	31.5	28.2	24.2	27.1	31.7	23.5	95	97	70	68	76	94	83.3	.....
22..	57.97	58.35	59.15	57.61	57.66	58.92	58.28	23	22.8	30.5	32	28.8	25	27	32	22.5	96	97	65	66	76	94	82.3	.....
23..	57.95	58.56	59.03	57.02	56.02	57.73	57.72	23.5	22.8	30.8	31.8	29	25	27.2	32.2	22.5	96	96	65	62	73	93	80.8	.....
24..	57.28	57.41	57.90	55.59	55.65	57.16	56.83	24.4	24.2	32.5	32	29.7	26.5	28.2	34.4	23.8	95	95	67	67	77	94	82.5	.....
25..	56.75	57.08	58.05	56.26	56.03	58.12	57.05	26	25	32.5	31.6	29.8	26	28.5	33.7	24.5	94	92	62	63	76	93	80	.....
26..	57.30	57.23	57.97	56.88	57.31	58.41	57.52	25.8	25.5	32	31.2	30.3	26.9	28.6	34.6	25	93	94	66	74	73	90	81.7	.....
27..	57.83	58.49	58.88	57.67	57.60	58.73	58.20	26.8	26	33	27	28.5	27.1	28.1	33.7	25.6	89	93	63	90	87	88	85	15.2
28..	58.03	58.48	58.45	57.15	57.31	58.37	57.96	25.4	24.8	31	30.2	27	24.8	27.2	33	24.2	97	98	72	77	90	96	88.3	.8
29..	58.03	58.37	58.56	57.27	57.70	59.81	58.29	23.8	23.7	31.5	32	28.6	26.8	27.7	32.5	23.2	97	98	69	72	86	94	86	.....
30..	59.22	59.61	59.57	58.06	57.84	59.73	59	24.8	24.7	31.8	31.8	29.5	26.5	28.2	32.2	24.4	97	97	69	67	80	93	83.8	.....
31..	59.18	59.98	59.25	57.91	58.41	59.85	59.10	24.8	24	31	32	29	26.5	27.9	32	23.5	95	96	71	67	71	90	81.7	12.2
Mean	58.24	58.64	59.29	57.67	57.86	59.30	58.50	25.1	24.7	30.4	30.5	28.1	26.1	27.5	31.6	24.1	93.7	94.9	72.6	73.5	81.3	91.3	84.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	223.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	ENE	ENE	ENE	ENE	22	51.5	54.4	39.2	167.1	10	Ci.-S.	Cu. ENE	4	Ci.	Cu. ENE
2..	ENE	ENE	ENE	ENE	ENE	Calm	49.3	59.5	61.2	34.4	204.4	7	Ci.	Cu. ENE	8	Ci.	Cu. ENE
3..	Calm	Calm	Calm	ENE	Calm	ENE	25.1	33	40.2	22.8	121.1	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. ENE
4..	Calm	E	E	E	Calm	Calm	26.8	43.6	52.6	26.4	149.4	2	Ci.	Cu. E	4	Ci.	Cu. E
5..	Calm	Calm	ENE	ENE	ENE	ENE	7	37.3	52.6	45.4	142.3	3	Ci.	Cu.	7	Ci.	Cu. ENE
6..	ENE	ENE	ENE	ENE	ENE	Calm	49.7	66.3	58.4	33.5	207.9	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
7..	Calm	Calm	Calm	ENE	Calm	Calm	8	25.9	48.8	11.8	94.5	10	Ci.-S.	Cu. ENE	3	Ci.	Cu. ENE
8..	Calm	Calm	NE	NE	Calm	Calm	3.2	42.1	36	6.2	87.5	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
9..	Calm	Calm	NE	Calm	Calm	Calm	3.5	24.7	14.3	2.7	45.2	2	Ci.	Cu.	10	Ci.-S.	S.-Cu.SSW
10..	Calm	Calm	Calm	Calm	Calm	Calm	2.6	16.9	9.5	1.9	30.9	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.
11..	Calm	Calm	ENE	ENE	ENE	Calm	1.9	34.3	51.5	18.7	106.4	10	Ci.-S.	Cu.	3	Ci.	Cu.
12..	ENE	Calm	ENE	ENE	ENE	ENE	22.5	40.5	47	31.1	141.1	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. E
13..	ENE	Calm	ENE	ENE	Calm	ENE	24.4	48.9	64.6	40.5	178.4	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
14..	Calm	Calm	ENE	ENE	Calm	Calm	2.4	29.3	46.4	11.6	89.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. ENE
15..	Calm	Calm	ENE	ENE	Calm	Calm	4.6	41.8	49.7	11.9	108	7	Ci.	Cu. ENE	3	Ci.	Cu. ENE
16..	Calm	Calm	ENE	ENE	Calm	Calm	2.6	29.2	48.3	14.3	94.4	1	Ci.	Cu.	6	Ci.	Cu. ENE
17..	Calm	Calm	ENE	ENE	Calm	Calm	4.5	35.9	49.9	16.1	106.4	6	Ci.	Cu. E	6	Ci.	Cu. E
18..	ENE	Calm	ENE	ENE	Calm	Calm	10.7	32.2	47.3	9.2	99.4	5	Ci.	Cu. E	7	Ci.	Cu. E
19..	Calm	Calm	ENE	ENE	Calm	Calm	4.5	32.8	46.9	4.6	88.8	4	Ci.	Cu. E	1	Ci.	Cu.
20..	Calm	Calm	ENE	ENE	Calm	Calm	3.8	34.9	50.4	8.2	97.3	2	Ci.	Cu. E	4	Ci.	Cu. E
21..	Calm	Calm	ENE	ENE	Calm	Calm	3.7	32.8	45.1	3.2	84.8	3	Ci.	Cu. E	2	Ci.	Cu.
22..	Calm	Calm	ENE	ENE	Calm	Calm	6.6	26.8	35.4	5	73.8	2	Ci.	Cu.	1	Ci.	Cu. N
23..	Calm	Calm	NNE	ENE	Calm	Calm	7.8	25.5	37.2	4.2	74.7	0	Ci.	Cu.	0	.....	Cu.
24..	Calm	Calm	ENE	Calm	Calm	Calm	3	21.5	28.2	5.1	57.8	0	Ci.	Cu.	7	Ci.	Cu. WSW
25..	Calm	Calm	ENE	ENE	Calm	Calm	7.2	24.4	29	5.3	65.9	4	A.-Cu.	Cu.	6	Ci.	Cu. SSW
26..	Calm	Calm	NE	NE	Calm	Calm	6.4	25.1	26.8	3.5	61.8	0	.....	Cu.	6	Ci.	Cu. SW
27..	Calm	Calm	Calm	Calm	Calm	Calm	5.6	23.3	16.6	9.5	55	2	Ci.	Cu.	10	Ci.-S.	Cu. WSW
28..	Calm	Calm	Calm	Calm	Calm	Calm	6.1	21.2	18.3	3	48.6	1	Ci.	Cu.	7	Ci.	Cu. SW
29..	Calm	Calm	Calm	NE	Calm	Calm	.8	18	30.4	7.7	46.9	2	Ci.	Cu.	3	Ci.	Cu.
30..	Calm	Calm	Calm	NE	Calm	Calm	5	21.2	34.8	6.6	67.6	6	Ci.	Cu.	7	Ci.	Cu. W
31..	Calm	Calm	NE	NE	Calm	Calm	6.6	27.2	40.7	6.9	81.4	2	Ci.	Cu.	4	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	10.9	33.1	41	14.5	99.6	5.1	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,088.5	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.57	59.89	60.62	58.96	59.28	59.96	59.71	23.4	23.7	25.7	31	28.5	26.8	26.5	31.2	23	97	97	88	71	81	89	87.2	1.3
2	58.64	59.25	59.68	58.54	58.03	59.52	58.94	24.8	24.5	31.2	26.5	24.3	23.5	25.8	31.4	23.2	95	97	71	88	96	97	90.7	37.4
3	58.22	58.82	59.14	57.27	57.40	59.12	58.33	23.4	23.2	30	31.2	28.5	27.5	27.3	31.2	22.6	98	98	75	69	78	84	83.7	26.7
4	58	58.33	58.72	56.93	57.38	58.48	57.97	26.2	25	30.3	31	28.3	27	28	31.2	24.7	90	96	76	72	79	83	82.7	2
5	57	57.25	57.68	55.83	56.26	57.32	56.89	24.6	24	30.3	30.5	28	26	27.2	31.8	24	95	97	76	72	81	92	85.5	.....
6	55.80	56.10	56.13	54.87	55.17	57.27	55.89	24.6	24.1	29.5	30.7	27.6	25.3	27	30.9	24	95	97	71	70	91	95	86.5	2.1
7	56.93	57.17	57.88	56.28	57.06	59.44	57.46	24.7	24	30.5	31	27.6	25.5	27.2	31.3	23.8	96	96	68	69	84	96	84.8	.....
8	58.51	58.85	59.76	58.43	58.76	60.56	59.14	24.5	23.6	30.3	29.5	27.5	24.4	26.6	31.3	23.5	96	99	73	79	81	93	86.8	12.2
9	59.37	59.26	59.97	58.98	58.89	60.01	59.41	23.6	23.5	29.5	31	28	25.6	26.9	31	23.2	97	97	76	72	85	95	87	.....
10	58.85	58.40	59.04	57.37	57.56	57.96	58.20	24.5	24.3	30	30.6	27.1	24.5	26.8	30.8	24	96	96	71	71	87	92	85.5	.5
11	57.20	57.24	57.78	56.39	56.60	58.43	57.27	24.3	24.2	30.7	29.8	29	26	27.3	31.2	23.5	96	96	69	73	74	89	82.8	.5
12	58.13	58.54	58.63	56.96	57.56	59.50	58.22	24.2	23.6	30	32.5	30	27.3	27.9	34.1	23.3	95	97	73	66	69	80	80	.5
13	58.63	59.03	59.50	58.85	59.09	60.33	59.24	25.2	24.5	30.5	26.3	26.8	25	26.4	32.6	24.4	95	96	68	94	94	96	90.5	25.6
14	59.33	59.51	60.26	58.10	58.96	59.83	59.33	24.8	23.5	31	31	28.8	26	27.5	32	23.4	97	97	71	72	81	97	85.8	.....
15	59.18	59.61	59.13	58.20	58.36	59.83	59.05	25.2	25	31	31.5	29	26.5	28	31.5	24.5	95	94	73	70	83	92	84.5	3.3
16	59.09	59.96	60.23	58.69	58.16	59.36	59.25	24.8	24.5	30.5	32	29.3	26.6	28	32	24.3	95	97	77	69	79	94	85.2	.....
17	59.05	59.74	59.98	58.14	58.33	59.56	59.13	24.8	24	31	30.5	29.2	26.5	27.7	32.5	24	95	96	75	72	78	92	84.7	7.4
18	58.78	59.08	59.51	58.20	58.28	60.01	58.98	25.7	24.7	30.8	31.7	29	26	28	32	24.4	94	96	73	71	79	94	84.5	.....
19	59.18	59.49	59.90	58.66	59.56	60.07	59.48	24.6	24	31	31.8	27	25.3	27.3	32.2	23.8	95	96	72	69	88	96	86	13.5
20	59.61	59.74	60.11	58.52	58.65	60.21	59.47	24.5	24.7	30.5	31.7	29	25.7	27.7	32.2	24.2	96	97	76	69	78	91	84.5	11.7
21	58.83	59.13	59.40	57.81	57.88	59.19	58.71	24.8	24.6	30	30	28	25.8	27.2	31.2	24.1	93	95	75	75	85	96	86.5	.5
22	58.81	58.27	58.68	57	56.90	58.90	58.09	25.2	24.4	30.2	31.5	28.8	25.8	27.6	31.5	24	95	94	77	63	76	95	83.3	.....
23	57.78	57.90	58.31	56.96	57.21	58.90	57.84	24.9	24	31	31.8	28.3	25.4	27.6	32.6	23.9	96	96	71	63	82	92	83.3	2.5
24	58.09	58.24	57.88	56.36	56.45	57.73	57.46	24.5	23.6	30.8	31.8	28.5	25.6	27.5	32	23.5	96	97	67	64	78	94	82.7	.....
25	56.90	57.30	57.38	55.99	55.95	56.81	56.72	24.8	24	31	31.3	29.5	26	27.8	31.8	23.8	95	96	67	67	75	92	82.	.....
26	54.93	54.95	56.37	54.88	54.36	54.86	55.06	24.8	24	28	25.5	25.3	25.7	25.6	28	23.5	95	96	77	94	96	96	92.3	84.4
27	51.82	51.98	51.93	49.18	49.27	49.55	50.62	24.7	24.5	25.8	26.3	26	25.7	25.5	26.8	24.5	96	97	96	94	93	94	95	119.8
28	47.19	46.67	46.59	45.75	45.46	46.79	46.41	25	25.4	25.5	24.6	24.5	24.8	25	25.7	24	95	94	92	92	92	92	92.8	62.3
29	46.71	46.81	47.72	48.20	49.66	52.27	48.56	24.6	24.7	25.8	25.7	25.8	25	25.3	26	23.9	92	90	87	86	85	90	88.3	1.6
30	52.47	53.36	54.58	53.89	55.37	56.80	54.41	25.2	25.7	26.5	31.8	27.8	26	27.2	31.8	24.7	88	84	84	72	81	85	82.3	.....
Mean	57.09	57.33	57.75	56.34	56.60	57.95	57.17	24.7	24.2	29.6	30.1	27.8	25.8	27	31.1	23.9	95	95.7	75.5	74.3	83	92.1	85.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	415.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	Calm	NE	Calm	Calm	5.3	15.1	41.8	13.2	75.4	1	Ci.	Cu.	7	Ci.-S.	Cu. NE
2	Calm	Calm	NE	Calm	Calm	Calm	3.7	32	18.5	3.7	57.9	2	Ci.	Cu.	10	.....	N. ENE
3	Calm	Calm	NE	NE	NE	Calm	2.9	29	46.5	23.9	102.3	3	Ci.	Cu.	3	Ci.	Cu. ENE
4	Calm	Calm	NE	NE	NE	Calm	6.9	37.3	57.4	27.6	129.2	7	Ci.	Cu. ENE	6	Ci.	Cu. ENE
5	Calm	Calm	NE	NE	Calm	Calm	5.1	30.8	44.6	2.9	83.4	4	Ci.	Cu.	8	A.-Cu.	Cu. E
6	Calm	Calm	Calm	ENE	Calm	Calm	3.5	18	22.5	2.7	46.7	6	Ci.	Cu.	7	Ci.	Cu. E
7	Calm	Calm	Calm	Calm	Calm	Calm	2.9	14.3	31.2	3.2	51.6	8	A.-Cu.	Cu. E	8	Ci.-S.	Cu. SSE
8	Calm	Calm	ENE	ENE	Calm	Calm	2.6	23	25.2	6.1	56.9	1	Ci.	Cu.	6	Ci.	Cu. S
9	Calm	Calm	NE	NE	Calm	Calm	1.9	27.7	27.6	3.5	60.7	10	A.-Cu.	Cu.	10	Ci.-S.	Cu. E
10	Calm	Calm	Calm	Calm	ENE	Calm	4.5	20.3	18.5	10.7	54	10	A.-Cu.	Cu.	10	Ci.-S.	Cu.
11	Calm	Calm	Calm	Calm	Calm	Calm	7.2	15.8	14.7	5.9	43.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
12	Calm	Calm	NE	Calm	Calm	Calm	3.8	23.6	24.3	17.7	69.4	2	Ci.	Cu.	5	Ci.	Cu. SW
13	Calm	Calm	Calm	Calm	Calm	Calm	2.1	15.3	14.3	2.1	33.8	3	Ci.	Cu.	10	Ci.-S.	N.
14	Calm	Calm	NE	NE	Calm	Calm	1.4	26.8	46.2	3.2	77.6	4	Ci.	Cu.	7	Ci.	Cu.
15	Calm	Calm	NE	NE	Calm	Calm	2.9	33.8	49.9	4.6	91.2	4	Ci.	Cu. NE	6	Ci.	Cu. NE
16	Calm	Calm	NE	NE	Calm	Calm	2.6	24.7	50.5	4.8	82.6	3	Ci.	Cu.	6	Ci.	Cu. ENE
17	Calm	Calm	NE	NE	Calm	Calm	4.5	27.4	39.1	8	79	4	Ci.	Cu.	5	Ci.	Cu. E
18	Calm	Calm	NE	NE	Calm	Calm	6.7	27.6	46.1	3.5	83.9	7	Ci.	Cu.	5	Ci.	Cu. ENE
19	Calm	Calm	NE	NE	NE	Calm	4	28.7	45.7	9.5	87.9	2	Ci.	Cu.	5	Ci.	Cu. E
20	Calm	Calm	NE	NE	NE	Calm	6.2	25.7	48.3	9.5	89.7	10	Ci.-S.	Cu. E	5	Ci.	Cu. E
21	Calm	Calm	NE	NE	Calm	Calm	6.1	27.9	30.9	3.7	68.6	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
22	Calm	Calm	Calm	NE	Calm	Calm	11.6	15.8	29.3	1.9	58.6	10	Ci.-S.	Cu. E	10	Ci.-S.	Cu. E
23	Calm	Calm	NE	NE	Calm	Calm	3.2	29.5	33.3	4.8	70.8	2	Ci.	Cu.	5	Ci.	Cu. E
24	Calm	Calm	NE	NE	Calm	Calm	5.4	29.6	38.9	2.9	76.8	1	Ci.	Cu.	4	Ci.	Cu.
25	Calm	Calm	NE	NE	Calm	Calm	6.4	24.9	35.6	7	73.9	4	A.-Cu.	Cu.	6	Ci.	Cu.
26	Calm	Calm	Calm	Calm	Calm	Calm	8	16.7	6.1	5.3	36.1	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu. WNW
27	Calm	Calm	W	WNW	WNW	WNW	25.7	44.8	53.9	62	186.4	10	.....	N. WNW	10	.....	N. NW
28	W	WSW	SW	SW	SW	SW	49.1	65.2	65	45.6	224.9	10	.....	N. WSW	10	.....	N. SW
29	SW	SSW	SSW	SSW	SSW	SSW	44.3	38.3	38.1	24.1	144.8	10	.....	N. SSW	10	Ci.-S.	Cu. SSW
30	Calm	Calm	SSW	SSW	Calm	Calm	22.7	40	36.2	11.3	110.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
Mean	.....	.....	.....	.....	.....	.....	8.8	27.7	36	11.2	83.6	5.9	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,507.9	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.78	57.25	57.83	57.06	57.33	59.19	57.57	25.8	24.8	30.6	33.4	30	25.5	28.4	33.8	24.3	88	98	68	61	72	93	80	.....
2..	58.84	58.79	58.53	57.77	58.12	59.39	58.57	23.8	23.3	31.8	31.5	28.7	25.5	27.4	31.8	23.2	95	96	64	66	82	94	82.8	.....
3..	57.96	58.01	58.12	56.98	57.02	58.04	57.69	24.5	23.7	31	31.3	28.8	26.8	27.7	31.3	23.6	96	97	69	70	80	89	83.5	.....
4..	56.28	56.37	56.33	55.13	54.88	56.55	55.92	26	25	29.1	29	27.4	25.7	27	29.6	23.2	92	94	84	79	89	93	88.5	18.5
5..	54.87	54.66	55.29	54.06	53.30	54.23	54.40	23.4	23.7	25.8	26	25.5	25	24.9	26.2	23.1	97	97	93	92	92	92	93.8	7.2
6..	53.30	53.37	54.04	53.30	53.82	55.39	53.87	25.2	24.5	30.7	30.5	28	26.2	27.5	31.8	24	93	94	74	75	81	87	84	.....
7..	55.10	55.64	56.47	55.43	56.63	57.78	56.18	25.8	24.4	31.4	29	24.5	24.7	26.6	32	24	88	94	68	81	94	88	85.5	62
8..	56.20	56.80	57.61	55.85	55.69	56.54	56.45	24.5	24.2	30	30.8	27.5	25.2	27	31	23.8	96	96	75	62	81	92	83.7	.....
9..	55.19	55.62	55.42	53.85	54.64	55.26	55	24.5	24.3	30	31.8	27.1	24.7	27.1	31.8	24	92	91	71	70	83	92	83.2	2.1
10..	53.92	53.98	54.84	54.10	54.15	54.95	54.32	24.7	24.5	28.1	27.4	27.2	26.3	26.4	28.2	24.3	91	92	82	90	88	87.5	.....	
11..	54.06	54.38	54.87	54	54.68	56.18	54.70	26.2	26	30.5	30.3	29	27	28.2	31.6	25.9	87	88	72	80	76	84	81.2	.....
12..	55.60	55.70	56.63	55.63	56.01	57.44	56.17	26.5	26.3	31.5	32.8	29.5	26.4	28.8	32.8	26	86	86	70	60	66	89	76.2	.....
13..	56.03	56.75	56.66	55.39	55.45	57.26	56.26	26	25.7	31.3	33	30	27	28.8	33	25.5	89	88	67	63	73	86	77.7	.....
14..	55.38	55.60	56.22	55.16	55.53	56.18	55.68	26.2	25.5	31	30.8	28.8	27	28.2	32.2	25.5	86	88	69	73	80	84	80	.5
15..	55.48	55.92	56.51	54.70	55.28	56.33	55.70	26.3	25	29	33.2	28.5	26.5	28.1	33.2	24.9	88	92	81	63	80	89	82.2	.....
16..	55.59	56.21	56.82	55.64	56.47	57.64	56.40	26	24.8	30	31.7	29.2	26.4	28	32.6	24.5	90	94	68	66	77	90	80.8	.....
17..	56.86	57.01	57.16	55.74	56.89	58.31	57	25.9	24.7	31.8	33.5	29.6	26.5	28.7	33.7	24.7	92	94	60	57	74	90	77.8	.....
18..	57.13	57.30	57.28	55.74	56.34	57.63	56.90	25.6	25	30.8	33.8	30	26.8	28.7	33.8	25	92	93	67	57	73	86	78	.....
19..	56.91	57.33	57.52	55.74	56.09	58.13	56.95	25.7	25.8	32.5	33.5	30.5	26.2	29	33.8	25.5	92	91	62	56	65	87	75.5	.....
20..	56.83	57.11	57.55	55.83	56.46	57.96	56.96	25.3	24.7	32.5	34	30.2	26.5	28.9	34.6	24.5	89	90	59	59	69	88	75.7	.....
21..	57.43	57.40	57.46	55.38	56.24	57.34	56.88	25.6	25	31.5	34.6	29.6	26.8	28.8	35	24.9	89	92	63	54	72	78	74.7	.....
22..	56.11	55.40	55.72	54.34	55.21	56.27	55.51	25.5	25.3	32.5	32.5	27.5	26.5	28.3	34.5	24.6	88	89	60	58	81	82	76.3	.3
23..	54.83	54.84	55.68	54.03	53.94	55.37	54.78	26.5	26.4	31.7	33	30.3	26.6	29.1	34.2	25.6	84	86	64	59	74	83	75	.....
24..	54.50	54.53	55.23	53.84	53.84	56.12	54.68	25.6	25.7	32.2	33	30.4	27	29	33.7	25.2	90	90	62	64	72	86	77.3	.....
25..	54.63	54.75	54.83	53.75	54.85	55.66	54.74	26	26.2	32	30	27.5	26.6	28	33.8	25.5	92	89	66	78	83	85	82.2	.3
26..	55.43	55.75	55.23	54.52	54.95	56.13	55.34	26.2	26	31.5	31.5	29.4	26.2	28.5	34.5	26	89	90	64	66	70	82	76.8	.....
27..	55.65	55.74	55.98	54.97	54.72	55.95	55.50	25.7	25.8	28.5	26.4	26.3	25.7	26.4	31.5	25.3	89	91	75	86	82	93	86	1.5
28..	54.88	54.96	55.55	55.28	55.38	56.78	55.47	25.6	25.4	27.5	26	26	25.3	26	29.7	25	93	95	84	92	92	93	91.5	9.6
29..	56.33	56.38	57.04	56.17	57.21	58.61	56.96	25.2	25.5	28.8	32	28.5	25.4	27.6	32.2	24.8	90	84	72	61	75	91	78.8	.....
30..	57.99	58.36	59.11	57.71	58.76	60.31	58.71	24.4	24.7	31	33.8	28.5	26.3	28.1	34.3	24.3	97	94	63	56	83	86	79.8	.....
31..	59.53	60.08	60.66	59.09	59.91	60.83	60.02	24	23.4	30.2	31.5	26.8	24.4	26.7	31.5	23	91	95	67	63	82	92	81.7	.....
Mean	55.99	56.19	56.59	55.36	55.80	57.09	56.17	25.4	25	30.5	31.3	28.4	26.1	27.8	32.4	24.6	90.7	91.9	69.8	68	78.8	88.1	81.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	SSW	SSW	Calm	Calm	4.2	20.3	31.4	2.9	58.8	10	Ci.-S.	Cu. SSW	3	Ci.	Cu. S
2..	Calm	Calm	Calm	ENE	Calm	Calm	4.2	22.2	40.2	3	69.6	3	Ci.	Cu.	3	Ci.	Cu.
3..	Calm	Calm	W	NW	Calm	Calm	6.4	23.6	37.6	4.6	72.2	2	Ci.	Cu.	6	Ci.	Cu. WNW
4..	Calm	Calm	Calm	Calm	Calm	Calm	4.5	11.1	11	6.9	33.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. W
5..	Calm	Calm	Calm	Calm	Calm	Calm	8.2	9.1	11.5	11.6	40.4	10	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	S.-Cu. W
6..	Calm	Calm	Calm	WSW	Calm	Calm	8.3	22.5	26.4	14.8	72	10	Ci.-S.	Cu.	7	Ci.	Cu. WSW
7..	Calm	Calm	Calm	Calm	Calm	Calm	5.1	21.5	12.9	4	43.5	2	Ci.	Cu.	10	Ci.-S.	Cu.
8..	Calm	Calm	WSW	WSW	Calm	Calm	5.4	15.9	36.4	7.2	64.9	4	Ci.	Cu.	10	Ci.-S.	Cu. WSW
9..	Calm	Calm	WSW	WSW	Calm	Calm	7.5	31.7	37.8	13.4	90.4	10	Ci.-S.	Cu. WSW	10	A.-Cu.	Cu. WSW
10..	Calm	Calm	WSW	Calm	Calm	Calm	17.2	22	15.5	7	61.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11..	Calm	Calm	SW	SW	Calm	Calm	13.5	36	39	12.9	101.4	10	Ci.-S.	Cu.	4	Ci.	Cu.
12..	Calm	Calm	SW	SW	Calm	Calm	15.5	38.1	42.9	5.8	102.3	10	A.-Cu.	Cu.	4	Ci.	Cu. SW
13..	Calm	Calm	SW	SW	Calm	Calm	10.3	31.2	39.2	11.9	92.6	3	Ci.	Cu.	4	Ci.	Cu. SW
14..	Calm	Calm	SW	Calm	Calm	Calm	13.1	29.2	24.6	13.7	80.6	4	Ci.	Cu.	10	Ci.-S.	S.-Cu. SW
15..	Calm	Calm	Calm	SW	Calm	Calm	9.1	23.5	28.4	10.2	71.2	7	Ci.	Cu.	6	Ci.	Cu. SW
16..	Calm	Calm	SW	SW	Calm	Calm	1.4	27.7	26.9	4.6	60.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
17..	Calm	Calm	SW	SW	Calm	Calm	8.2	39.1	40.7	4.3	92.3	4	Ci.	Cu.	5	Ci.	Cu. SW
18..	Calm	Calm	SW	Calm	Calm	Calm	6.1	29.6	32	5.3	73	4	Ci.	Cu.	7	Ci.	Cu. SW
19..	Calm	Calm	SW	SW	Calm	Calm	15	33.2	40	6.4	94.6	3	Ci.	Cu.	4	Ci.	Cu. SW
20..	Calm	Calm	SW	SW	Calm	Calm	11	32.4	35.4	5.3	84.1	7	Ci.	Cu.	6	Ci.	Cu. SW
21..	Calm	Calm	Calm	SW	Calm	Calm	7.4	29.6	33.6	8	78.6	5	A.-Cu.	Cu.	6	Ci.	Cu. SW
22..	Calm	Calm	SW	WSW	Calm	Calm	10.7	30.8	38.1	8.7	88.3	5	Ci.	Cu.	10	Ci.-S.	Cu. WSW
23..	SW	Calm	SW	SW	Calm	Calm	25.5	37	29.3	10.7	102.5	6	A.-Cu.	Cu.	6	Ci.	Cu. SW
24..	Calm	Calm	SW	SW	Calm	Calm	19.9	30.9	30.6	8.7	90.1	2	Ci.	Cu.	7	Ci.	Cu. SW
25..	Calm	Calm	SW	Calm	Calm	Calm	14.2	26	19	16.6	75.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
26..	Calm	Calm	SW	Calm	Calm	Calm	6.4	28.2	26	13.4	74	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
27..	Calm	Calm	Calm	SW	Calm	Calm	18.2	24.6	34.1	20.3	97.2	10	Ci.-S.	Cu.	10	.....	N.
28..	Calm	Calm	SW	Calm	Calm	SW	17.5	28.7	24.6	28.5	99.3	10	Ci.-S.	Cu. SW	10	.....	N. SW
29..	Calm	Calm	SSW	SSW	Calm	Calm	34.3	28.5	41.3	7.4	111.5	10	Ci.-S.	Cu. S	10	Ci.-S.	Cu. SSW
30..	Calm	Calm	Calm	Calm	Calm	Calm	3	15.3	20.3	2.9	41.5	10	Ci.-S.	Cu. S	7	Ci.	Cu. SE
31..	Calm	Calm	SW	NE	Calm	Calm	2.7	19.6	35.9	6.4	64.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	10.8	26.4	30.4	9.3	76.9	7.1	.....	.....	7.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,383.1	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, −1.73 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.90	60.12	60.46	58.59	59.05	60.47	59.76	24	23.2	30.5	31.6	29.2	25.8	27.4	31.6	23	96	96	70	65	74	93	82.3	.....
2..	58.70	58.97	60.12	58.54	58.76	59.87	59.16	24.2	23.5	29.8	29	28.2	24.7	26.6	30	23.4	95	96	74	78	80	95	86.3	15.2
3..	58.79	59.21	59.99	58.58	58.45	60.18	59.20	23.4	23.4	29.7	28.3	28	25	26.3	31.4	23.4	97	97	72	75	82	94	86.2	.....
4..	59.15	59.68	60.17	57.96	58.44	59.91	59.22	24.2	24	31	31	29.3	25.8	27.6	31.7	23.8	95	96	62	69	79	91	82	.....
5..	58.84	58.40	59.13	57.33	57.20	59.22	58.35	24.8	24.5	31.5	33.8	30.4	26.5	28.6	34.2	23.8	95	96	63	54	70	93	78.5	.....
6..	58.53	58.55	58.29	56.41	56.93	58.44	57.86	24.7	23.7	32	34.3	29.8	25.8	28.4	34.3	23.6	94	94	61	52	65	84	75	.....
7..	57.42	57.98	58.11	56.60	57.04	58.74	57.65	24.8	24.6	31.4	34.8	31.3	26.5	28.9	35.8	23.8	89	89	63	52	64	86	73.8	.....
8..	57.78	58.06	58.41	56.83	57.34	58.81	57.87	25	24.7	30.2	33.4	30.3	26.8	28.5	34	24.7	92	94	68	55	72	90	78.5	.....
9..	57.53	58.15	59.03	56.82	57.12	58.48	57.86	26.2	25.5	27.2	30	29.8	26.2	27.5	31	25.4	90	93	87	78	78	94	86.7	2.8
10..	56.95	57.02	57.91	56.70	56.25	57.12	56.99	23.5	23.8	25.3	25.	25	24.5	24.5	26	23.2	96	96	95	93	94	96	95	50.7
11..	55.64	55.69	56.89	54.92	55.14	56.30	55.76	23.4	23.5	24	24.8	24.4	24.3	24.1	24.8	23.3	97	96	96	95	93	95	95.3	12.8
12..	54.80	54.91	55.24	54.85	55.03	56.70	55.26	24.2	24.7	28.3	27	25.5	25.1	25.8	28.5	23.5	95	90	77	88	90	92	88.7	10.7
13..	56.15	55.86	56.93	56.20	56.39	58.15	56.61	24.2	24.5	27.3	26.5	26.5	25.4	25.7	28.8	23.8	90	86	78	86	80	84	84	3.8
14..	57.74	57.95	59.05	57.06	57.96	59.23	58.16	24.2	23.4	29.8	33	28.5	25.5	27.4	33.2	23.3	90	97	71	60	72	88	79.7	.....
15..	58.78	58.60	59.44	58.22	58.36	60.49	58.98	24.4	24	29.3	29.7	28	25.4	26.8	31.4	23.7	95	96	81	73	77	94	86	.....
16..	59.06	59.42	59.33	58.57	58.69	60.38	59.24	24.1	23.5	28.7	30	26.6	25.6	26.4	31	23.4	95	96	80	75	92	91	88.2	22.9
17..	59.25	59.55	59.90	57.69	57.74	58.52	58.78	25.1	24.5	25	26.8	25	24.1	25.1	27.3	23.8	92	96	96	92	93	97	94.3	14.2
18..	57.05	57.11	57.53	55.51	55.39	57.45	56.67	24	23	29.8	29.4	26	25.3	26.4	31.7	23.5	97	97	79	79	88	96	89.3	.....
19..	56.09	56.25	57.08	55.16	56.17	58.09	56.47	24.8	24.4	30.9	32	26.6	25.4	27.4	32.2	24	97	95	71	65	82	92	83.7	1.3
20..	56.70	57.10	57 94	56.51	57.44	58.89	57.43	24.6	24	30.5	29.6	25.5	24.6	26.5	31.5	23.9	95	96	72	77	92	91	87.2	10.9
21..	57.55	57.67	58.48	56.73	57.46	58.70	57.76	23.8	24	28.5	30.7	26.3	25	26.4	31.2	23.5	97	95	80	72	90	94	88	2.5
22..	57.58	57.61	58.65	56.96	57.53	58.60	57.82	23.9	24.5	28	28.3	28	25.5	26.4	29.6	23.7	94	94	79	77	85	90	86.5	.8
23..	56.90	57.04	57.69	56.07	56.41	57.15	56.88	25	24.8	29.8	31	25.4	25	26.8	31.6	24	92	93	71	65	91	89	83.5	8.4
24..	55.49	55.40	55.51	53.83	54.16	55.68	55.01	24.7	24.3	29.8	32.3	28.7	26	27.6	32.5	24.1	90	91	74	68	76	86	80.8	.5
25..	55.25	55.28	56.11	54.84	55.26	56.93	55.61	24.8	24.7	30.5	33.5	29	26	28.1	34	24.6	91	92	68	62	76	90	79.8	.....
26..	56.75	56.95	57.63	56.48	56.81	57.90	57.09	24.8	25.2	28	27.3	27	25.7	26.3	29	6 24.5	95	93	85	92	96	94	92.5	1.5
27..	56.70	57.10	57.78	55.93	56.37	57.60	56.91	25	25.2	28	28.5	27.5	25.4	26.6	30.5	24.7	96	94	85	78	86	97	89.3	7.6
28..	56.59	56.79	57.67	56.03	56.77	58.15	57	24.8	24.4	28	27.5	26	25	26	30.5	24	96	95	78	84	92	97	90.3	6.4
29..	57.13	57.42	58.07	56.92	57.68	59.32	57.76	24.6	23.8	28.8	28.8	27.2	25.5	26.4	31.2	23.7	97	97	78	78	91	96	89.5	.8
30..	58.10	58.29	58.58	57.43	58	59.49	58.32	24.6	24.3	31	26	25.5	24.1	25.9	31.2	24	97	97	72	89	93	95	90.5	8.9
31..	57.77	57.84	58.47	56.57	57.20	58.93	57.80	23.8	23.3	29.5	29.6	26	24.5	26.1	32.8	23.1	97	97	72	70	88	94	86.3	31
Mean	57.44	57.61	58.24	56.67	57.05	58.51	57.59	24.5	24.2	29.1	29.8	27.4	25.4	26.7	31.1	23.8	94.3	94.5	76.1	74.1	83.3	92.2	85.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	213.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			0–10		
1..	Calm	Calm	ENE	ENE	Calm	Calm	4.2	22.7	37.5	2.9	67.3	2	Ci.	Cu.	4	Ci.	Cu.
2..	Calm	Calm	Calm	Calm	Calm	Calm	5.8	17.2	11	1.9	35.9	3	Ci.	Cu.	10	Ci.-S.	Cu.
3..	Calm	Calm	ENE	ENE	Calm	Calm	7.2	21.1	29	4.6	61.9	6	Ci.	Cu.	7	Ci.	Cu. ENE
4..	Calm	Calm	Calm	ENE	Calm	Calm	3.2	18.7	36.4	3.5	61.8	2	Ci.	Cu.	6	Ci.	Cu. SW
5..	Calm	Calm	ENE	Calm	Calm	Calm	8.9	24.4	22.8	3.7	59.8	3	Ci.	Cu.	2	Ci.	Cu. WSW
6..	Calm	Calm	WSW	WSW	Calm	Calm	4.5	25.5	32.2	8.3	70.5	2	Ci.	Cu.	6	Ci.	Cu.
7..	Calm	Calm	WSW	WSW	Calm	Calm	9.1	24.4	28.8	2.7	65	7	A.-Cu.	Cu.	3	Ci.	Cu.
8..	Calm	Calm	WSW	WSW	Calm	Calm	5.4	24.4	35.1	2.4	67.3	4	A.-Cu.	Cu.	10	A.-Cu.	Cu. WSW
9..	Calm	Calm	Calm	Calm	Calm	Calm	3.4	5	13.5	2.6	24.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. WSW
10..	Calm	Calm	Calm	Calm	Calm	WSW	13.2	9.1	11.9	7.7	41.9	10	Ci.-S.	Cu. WNW	10	Ci.-S.	Cu.
11..	Calm	Calm	Calm	Calm	Calm	Calm	13.4	14.2	24.3	17.1	69	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. WSW
12..	Calm	Calm	SW	SW	Calm	Calm	12.4	25.4	31.6	15.9	85.3	10	Ci.-S.	Cu.	10	.....	N. SW
13..	Calm	Calm	SW	SW	Calm	Calm	28	37.5	30	11	106.5	10	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. SSW
14..	Calm	Calm	Calm	Calm	Calm	Calm	1.4	15.8	30.9	9.7	57.8	10	Ci.-S.	Cu.	6	Ci.	Cu. SW
15..	Calm	Calm	SW	SW	Calm	Calm	2.4	19.9	33.2	4.8	60.3	8	A.-Cu.	Cu. S	4	Ci.	Cu. E
16..	Calm	Calm	Calm	NE	Calm	Calm	6.4	17.4	36.7	13.2	73.7	10	Ci.-S.	Cu.	7	Ci.-S.	Cu.
17..	Calm	Calm	Calm	Calm	Calm	Calm	9.5	1.6	10	4.3	25.4	10	Ci.-S.	s.-cu. WNW	10	Ci.-S.	Cu.
18..	Calm	Calm	Calm	Calm	Calm	Calm	6.9	16.9	20.4	5.4	49.6	7	Ci.	Cu.	8	Ci.-S.	Cu.
19..	Calm	Calm	SW	SW	Calm	Calm	7.2	27.6	27.6	8.5	70.9	3	Ci.	Cu.	6	Ci.	Cu. WSW
20..	Calm	Calm	Calm	Calm	Calm	Calm	7.5	16.4	17.7	8.3	49.9	6	Ci.	Cu.	10	Ci.-S.	Cu. SW
21..	Calm	Calm	Calm	SW	Calm	Calm	5.1	16.9	26.8	8.2	57	10	Ci.-S.	Cu.	6	A.-Cu.	Cu. WSW
22..	Calm	Calm	Calm	Calm	Calm	Calm	10.2	18.2	16.9	4.3	49.6	8	Ci.-S.	Cu.	10	Ci.-S.	Cu.
23..	Calm	Calm	WSW	WSW	Calm	WSW	5.6	16.1	25.4	17.5	64.6	10	Ci.-S.	Cu. W	7	Ci.	Cu. WSW
24..	Calm	Calm	WSW	SW	Calm	Calm	20.1	32.2	37.5	11.8	101.6	2	Ci.	Cu.	6	Ci.	Cu. SW
25..	Calm	Calm	SW	SW	Calm	Calm	9.7	28	26.6	4	68.3	1	Ci.	Cu.	6	Ci.	Cu. SSW
26..	Calm	Calm	Calm	Calm	Calm	Calm	1.6	17.1	7.8	4.2	30.7	10	Ci.-S.	Cu.	10	.....	N.-cf. SW
27..	Calm	Calm	Calm	SW	Calm	Calm	4.6	17.4	26.8	2.9	51.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
28..	Calm	Calm	Calm	Calm	Calm	Calm	3.2	12.6	15.1	1.4	32.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
29..	Calm	Calm	SSW	SSW	Calm	Calm	2.1	16.6	18.3	.8	37.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
30..	Calm	Calm	Calm	SW	Calm	Calm	.8	16.6	23.3	4.3	45	3	Ci.	Cu.	10	.....	N. SW
31..	Calm	Calm	Calm	Calm	Calm	Calm	2.1	17.9	23.3	5.1	48.4	2	Ci.	Cu.	10	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	7.3	19.2	24.8	6.5	57.8	6.7	.....	.....	7.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,791.3	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.87	57.76	59.02	57.17	57.61	59.28	58.12	23.8	23.2	29.5	29.5	27.5	25.7	26.5	32.2	23	95	98	75	81	88	94	88.5	3.3
2..	58.28	57.95	58.84	57.04	57.31	58.85	58.04	24.6	24	31	31	27.8	25.3	27.3	32.2	24	95	96	70	69	84	95	84.8	.....
3..	57.11	57.16	57.92	55.80	56.31	57.22	56.92	24.8	24.5	30	30.8	27.8	26	27.3	31.6	24.4	95	94	77	70	80	88	84	.....
4..	55.60	55.38	56.39	53.73	54.31	55.19	55.10	25.6	25	28.5	27.8	26	25.4	26.4	29	25	88	93	81	81	88	91	87	2.1
5..	53.10	53.32	55.13	52.15	51.74	53.17	53.10	24	25.4	27	26	26	24.8	25.5	27.3	24	95	86	86	85	84	93	88.2	11
6..	52.78	53.19	54.13	52.87	54.35	55.97	53.88	24.6	24.4	29	31	27.5	26.3	27.1	31.6	24	92	88	81	69	85	90	84.2	.....
7..	54.70	55.18	55.38	53.75	54.12	55.28	54.74	25.6	25.2	30.8	33.8	28.2	26.3	28.3	34	25.1	90	91	70	63	80	86	80	.....
8..	54.40	54.58	55.13	53.35	53.98	55.23	54.44	25.8	25.3	30.5	32	28.7	26.6	28.2	32.6	25	90	96	72	66	76	86	81	.....
9..	54.68	55.15	55.53	54.04	55.19	56.52	55.18	26	25.7	31.2	33.5	29	27	28.7	34	25.5	89	90	71	61	78	84	78.8	.....
10..	55.78	55.95	56.72	54.53	55.74	57.42	56.02	26.2	25.8	31	32.8	29	27	28.6	33	25.4	88	89	74	67	78	84	80	.....
11..	56.29	56.75	57.96	56.15	56.76	58.43	57.06	25.8	25.8	30.5	31.5	28.3	26.2	28	32.8	25.6	89	89	72	72	82	90	82.3	1.3
12..	58.09	58	39	58.71	57.29	57.76	59.56	58.30	25.8	25	31.5	32.3	29	26.5	28.4	32.8	24.8	92	94	69	69	82	89	82.5	.....
13..	58.73	59.09	59.73	57.66	58.58	59.76	58.92	25.9	24.7	30.8	32.3	28.2	26.8	28.1	33	24.6	89	94	70	62	83	86	80.7	.....
14..	59.43	59.42	59.81	57.70	58.66	60.35	59.23	25.7	25.5	31.2	24.5	29.5	26.7	28.8	34.9	24.7	91	90	69	58	75	85	78	.....
15..	58.85	58.88	59.76	58.03	58.78	60.31	59.10	25.5	24.3	31.2	32.8	28.5	25.5	28	33	24.3	88	91	65	59	78	90	78.5	3
16..	59	59.03	59.81	57.38	58.58	60.69	59.08	24.6	24.8	29.7	30.3	26.3	25.2	26.8	31.8	24.3	95	95	70	70	92	96	86.3	20.1
17..	59.58	60.07	60.46	57.67	58.59	60.16	59.42	24.5	23.6	30	31.2	26.3	25	26.8	32.2	23.5	96	97	68	69	92	96	86.3	18.3
18..	59.19	59.69	60.15	57.90	58.93	60.53	59.40	24.8	24.1	31	32	28.5	25.7	27.7	32.6	24	96	97	68	71	83	94	84.8	.5
19..	59.58	60.15	60.66	58.68	59.32	60.51	59.82	24.8	24.5	30.2	32.2	28.3	26.1	27.7	32.2	24.3	95	96	71	59	82	94	82.8	6.3
20..	59.61	59.42	59.49	57.78	57.46	59.03	58.80	24.8	24.7	28.6	28.3	27.3	25	26.4	30.4	24.3	97	97	79	79	84	96	88.7	2.3
21..	57.50	57.40	58.15	56.27	56.40	58.28	57.33	23.8	24	28.3	30.8	27.5	25.1	26 6	30.8	23.8	96	96	82	67	84	96	86.8	1.5
22..	57.63	57.67	58.12	56.53	56.78	58.75	57.58	24.1	23.5	30.5	31.3	28	25.5	27.2	31.5	23.5	96	97	68	69	85	94	84.8	.....
23..	57.40	57.61	58.21	57.27	57.44	59.18	57.85	24.7	23.7	30.5	25.3	26	25.5	26	30.9	23.3	96	96	72	96	96	96	92	36.8
24..	58.40	58.65	59.74	58.22	58.81	60.44	59.04	25	24	29.5	30.3	27.4	25.5	27	31.3	23.5	97	97	78	70	89	94	87.5	5.8
25..	59.63	60.38	61.35	59.12	59.73	60.82	60.17	24.6	24	29.5	30.5	28.3	26.5	27.2	30.9	23.9	95	97	78	75	82	94	86.8	9.7
26..	60.04	60.73	61.53	59.52	59.73	61.12	60.44	25.3	24.3	29	31	28.3	27	27.5	31	24.2	95	97	79	75	80	90	86	.....
27..	60.21	60.46	61.08	59.01	59.26	61.03	60.18	25.2	27.2	30.2	30.8	28.5	28	28.3	30.8	24.7	90	84	75	73	81	83	81	.....
28..	59.51	59.64	60.03	57.91	57.83	58.54	58.91	27	27.5	30.2	31	28.5	27.8	28.7	31.6	25.7	86	83	70	69	78	84	78.3	5.9
29..	57.08	57.23	57.27	54.76	55.27	56.37	56.33	27.2	27.2	28.5	30	28	26	27.8	31	24.2	84	85	78	85	94	85	85	26.6
30..	55.15	55.09	56.28	53.68	54.14	54.94	54.88	24.4	24.4	29.3	29.8	27.8	26.6	27	30.8	24.2	97	97	79	75	90	87	87.5	32.7
Mean	57.51	57.71	58.42	56.43	56.98	58.43	57.58	25.2	24.8	30	30.9	27.9	26.1	27.5	31.8	24.4	92.6	93	74.1	70.9	83.5	90.6	84.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	Calm	Calm	Calm	1.9	19.3	17.4	3.8	42.4	2	Ci.	Cu.	10	Ci.-S.	Cu. SW
2..	Calm	Calm	Calm	WSW	Calm	Calm	5.4	22.5	24.1	3.2	55.2	7	A.-Cu.	Cu.	10	Ci.-S.	S.-Cu. SW
3..	Calm	Calm	WSW	WSW	Calm	Calm	5.4	22.8	39.1	9.5	76.8	10	Ci.-S.	Cu.	7	Ci.-S.	Cu. WSW
4..	Calm	Calm	SW	SW	Calm	Calm	7.4	19.3	34.6	21.5	82.8	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. WSW
5..	Calm	Calm	SW	Calm	Calm	SW	26.4	20.3	22	38	106.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu. SW
6..	Calm	SW	SW	SW	SW	Calm	24.7	33	39.7	23.5	120.9	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
7..	Calm	Calm	SW	SW	SW	SW	22.8	39.9	44.6	33.8	141.1	2	Ci.	Cu.	6	Ci.	Cu. SW
8..	Calm	SW	SW	SW	Calm	Calm	33	44.6	51	21.4	150	1	Ci.	Cu.	4	Ci.	Cu. SW
9..	Calm	Calm	SW	SW	Calm	Calm	24.9	43.7	43.8	20.3	132.7	3	Ci.	Cu.	6	Ci.	Cu. SW
10..	SW	Calm	SW	SW	Calm	Calm	26.2	44	39.6	19.8	129.6	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
11..	Calm	SW	SW	Calm	Calm	Calm	21.1	34.4	26.8	10.2	92.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
12..	Calm	Calm	SW	SW	Calm	Calm	10.7	24.3	27.1	8.9	71	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
13..	Calm	Calm	SW	Calm	Calm	Calm	9.2	25.2	23.5	16.9	74.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SW
14..	Calm	Calm	SW	SW	Calm	Calm	11.8	27.6	26.2	9.1	74.7	10	Ci.-S.	Cu.	8	Ci.-S.	Cu. SW
15..	Calm	Calm	Calm	SW	Calm	Calm	8	18	33.3	8.5	67.8	10	A.-Cu.	Cu.	8	A.-Cu.	Cu. SW
16..	Calm	Calm	Calm	SW	Calm	Calm	8.3	10.5	25.2	8.7	52.7	10	Ci.-S.	Cu.	7	Ci.	Cu. SW
17..	Calm	Calm	Calm	Calm	Calm	Calm	5.1	20.4	22.3	25.7	73.5	10	Ci.-S.	Cu.	7	Ci.	Cu. SW
18..	Calm	Calm	SW	Calm	Calm	Calm	6.1	24.6	27.9	4.6	63.2	4	A.-Cu.	Cu.	4	Ci.	Cu. SSW
19..	Calm	Calm	SW	SW	Calm	Calm	5.9	25.2	33.3	15	79.4	10	Ci.-S.	Cu.	6	Ci.-S.	Cu.
20..	Calm	Calm	NNW	Calm	Calm	Calm	7.4	25.5	26	5.8	64.7	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. NW
21..	Calm	Calm	Calm	NW	Calm	Calm	11.5	20.6	28.4	6.7	67.2	6	Ci.	Cu. N	6	Ci.	Cu. NW
22..	Calm	Calm	Calm	NW	Calm	Calm	10.3	25.5	34.4	7	77.2	4	Ci.	Cu. W	3	Ci.	Cu.
23..	Calm	Calm	Calm	SW	Calm	Calm	6.9	23.3	21.4	7.2	58.8	1	Ci.	Cu.	10	.....	N.
24..	Calm	Calm	Calm	Calm	Calm	Calm	4.3	20.3	21.9	8.3	54.8	6	Ci.-S.	Cu.	10	Ci.-S.	S.-Cu. E
25..	Calm	Calm	NE	NE	Calm	Calm	6.4	25.7	31.7	10.8	74.6	3	Ci.	Cu.	8	Ci.-S.	Cu. ENE
26..	Calm	Calm	NE	NE	Calm	Calm	8.3	27.4	34.9	9.9	80.5	2	Ci.	Cu.	8	Ci.-S.	Cu. ENE
27..	Calm	NE	NE	NE	NE	NE	16.4	61.5	56.8	41.5	176.2	5	Ci.	Cu. NE	6	Ci.	Cu. NE
28..	Calm	N	NNE	NNE	N	N	44.5	53.9	52	39.6	190	6	Ci.	Cu. N	4	Ci.	Cu. NNE
29..	N	Calm	N	N	Calm	Calm	31.2	48.8	45.4	9.4	134.8	5	Ci.	Cu. N	6	Ci.	Cu. N
30..	Calm	Calm	Calm	WSW	Calm	Calm	16.1	23.1	22.3	19.5	81	10	Ci.-S.	Cu. WNW	10	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	14.3	29.2	32.6	15.6	91.6	6.9	.....	.....	7.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,747.6	.....	.....	.....	.....	.....	.....

PARACALE.

[$\phi = 14°\ 17'$ N; $\lambda = 122°\ 47'$ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.22	54.73	55.83	53.63	53.44	54.39	54.37	25.2	25.4	26	27.5	27.7	26.5	26.4	28.2	25	97	97	96	91	84	88	92.2	2.1
2..	53.15	53.36	54 30	51.88	52.12	53.78	53.10	26.2	25.1	28.8	31.5	27.8	26.5	27.6	31.5	25	90	91	82	73	82	88	84.3	.....
3..	52.37	53.26	54.05	52.17	53.51	54.61	53.33	26.2	26.3	29.4	32.5	28.5	26.8	28.3	32.8	26	88	87	75	69	80	87	81	.....
4..	54.93	55.60	57.27	55.93	56.81	58.59	56.52	26.3	26.3	30	30	28.5	27	28	31.8	25.6	90	90	73	71	74	85	80.5	.....
5..	58.22	58.94	60.01	57.94	58.99	60.66	59.13	25.5	25	30.8	32.5	28	26.3	28	32.6	24.7	94	95	70	69	82	87	82.8	.....
6..	59.41	60.02	60.47	58.66	58.55	60.07	59.53	24.8	24.5	30	29.3	27.5	25.8	27	30.6	24.5	95	96	76	78	92	96	88.8	.....
7..	58.65	58.46	59.55	57.73	58.31	59.77	58.74	25	24	30.5	30.5	28.4	26.3	27.4	31.2	24	96	97	75	69	85	94	86	.....
8..	58.68	58.83	59.93	58.66	58.95	60.26	59.22	25.1	24.8	29.4	27	24.7	24.2	25.9	32	24.1	96	96	77	88	94	97	91.3	5.8
9..	59.30	59.44	60.62	58.76	59.33	59.78	59.54	23.9	23.3	30	29.8	25.4	25	26.2	31	23.2	97	97	77	76	95	97	89.8	19.1
10..	58.73	59.11	60.16	58.46	58.73	59.92	59.18	24.4	24.5	29.5	28.2	27.4	26.7	26.8	30.2	24.2	97	96	75	81	78	79	84.3	.....
11..	59.03	58.93	60.01	58.08	58.62	59.77	59.07	26.5	25	30	30	25.8	24.8	27	30.6	24	80	89	68	65	93	87	80.3	5.8
12..	58.70	58.88	60.22	58.58	58.83	59.73	59.16	26	26.2	29.2	28	27.6	26.2	27.2	30.5	24	81	81	73	70	70	76	75.2	.....
13..	59.09	59.13	59.59	58.12	58.11	58.95	58.83	26.3	26.3	29.2	26.5	24.3	25	26.3	30	24	76	76	67	80	93	92	80.7	5.9
14..	57.73	57.62	58.16	55.93	55.63	56.18	56.88	26	26.2	29.5	29.5	26.4	25	27.1	30.2	24.9	76	71	66	63	81	86	73.8	1.3
15..	54.76	54.49	55.15	52.09	51.68	51.08	53.21	25	24.7	24	23	23.2	24	24	25.2	22	88	92	96	94	97	94	93.5	78.7
16..	51.04	52.04	54.16	52.99	54.87	56.77	53.64	23	23	28.2	29.7	25.8	23.5	25.5	29.7	22.7	91	91	66	55	78	94	79.2	8.9
17..	56.42	57.50	57.33	54.97	56.17	57.72	56.68	23.4	23.6	26.8	30.3	28.7	26.2	26.5	30.6	23	97	95	86	70	71	88	84.5	1.3
18..	56.86	56.81	57.78	55.45	55.81	57.97	56.78	24.2	24.4	31	32.3	27.7	25.2	27.5	32.3	24	95	95	69	64	84	92	83.2	.....
19..	56.90	57.31	58.68	56.03	57.56	58.70	57.53	24.2	25	30.2	31.5	27.8	24.2	27.2	33	24	95	94	74	69	84	94	85	1.3
20..	57.90	58.19	58.94	57.11	57.54	59.05	58.12	23.6	23.6	29	29.8	25.7	25.5	26.2	31	23.5	97	97	80	74	93	96	89.5	4.9
21..	57.37	57.40	57.94	55.44	54.79	54.69	56.27	24	25.6	28.7	28	27	25.3	26.4	28.9	23.9	97	93	76	74	86	94	86.7	3.3
22..	52.87	53.28	54.80	53.02	54.21	55.58	53.96	25	25	26.7	31	27.6	27.6	27.2	31.8	25	93	92	81	65	80	79	81.7	.3
23..	56.73	57.53	58.86	57.11	58.10	59.54	57.98	26.4	26.8	30.6	32.3	27.7	25.7	28.2	32.7	24.7	82	78	67	63	82	92	77.3	.....
24..	58.83	59.50	59.90	57.75	58.24	59.20	58.90	24.3	23.8	31.5	31.2	27	25.6	27.2	33.2	23.8	94	96	68	71	92	95	86	4.1
25..	58.20	58.80	59.76	57.83	58.40	60.21	58.87	24.5	23.9	30.7	30.5	28.2	26.2	27.3	33.2	23.8	96	96	72	74	83	94	85.8	.....
26..	59.81	60.59	61.70	60.07	60.90	62.01	60.85	24.4	24	30.2	31	27.1	26.1	27.2	31.6	23.8	97	96	70	75	89	84	85.2	.....
27..	61.98	62.58	63.65	61.78	62.01	63.03	62.50	26.3	26.8	29.8	30.5	27.6	26.2	27.9	30.8	25.7	86	83	74	71	82	90	81	6.5
28..	61.71	62.14	62.96	60.92	61.67	62.72	62.02	26.2	26.3	30	29.8	27.6	26.4	27.7	31.2	25	90	88	71	73	81	90	82.2	.5
29..	61.13	61.33	61.61	59.43	59.98	60.47	60.66	26.6	26.5	28.8	30	26	26.8	27.4	30.5	25.8	84	80	74	73	84	86	80.2	6.4
30..	59.73	59.97	60.73	58.73	59.23	60.63	59.84	25.3	25.8	29.7	28	27.4	27	27.2	30.8	25.3	94	89	79	81	89	90	87	11.5
31..	59.91	60.79	61.72	59.83	60.02	61.33	60.60	26.2	26	25.2	26	26.5	26.7	26.1	27.4	24	92	92	94	92	92	88	91.7	26
Mean	57.56	57.95	58.90	56.94	57.46	58.62	57.90	25.2	25.1	29.1	29.6	27	25.8	27	30.9	24.3	91	90.5	75.7	73.6	84.8	89.6	84.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	Calm	Calm	SW	17.5	19.1	22.8	33.2	92.6	10	Ci.-S.	N. WSW	10	Ci.-S.	Cu.
2..	SW	Calm	SW	SW	SW	Calm	28.7	35.6	39.2	31.7	135.2	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
3..	Calm	SSW	SSW	SW	SSW	Calm	37.2	43.3	48.3	22.3	151.1	10	Ci.-S.	Cu.	6	Ci.	Cu. SW
4..	Calm	Calm	SSW	SSW	SSW	Calm	21.1	40.2	51.2	36	148.5	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
5..	Calm	Calm	SW	SSW	Calm	Calm	6.6	35.9	30.1	9.7	82.3	10	Ci.-S.	Cu.	10	Ci.-S.	Cu. SSW
6..	Calm	Calm	Calm	Calm	Calm	Calm	6.4	17.4	15.1	5.9	44.8	10	Ci.-S.	Cu.	10	Ci.-S.	Cu.
7..	Calm	Calm	WSW	Calm	Calm	Calm	7.4	26	25.9	5.8	65.1	2	Ci.	Cu.	10	Ci.-S.	Cu.
8..	Calm	Calm	Calm	SSW	Calm	Calm	8	23	28	13.4	72.4	10	Ci.-S.	Cu.	10	Ci.-S.	N. SSW
9..	Calm	Calm	NE	NE	Calm	Calm	6.2	24.7	29	9.7	69.6	4	Ci.	Cu.	5	Ci.	Cu. NE
10..	Calm	Calm	NE	NE	NE	NE	11.6	46.7	51.5	35.7	145.5	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
11..	Calm	Calm	NE	NE	Calm	Calm	27.4	41.2	32.8	24.6	126	7	Ci.	Cu. NNE	6	Ci.	Cu. NE
12..	NE	NE	NE	NE	NE	NE	37.8	55.5	60.2	46.2	199.7	6	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
13..	NE	NNE	NNE	NNE	Calm	Calm	53.4	52.6	32.2	34.3	172.5	7	Ci.	Cu. NNE	10	Ci.-S.	S.-Cu. NNE
14..	N	Calm	WNW	NW	Calm	Calm	55.8	37	30.6	10	133.4	10	Ci.-S.	S.-Cu. NW	10	Ci.-S.	Cu. NW
15..	Calm	Calm	Calm	SW	SW	SW	10	21.9	36.4	47.2	115.5	10	.....	N.	10	.....	N. SW
16..	SW	Calm	SW	SW	Calm	Calm	30.3	30	39.7	20.6	120.6	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu.
17..	Calm	Calm	SE	S	Calm	Calm	12.3	35.2	40.2	20.9	108.6	10	.....	N.	10	Ci.-S.	Cu. S
18..	Calm	Calm	Calm	SW	Calm	Calm	12.4	25.2	34.8	5.6	78	10	Ci.-S.	Cu.	7	Ci.	Cu. SW
19..	Calm	Calm	SW	Calm	Calm	Calm	5.8	20.4	23.3	12.6	62.1	6	Ci.	Cu.	10	Ci.-S.	Cu. SW
20..	Calm	Calm	NE	NNE	Calm	Calm	8.7	21.2	36.2	8.2	74.3	10	Ci.-S.	Cu.	6	Ci.	Cu. NW
21..	Calm	Calm	NNW	WSW	Calm	Calm	11.1	46.4	33.3	14.7	105.5	10	Ci.-S.	Cu. N	10	Ci.-S.	Cu.
22..	WSW	WSW	SW	SSW	SSW	SSW	30.1	37.2	41.3	38.4	147	10	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu. SSW
23..	SSW	SSW	SSW	SSW	Calm	Calm	23.3	45.3	32.5	11	112.1	10	A.-Cu.	Cu.	4	Ci.	Cu. SSW
24..	Calm	Calm	Calm	NE	Calm	Calm	7.4	17.5	22.3	3.4	50.6	2	Ci.	Cu.	6	Ci.-S.	Cu.
25..	Calm	Calm	NE	NE	Calm	Calm	13.1	28.4	30.1	8.5	80.1	2	Ci.	Cu.	7	Ci.	Cu. SW
26..	Calm	Calm	ENE	ENE	Calm	Calm	4.2	34	49.9	22.5	110.6	8	A.-Cu.	Cu.	6	Ci.	Cu. E
27..	ENE	ENE	ENE	ENE	ENE	ENE	51.7	68.7	76.6	88.3	285.3	5	Ci.	Cu. ENE	5	Ci.	Cu. ENE
28..	ENE	ENE	ENE	ENE	ENE	ENE	66	61.8	65.4	67.1	260.3	8	Ci.	S.-Cu.ENE	6	Ci.	Cu. ENE
29..	ENE	ENE	ENE	ENE	Calm	ENE	54.9	56.1	56.8	49.1	216.9	4	Ci.	Cu. ENE	6	Ci.	Cu. ENE
30..	ENE	ENE	ENE	ENE	ENE	ENE	44.3	45.6	56.3	51.8	198	7	Ci.	Cu. E	8	Ci.	Cu. E
31..	ENE	Calm	ENE	E	E	E	48.6	40.2	25.9	37.3	152	10	Ci.-S.	S.-Cu. E	10	.....	S.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	24.5	36.6	38.6	26.6	126.3	8	.....	.....	8.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,916.2	.....	.....	.....	.....	.....	.....

PARACALE.

[ϕ=14° 17′ N; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.59	60.93	61.52	59.41	59.61	60.84	60.48	26.5	26.3	29.5	30	27.5	26.7	27.8	30.6	25.5	86	86	75	71	81	86	80.8	6.2
2..	59.88	60.20	61.01	58.77	59.42	60.82	60.02	26.4	24	29.5	29.7	27.2	27	27.3	30.8	24	89	96	75	72	80	83	82.5	.....
3..	60.22	60.44	61.82	59.42	59.51	60.63	60.34	25.6	25.7	29.2	29.8	27	26.2	27.2	30.4	25.5	92	89	74	71	77	81	80.7	1.3
4..	59.66	59.76	61.26	59.33	59.86	60.69	60.09	25.6	26.5	28.8	29.6	27.3	26.7	27.4	30.2	25.2	87	84	77	74	78	83	80.5	1.8
5..	59.77	60.39	61.33	59.38	59.92	61.04	60.30	26.3	26	29	29.7	27	26.8	27.5	30.7	25.2	86	92	78	77	88	92	85.5	13.2
6..	60.38	60.52	61.73	59.83	60.21	61.66	60.72	26.5	25.7	29.5	30.5	26.6	26.7	27.6	30.5	25.1	92	92	76	76	91	89	86	10.1
7..	60.53	60.99	61.96	60.21	60.13	61.26	60.85	26.5	25	29.4	28	27	27	27.2	30.4	24.9	88	94	79	82	88	88	86.5	10.9
8..	60.53	61.03	62.26	60.58	60.76	61.76	61.15	26.2	26.3	29.5	30.3	27.7	27.1	27.8	30.7	26	90	89	76	74	82	83	82.3	5.3
9..	61.53	61.52	62.46	60.48	60.91	61.78	61.45	24.8	26.1	29.4	30	27.3	27.2	27.5	30.6	24.5	95	87	74	75	82	81	82.3	3
10..	61.23	61.94	63.36	60.86	61.31	62.48	61.86	26.7	26.5	26.2	28.5	26.8	27	27	28.9	24.3	83	82	89	75	80	84	82.2	5.4
11..	61.78	62.08	63.16	60.87	61.48	62.56	61.99	27	27	28.6	27.3	27.5	26.4	27.3	29.2	24	81	79	74	82	77	89	80.3	8.6
12..	61.19	61.61	62.26	60.26	61.21	62.13	61.44	26	25.7	29.7	29	27.2	27	27.4	29.8	23.7	89	86	73	71	78	81	79.7	2.5
13..	61.11	61.99	63.15	61.40	61.16	62.26	61.84	26.6	26.2	29.4	26.7	26.4	26.4	27	30.2	24	83	85	75	84	86	87	83.3	13
14..	61.23	61.77	62.82	60.59	61.46	62.58	61.74	26	26.2	28.3	28	27	27	27.1	29.6	24.8	89	86	82	85	86	86	85.7	3.5
15..	61.58	61.97	63.18	60.92	61.09	62.33	61.84	26.6	26	27.4	28.4	27.2	26.7	27	28.6	25.5	87	88	81	72	79	79	81	10.7
16..	61.19	61.48	62.47	60.11	60.24	61.41	61.15	24.6	26.5	28.5	28	26.5	27	26.8	29.6	24	92	80	72	76	84	80	80.7	1.3
17..	60.11	60.53	61.71	59.97	60.63	61.62	60.76	26.4	25.8	25.5	27.5	26.8	26.4	26.4	27.8	24.2	85	89	89	75	80	81	83.2	12.4
18..	60.52	61.23	62.28	60.16	60.51	61.43	61.02	25.6	25.8	29.3	28.3	26.4	26.3	27	29.6	25.5	83	78	66	70	79	79	75.8	.5
19..	60.17	60.77	61.74	59.71	60.16	61.43	60.66	25.5	25.2	29	27.8	25.5	25.5	26.4	29.2	23.5	83	83	66	74	84	80	78.3	.....
20..	61.04	61.59	62.72	60.50	60.77	61.98	61.43	22.5	21.6	29.3	28.8	26.5	26.5	25.9	29.6	21.3	96	97	69	69	80	80	81.8	.....
21..	60.81	61.46	62.11	60	60.43	61.41	61.04	26.2	25.7	28	29.7	26.1	24	26.6	29.9	23.5	82	83	75	68	85	95	81.3	.8
22..	60.08	60.50	61.31	59.32	60.24	61.26	60.45	23.3	22.7	27.5	27.3	26.2	24.8	25.3	29.8	22.5	97	97	84	82	93	98	91.8	33.3
23..	60.10	60.62	61.03	59.12	60.11	61.19	60.36	24.9	24.2	28	29.6	27	25	26.4	29.6	23.9	96	97	83	76	85	96	88.8	4.1
24..	59.54	60.33	61.91	59.76	60.51	61.49	60.59	24.5	24	26.5	29	27	26.3	26.2	29.8	23.8	96	97	86	74	84	87	87.3	1
25..	59.90	60.79	61.47	59.51	59.86	61.42	60.49	25	23	29.5	29.8	26.8	26	26.7	30.6	23	96	98	71	73	87	89	85.7	.....
26..	60.08	60.82	61.24	59.03	59.85	61.11	60.36	24.2	23.2	28	30	27	25.1	26.2	30.5	23	86	96	83	75	86	95	86.8	.8
27..	60.19	60.93	61.72	59.51	60.46	61.13	60.66	24.1	23.5	28.6	28	26.5	25	26	31.4	23.5	96	97	80	81	90	96	90	3.6
28..	60.18	60.76	61.57	59.58	60.28	61.06	60.57	25.2	25.6	29	30	25.5	26	26.9	30	24.6	93	89	74	75	90	88	84.8	6
29..	60.51	61.26	62.13	60.17	60.88	61.93	61.15	25.8	25.7	28.2	28.5	27.2	26.8	27	28.8	24.3	89	90	81	78	83	86	84.5	2.5
30..	60.83	61.13	62.28	60.56	61.01	62.27	61.35	25.6	26	27.8	28.7	26.3	26.2	26.8	29	24.5	92	85	75	75	88	85	83.3	.....
Mean	60.55	61.04	62.03	59.98	60.47	61.57	60.94	25.6	25.3	28.5	28.9	26.8	26.3	26.9	29.9	24.2	89.3	89	77.1	75.4	83.7	86.2	83.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	ENE	ENE	ENE	ENE	ENE	43.5	56.6	55.5	44.1	199.7	5	Ci.	Cu. ENE	6	Ci.	Cu. ENE
2..	ENE	Calm	ENE	ENE	ENE	ENE	35.6	50.9	54.7	40.8	182	4	Ci.	Cu. ENE	5	Ci.	Cu. ENE
3..	ENE	Calm	ENE	ENE	ENE	ENE	37.5	59.5	63	47	207	4	Ci.	Cu. ENE	3	Ci.	Cu. ENE
4..	ENE	ENE	ENE	ENE	ENE	ENE	43.3	63.3	51.2	35.7	193.5	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
5..	ENE	Ca m	ENE	ENE	Calm	ENE	35.4	35.4	49.4	30	150.2	10	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
6..	ENE	Calm	ENE	ENE	ENE	ENE	27.6	46.2	48.9	54.1	176.8	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
7..	ENE	ENE	ENE	ENE	ENE	ENE	41	65.8	70	51.2	228	10	.....	S.-Cu. ENE	10	.....	N. ENE
8..	E	E	E	ENE	ENE	ENE	51	53.9	57.7	59.7	222.3	4	Ci.	Cu. E	4	Ci.	Cu. E
9..	ENE	ENE	ENE	ENE	ENE	ENE	48.3	72.4	75.6	71.1	267.4	3	Ci.	Cu. ENE	4	Ci.	Cu. ENE
10..	ENE	ENE	ENE	ENE	ENE	ENE	66.8	87.4	76.4	80.5	311.1	6	Ci.	Cu. ENE	7	Ci.	Cu. ENE
11..	ENE	ENE	ENE	ENE	ENE	ENE	104.6	110.2	97.9	74.8	387.5	6	Ci.	Cu. ENE	8	Ci.	S.-Cu. ENE
12..	ENE	ENE	ENE	ENE	ENE	ENE	52.6	60.4	79.7	72.4	265.1	6	Ci.	Cu. ENE	7	Ci.	Cu. ENE
13..	ENE	ENE	ENE	ENE	ENE	ENE	82.1	68.9	65.2	59	275.2	5	Ci.	Cu. ENE	10	Ci.	S.-Cu. ENE
14..	ENE	ENE	ENE	ENE	ENE	ENE	52	63.6	47.8	72.7	236.1	5	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
15..	ENE	ENE	ENE	ENE	ENE	ENE	71.9	100.8	102.5	93.8	369	5	Ci.	Cu. ENE	7	Ci.	Cu. ENE
16..	ENE	ENE	ENE	ENE	ENE	ENE	84.5	99	76.7	72.9	333.1	4	Ci.	Cu. ENE	7	Ci.	Cu. ENE
17..	ENE	ENE	ENE	ENE	ENE	ENE	57.7	63.4	71.9	56.3	249.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
18..	ENE	ENE	ENE	ENE	ENE	ENE	59.3	56.5	53.9	47.3	217	6	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
19..	ENE	ENE	ENE	ENE	Calm	Calm	32.4	48.1	39.9	15.5	135.9	4	Ci.	Cu. NE	6	Ci.	Cu. NE
20..	Calm	Calm	ENE	ENE	ENE	ENE	3.7	40.8	44.9	40	129.4	6	Ci.	Cu. NE	6	Ci.	Cu. ENE
21..	Calm	ENE	ENE	ENE	Calm	Calm	7.7	38	31.1	4.5	81.3	4	Ci.	Cu. NE	4	Ci.	Cu. NE
22..	Calm	Calm	ENE	Calm	Calm	Calm	3.2	26.9	22	8.3	60.4	3	Ci.	Cu.	10	Ci.-S.	Cu. ENE
23..	Calm	Calm	ENE	ENE	Calm	Calm	5.3	18.5	36	8.2	68	10	Ci.-S.	Cu.	4	Ci.	Cu. ENE
24..	Calm	Calm	ENE	ENE	Calm	Calm	8.5	33.8	37.5	24.4	104.2	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. ENE
25..	Calm	Calm	ENE	ENE	Calm	Calm	6.2	31.7	42.1	17.1	97.1	4	Ci.	Cu.	4	Ci.	Cu. ENE
26..	Calm	Calm	ENE	ENE	Calm	Calm	6.7	30.6	34.1	5.6	77	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
27..	Calm	Calm	ENE	Calm	Calm	Calm	7	26.2	29.5	7.8	70.5	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
28..	Calm	Calm	ENE	ENE	Calm	ENE	20.1	52	40.8	34.4	147.3	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
29..	ENE	ENE	ENE	ENE	NE	NE	52.6	81.3	75.9	81.8	291.6	10	Ci.-S.	S.-Cu. ENE	6	Ci.	Cu. ENE
30..	NE	NE	NE	NE	NE	NE	70.8	82.1	73.2	66	292.1	5	Ci.	Cu. NE	6	Ci.	Cu. NE
Mean	.....	.....	.....	.....	.....	.....	40.6	57.5	56.8	45.9	200.8	5.9	.....	.....	6.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,025.1	....	.....	.....	....	.....	.....

PARACALE.

[ϕ=14° 17′ N.; λ=122° 47′ E; barometer above sea, 5.3 meters; gravity correction not applied, —1.73 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.11	61.18	62.37	60	60.42	61.48	61.09	26	25.8	28.8	28.8	26.6	26.6	27.1	29.3	25.8	84	84	74	76	83	78	79.8	.....
2..	60.73	61.03	62.06	60.13	60.38	61.68	61	26.3	26	27	26.5	24.5	25	25.9	27.8	24.1	80	82	83	88	96	93	87	26.9
3..	60.89	61.24	62.59	60.43	60.59	61.46	61.20	25.2	26	27.5	28.8	26.5	25	26.5	29.2	24	90	84	73	69	76	88	80	.8
4..	61.12	61.72	62.47	60.27	60.83	61.66	61.34	25	25.5	27.4	27.3	26	24.8	26	27.9	24.5	83	76	75	76	84	96	81.7	15.7
5..	60.88	61.60	62.73	61.61	61.66	62.72	61.87	25	25.8	26.7	25	26.5	25.7	25.8	28.2	24.2	92	80	80	86	74	75	81.2	.....
6..	62.23	62.53	63.68	61.71	62.22	63.11	62.58	25.6	25	28.5	29	26.2	26.3	26.8	29.3	24.7	73	76	66	64	71	73	70.5	.....
7..	62.58	62.97	63.68	61.76	61.93	62.48	62.57	25.7	25.3	28.3	29	26.2	25.8	26.7	29.2	25.2	75	77	65	61	77	76	71.8	.....
8..	61.98	62.47	63.41	61.54	62.14	62.86	62.40	25.2	25.8	28.7	27	25.2	25	26.2	29.8	23.9	78	69	66	75	84	83	75.8	2.5
9..	61.33	61.83	62.73	60	63	60.97	61.44	61.49	24.6	24.3	28.3	27.8	26	24.8	26	29.4	23.8	85	86	68	75	84	89	81.2	.3
10..	61.08	61.49	62.64	60.37	60.88	61.43	61.32	25.2	25.8	29	29	25.5	24.3	26.5	29.6	23.8	82	76	68	74	86	93	79.8	.....
11..	60.30	60.52	61.38	59.38	60.43	61.18	60.53	24.1	24.2	28.5	27.2	26.2	26.3	26.1	29.8	23.8	95	94	79	87	86	83	87.3	4.1
12..	59.59	60.21	61.32	59.46	60.23	61.06	60.31	26	25.6	29	29.5	27.1	26.5	27.3	29.7	25	84	87	78	71	78	88	81	31.3
13..	59.91	60.25	61.12	59.11	60.07	61.06	60.25	24.2	24.5	25.4	27.2	26.6	25.8	25.6	27.5	23.8	97	96	96	84	86	89	91.3	16.3
14..	60.36	60.46	61.58	59.42	60.08	60.83	60.46	25.6	25.5	28.2	28.5	26.6	26.3	26.8	30	25.5	91	92	80	76	87	91	86.2	1.5
15..	60.82	60.84	62.18	60.74	61.17	61.79	61.26	25	25.2	28	28.7	26.2	25.8	26.5	29.6	24.5	88	86	79	78	75	85	81.8	.5
16..	61	60.88	62.23	60.61	61.23	62.21	61.36	24.8	24.4	28.6	27.8	26	25.8	26.2	29.6	23.3	92	92	78	81	84	81	84.7	1.3
17..	61.56	62.06	63.24	60.77	61.13	62.14	61.82	25.6	25.8	24.5	28.3	26.2	26.3	26.1	28.6	24.5	87	86	92	75	86	86	85.3	.....
18..	61.91	62.31	63.54	61.02	61.53	62.31	62.10	25.8	25.8	26.8	28.5	26	25.2	26.4	28.5	24.6	85	81	78	70	81	86	80.2	3
19..	62	62.39	63.42	61.63	62.33	62.89	62.44	25.4	23.5	28.2	29.5	26.4	26.2	26.5	30.1	23.2	84	91	81	68	81	81	81	.....
20..	62.18	62.48	62.93	61.02	61.29	62.11	62	26	25.2	27.8	26.3	26.2	25.3	26.1	28	24	81	86	76	78	82	89	82	2.3
21..	61.18	61.86	62.33	60.02	60.54	61.06	61.16	25.2	25.2	28.2	27.8	26	25.8	26.4	29.3	25	87	86	77	74	80	78	80.3	1
22..	60.13	60.50	61.76	59.49	59.89	60.22	60.33	25.6	22.7	27	28.5	26	25.3	25.8	29.7	22.6	79	97	77	70	78	80	80.2	.....
23..	59.20	59.53	60.81	59.09	59.47	60.04	59.69	25.2	25.2	28.5	27.4	26.5	26	26.5	29.8	24.6	79	78	70	70	76	82	75.8	.....
24..	59.20	59.29	60.26	58.37	58.28	58.76	59.03	26	26.1	26.6	24.8	25.8	24.8	25.7	27	24	76	72	70	89	85	93	80.8	4.1
25..	56.73	56.26	55.91	52.87	53.42	55.96	55.19	25.2	25.5	25.7	25.2	25.8	25.3	25.4	26.2	23.9	92	93	94	95	93	98	94.2	134.8
26..	56.40	57.11	59.07	56.93	57.90	59.26	57.78	26	25.8	25.4	26.5	26	24	25.6	26.5	23.6	92	92	91	88	90	97	91.7	5.3
27..	58.97	59.48	60.61	58.85	59.88	61.19	59.83	24.2	22.2	27.5	28.5	26.2	24.7	25.6	28.6	22.2	95	98	83	79	88	97	90	1.8
28..	60.48	60.37	61.98	59.87	60.46	61.64	60.80	24.4	23.8	27.7	28	25	26.5	25.9	28.6	23.7	97	97	84	81	94	84	89.5	2.8
29..	60.91	60.96	62.06	60.04	60.26	61.74	61	26	26.2	27.1	26.5	25	24.6	26	27.4	24	87	86	87	92	92	97	90.2	9.1
30..	60.68	61.30	62.79	60.28	60.59	62.27	61.32	23.8	22.6	25.3	28.5	26	25	25.2	29.2	22.6	97	99	89	76	85	89	89.2	7.8
31..	61.80	61.60	63.28	61.27	61.18	62.19	61.89	23.2	23.4	27.6	28	26	25.4	25.6	28.8	22.6	97	97	77	73	81	86	85.2	2.3
Mean	60.62	60.93	62.01	59.96	60.43	61.36	60.88	25.2	25	27.5	27.7	26	25.5	26.2	28.8	24	86.6	86.3	78.5	77.4	83.3	86.6	83.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	275.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	NE	NE	NE	NE	50.7	55.5	48.3	51.8	206.3	6	Ci.	Cu. ENE	6	Ci.	Cu. ENE
2..	NE	NE	NE	NE	NE	NE	52	55.8	45.6	69	222.4	6	Ci.	Cu. NE	10	Ci.-S.	Cu. NE
3..	NE	NE	NE	NE	NE	NE	72.6	91.5	75.6	75.6	315.3	10	Ci.-S.	Cu. NE	6	Ci.	Cu. NE
4..	ENE	ENE	ENE	ENE	ENE	ENE	74.2	61	78.3	72.4	285.9	6	Ci.	Cu. ENE	5	Ci.	Cu. ENE
5..	NE	NE	NE	NE	NE	NE	100.6	106.2	95.6	74.3	376.7	10	Ci.-S.	S.-Cu. NE	10	Ci.-S.	Cu. NE
6..	ENE	ENE	ENE	ENE	ENE	ENE	53.4	72.7	[a]28.4	74.2	228.7	6	Ci.	Cu.	3	Ci.	Cu. ENE
7..	ENE	ENE	ENE	ENE	ENE	ENE	58.4	76.7	78.1	79.5	292.7	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
8..	ENE	ENE	ENE	ENE	ENE	ENE	69.2	70	49.1	47.2	235.5	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu.
9..	ENE	ENE	NE	NE	NE	NE	52.6	56.3	64.7	41.5	215.1	5	Ci.	Cu. ENE	4	Ci.	Cu. NE
10..	NE	NE	NE	NE	Calm	Calm	57.6	67.9	55.2	6.6	187.3	7	Ci.	Cu. NE	4	Ci.	Cu. ENE
11..	NE	Calm	NE	NE	NE	NE	31.1	45.1	53.3	45.9	175.4	10	Ci.-S.	Cu. ENE	6	Ci.	Cu. NE
12..	Calm	NE	ENE	ENE	ENE	ENE	33	59.3	56.1	66.6	215	7	Ci.	Cu. NE	6	Ci.-Cu.	Cu. ENE
13..	ENE	ENE	ENE	ENE	ENE	ENE	93.5	67.3	86.6	48.3	295.7	10	Ci.-S.	s.-cu. ENE	10	Ci.-S.	S.-Cu. ENE
14..	ENE	ENE	ENE	ENE	ENE	ENE	35.6	50.2	56.1	49.9	191.8	4	Ci.	Cu. E	6	Ci.	Cu. ENE
15..	ENE	ENE	ENE	ENE	ENE	ENE	32.8	47.8	50.1	22	152.7	5	Ci.	Cu. ENE	5	Ci.	Cu. ENE
16..	Calm	Calm	ENE	ENE	ENE	ENE	16.4	53.1	54.9	45.9	170.3	4	Ci.	Cu. ENE	4	Ci.	Cu. ENE
17..	ENE	ENE	ENE	ENE	ENE	ENE	43.3	57.1	67.6	58.7	226.7	7	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
18..	ENE	ENE	ENE	ENE	ENE	ENE	43.8	50.5	57.3	42.3	193.9	10	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
19..	ENE	Calm	ENE	ENE	ENE	ENE	29.8	47.3	54.2	53.1	184.4	6	Ci.	Cu. ENE	4	Ci.	Cu. ENE
20..	ENE	ENE	ENE	ENE	ENE	ENE	31.2	47.3	40.2	55.7	174.4	6	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
21..	ENE	ENE	ENE	ENE	ENE	ENE	53.9	66	73.7	56.5	250.1	8	Ci.	Cu. ENE	10	Ci.-S.	Cu. ENE
22..	ENE	Calm	ENE	ENE	Calm	Calm	30	50.5	47.2	31.4	159.1	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
23..	Calm	ENE	ENE	NW	NNW	NNW	31.4	58.7	55.2	66	211.3	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. NNW
24..	N	N	N	N	NW	NW	64.4	69	65.4	78.4	277.2	10	Ci.-S.	Cu. N	10	.....	N. N
25..	N	N	N	N	NE	NE	88.7	124.2	166.5	148.1	527.5	10	.....	S.-Cu. N	10	.....	N. N
26..	ENE	ENE	ENE	ENE	ENE	Calm	90.1	72.4	50.7	15.6	228.8	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
27..	Calm	ENE	ENE	ENE	ENE	Calm	7.4	27.7	42.8	14.8	92.7	10	Ci.-S.	Cu. ENE	6	Ci.-S.	Cu. ENE
28..	Calm	Calm	ENE	ENE	ENE	ENE	9.1	38	59.2	63.9	170.2	10	Ci.-S.	Cu. ENE	10	Ci.-S.	Cu. ENE
29..	NE	NE	NE	NE	Calm	NE	68.4	56.9	42.1	17.2	184.6	10	Ci.-S.	Cu. NE	10	Ci.-S.	S.-Cu. NE
30..	Calm	Calm	NE	NE	NE	NE	12.7	35.9	43.3	40.8	132.7	10	Ci.-S.	Cu. NE	4	Ci.	Cu. NE
31..	Calm	Calm	ENE	ENE	ENE	ENE	10.8	34	55	47.8	147.6	10	Ci.-S.	Cu. ENE	7	Ci.	Cu. ENE
Mean	.....	.....	.....	.....	.....	.....	48.3	60.4	61.2	53.6	223.5	8	.....	.....	7.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]6,928	.....	.....	.....	.....	.....	.....

[a] 4 hours missing.

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.33	60.71	61.40	59.50	59.96	61.34	60.54	19.4	19.2	24	28.5	25.5	23.8	23.4	28.8	18.3	90	91	76	62	74	77	78.3	.....
2..	60.84	61.39	62.10	59.97	60.47	61.65	61.07	21.8	20.8	27.2	29.4	25.6	23.6	24.7	30.5	19.4	89	89	68	59	72	86	77.2	.....
3..	61.24	61.58	62.40	59.87	60.45	62.06	61.27	21.7	19.8	26.4	29.5	24.5	21.4	23.9	30.1	19.1	87	89	69	56	69	86	76	.....
4..	60.95	61.38	62.50	59.97	60.87	62.49	61.36	19.8	19.2	26.3	28.8	25	23.1	23	29.4	18.4	90	90	68	60	70	80	76.3	.....
5..	61.29	61.44	62.45	60.21	60.37	61.99	61.29	22.2	20.8	26	27.6	24.1	21.8	23.8	27.9	19.6	86	91	65	63	70	84	76.5	.....
6..	61.03	61.63	62.84	60.64	61.44	62.29	61.64	20.8	20	24.2	27.1	24.2	22.4	23.1	27.7	19	89	91	69	59	66	77	75.2	.....
7..	61.20	61.37	62.58	60.13	61.50	62.85	61.60	19.2	17.8	25.9	27.4	24	22	22.7	29.5	17	90	92	58	56	67	74	72.8	.....
8..	62.01	62.63	63.50	61.42	62.72	64.30	62.76	19.2	17	25.3	26.2	22.5	19.5	21.6	27.6	16.3	88	90	56	50	65	80	71.5	.....
9..	63.11	63	41	64.49	62.13	62.41	63.82	63.23	18.5	17	24.1	25.6	22	18.9	21	26.6	15.2	80	84	53	49	63	72	66.8	.....
10..	62.35	62.58	63.52	61.30	61.68	62.76	62.36	17.5	16.2	24.4	27.2	23.2	19.6	21.4	28	15.4	80	85	54	50	65	85	69.8	.....
11..	62.08	62.51	63.21	60.62	61.10	62.39	61.98	17.8	17	25	28.1	24.9	21.4	22.4	29.6	16.3	88	90	62	55	66	87	74.7	.....
12..	61.34	61.44	62.24	59.96	60.44	61.50	61.15	21.2	19.4	25.8	29.9	25.5	23.5	24.2	30	18.6	91	91	67	59	70	77	75.8	.....
13..	60.58	60.70	61.91	60.45	60.36	61.36	60.89	22.4	21	26.1	26.5	25.6	23.6	24.2	27.9	20.4	81	88	67	70	75	81	77	.....
14..	60.71	61.10	62.04	59.97	60.89	62.69	61.23	22.2	21.8	28	29	24.6	22	24.6	30.6	20.8	86	86	63	56	71	82	74	.....
15..	61.93	61.92	63.08	61.17	61.83	62.89	62.14	19.5	18.4	26.1	28.1	23.8	20.9	22.8	29.4	17.6	90	90	58	56	69	82	74.2	.....
16..	62.23	62.72	62.98	60.31	61.08	62.13	61.91	19.5	18	24.7	27.4	23.6	20.6	22.3	28.1	17.4	86	90	68	54	62	82	73.7	.....
17..	61.48	61.68	62.69	60.11	60.48	61.37	61.30	19.4	17.5	24	28.2	23.6	20.1	22.1	28.2	16.6	83	93	67	50	64	80	72.8	.....
18..	60.10	60.69	61.77	58.94	59.50	60.62	60.27	18.5	17.4	24	29.7	25	24.2	23.1	30.1	16.6	85	90	67	50	64	66	70.3	.....
19..	59.83	60.18	61.12	58.67	59.71	61.39	60.15	21.6	20	26.7	30.1	26.1	23.9	24.7	30.9	19.4	82	87	64	54	64	77	71.3	.....
20..	60.77	61.10	61.99	59.65	60.43	62.06	61	21	20.1	27.8	29	24	21	23.8	30.2	19.7	91	91	59	57	71	82	75.2	.....
21..	61.51	61.46	62.34	59.68	60.53	62.20	61.29	18.5	17	25	28.1	23.5	19.6	22	29.4	16.3	87	89	57	50	63	80	71	.....
22..	61.20	61.70	63.13	60.33	61.03	62.93	61.72	17.5	15.7	24.7	28.6	23.6	19.2	21.6	29	15.2	90	92	57	48	62	81	71.7	.....
23..	62.12	61.40	62.24	59.86	60.10	61.47	61.20	17.6	18.5	25.6	27.1	24.4	20.9	22.4	29.1	16	88	76	47	46	59	76	65.3	.....
24..	60.38	60.60	61.34	58.44	59.01	61.07	60.14	18.4	17	25.9	29.1	24.6	20.2	22.5	30.4	16	86	88	55	51	63	84	71.2	.....
25..	60.12	60.07	61.04	58.79	59.46	61.19	60.11	18.4	18.1	26.5	28.1	24	20.8	22.6	29.3	17	88	89	55	51	63	78	70.7	.....
26..	60.38	60.51	62.23	60	60.47	61.66	60.88	18.4	18.7	25	27.9	23.6	21.4	22.5	29.1	17.4	86	87	59	50	64	74	70	.....
27..	60.75	61.05	61.91	59.44	59.60	61.14	60.65	18.4	19.4	25.5	28.1	24.1	22	22.9	28.7	18	86	83	58	48	64	76	69.2	.....
28..	60.39	60.75	61.36	58.74	59.11	60.98	60.22	19.8	18.8	25.6	28.8	24.5	22.8	23.4	29.6	18	83	90	60	48	61	71	68.8	.....
29..	60.08	59.66	61.05	58.82	59.55	61.13	60.05	20.5	18.5	25.6	28	23.8	22.5	23.2	28.9	17.7	86	89	61	54	66	70	71	.....
30..	60.01	59.89	60.91	58.27	58.84	60.68	59.77	19.2	18.4	24	28.5	25.4	23.8	23.2	29.2	17.5	88	90	69	57	66	75	74.2	.....
31..	59.95	60.22	61.80	59.50	60.50	61.79	60.63	21.4	20.5	24.8	28.2	24.8	22.6	23.7	28.5	19.5	91	91	72	56	66	78	75.7	.....
Mean	61.04	61.27	62.26	59.90	60.51	61.94	61.15	19.7	18.7	25.5	28.2	24.3	21.7	23	29.1	17.7	86.8	88.8	62.2	54.3	66.3	78.7	72.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	SW	1	Calm	....	NE	2	E	2	E	2	E	1	1.3	6	Ci.	Cu. E	7	Ci.	S.-Cu. E
2..	N	1	N	1	NE	3	E	2	E	2	N	1	1.7	2	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
3..	N	1	N	1	NE	2	ESE	4	ESE	3	N	1	2	3	Ci.	S.-Cu.	4	Ci.	Cu. E
4..	N	1	N	1	NE	2	E	3	ESE	2	NE	2	1.8	2	Ci.	S.-Cu.	6	Ci.	Cu. E
5..	N	1	Calm	....	E	1	E	4	E	3	E	2	1.8	3	Ci.	S.-Cu.	7	Ci.	Cu. NNE
6..	E	1	N	1	N	2	ENE	3	ESE	3	N	1	1.8	8	A.-Cu.	S.-Cu.	7	A.-Cu. E	Cu. NE
7..	N	1	N	1	NE	2	E	4	E	2	NE	2	2	1	Ci.	.....	4	A.-Cu.	Cu. E
8..	N	1	N	1	NNE	5	NNE	5	NE	3	NE	2	2.8	2	Ci.	Cu.	5	A.-Cu.	Cu. NE
9..	N	1	N	1	N	3	NNE	5	NE	4	NNE	2	2.7	5	Ci.	Cu.	4	Ci.	Cu. NE
10..	N	1	N	1	N	2	E	5	E	4	N	1	2.3	3	Ci.	Cu.	3	Ci.	Cu. E
11..	N	1	N	1	N	2	ESE	5	ESE	4	ESE	1	2.3	2	Ci.	S.-Cu.	3	A.-Cu.	Cu. ESE
12..	Calm	....	Calm	....	NW	1	NE	2	E	2	NE	1	1	3	Ci.	Cu.	6	Ci.	Cu. NE
13..	N	1	N	1	N	1	ESE	3	ESE	1	N	2	1.5	4	Ci.	S.-Cu.	9	Ci.-S.	cu.-N. ESE
14..	NW	2	N	1	NE	3	NE	3	E	2	NE	1	2	5	A.-Cu.	Cu.	6	A.-Cu.	Cu. NE
15..	N	1	N	1	NE	2	E	5	ESE	5	NE	2	2.7	2	Ci.	Cu.	3	Ci.	Cu. E
16..	N	1	N	1	N	1	E	3	E	4	E	1	1.8	2	Ci.	.....	5	Ci.	Cu. E
17..	N	1	N	1	NE	1	E	4	E	2	N	1	1.7	5	A.-Cu.	Cu.	5	Ci.	Cu. E
18..	N	1	N	1	N	2	E	3	ESE	3	E	3	2.2	2	Ci.	.....	2	A.-Cu.	Cu. E
19..	N	1	N	1	NE	2	E	3	E	3	N	1	1.8	7	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu. E
20..	N	1	N	1	NE	4	E	4	E	4	E	3	2.8	2	Ci.	Cu.	3	A.-Cu.	Cu. NE
21..	NE	1	NW	1	NE	1	E	3	E	4	N	1	1.8	1	Ci.	.....	5	Ci.	Cu. ENE
22..	N	1	N	1	N	2	NE	3	E	4	NE	1	2	1	Ci.	.....	5	Ci.	Cu. NE
23..	NE	1	NE	2	NE	3	NE	4	NE	2	NE	1	2.2	5	Ci.	Cu.	6	A.-Cu.	Cu. ENE
24..	N	1	N	1	N	2	NE	2	ESE	4	Calm	....	1.7	4	Ci.	.....	6	A.-Cu.	Cu. E
25..	N	1	N	1	NE	1	E	5	E	4	N	1	2.2	3	Ci.	S.-Cu.	3	Ci.	Cu. E
26..	N	1	Calm	....	N	2	E	4	E	4	E	1	2	7	Ci.	Cu. E	6	Ci.	Cu. E
27..	N	1	N	1	N	2	E	3	E	4	E	1	2	9	A.-Cu.	S.-Cu. E	5	Ci.	Cu. E
28..	N	1	Calm	....	N	2	ENE	3	E	4	ENE	1	1.8	7	Ci.	S.-Cu.	5	Ci.	Cu. NE
29..	NW	1	N	1	NE	2	E	4	E	5	N	1	2.3	3	Ci.	.....	6	A.-Cu.	Cu. E
30..	N	1	N	1	N	1	E	2	E	3	Calm	....	1.3	8	Ci.	S.-Cu. E	7	A.-Cu.	Cu. E
31..	NW	1	Calm	....	W	1	ESE	5	ESE	4	S	1	2	9	A.-Cu.	Cu.	7	A.-Cu.	Cu. NE
Mean	.....	1	.....	0.8	.....	2	.....	3.5	.....	3.2	.....	1.3	2	4.1	.....	.....	5.1	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.19	61.60	62.65	60.84	61.24	62.06	61.60	20.8	18.8	25.4	26.1	24.4	21.8	22.9	26.8	18	89	88	61	56	65	73	72	.....
2..	61.08	61.24	62.42	60.39	60.77	61.49	61.23	21	20.6	27.9	28	26	22.4	24.3	30.4	20	78	82	55	58	63	79	69.2	.....
3..	60.15	60.78	61.60	58.77	59.05	60.16	60.08	21.4	21.2	27.4	30.1	26.8	23.8	25.1	31	20.7	84	84	63	58	67	80	72.7	.....
4..	58.94	59.50	60.39	57.83	57.43	59.17	58.88	22	21.5	28.7	31.1	27.8	25.3	26.1	31.2	20.7	91	91	69	59	73	85	78	.....
5..	58.08	59.01	60.09	57.21	57.41	58.77	58.43	23.8	22.6	27.5	32.6	29	24	26.6	32.9	21.9	85	91	72	53	64	87	75.3	0.3
6..	57.76	58.77	60.02	57.12	57.40	59.31	58.40	23.5	23.1	26.7	31	27	23	25.7	31.9	22	91	94	76	50	55	83	74.8	.....
7..	58.43	59.15	60.16	57.99	58.34	60.28	59.06	20.8	19.4	25.5	29.5	25	22.5	23.8	30.1	18.6	91	92	68	50	70	73	74	.....
8..	59.65	60.44	61.91	59.90	60.06	61.92	60.65	19.4	17.7	25.4	29	24.1	23	23.1	29.2	17	90	93	58	52	61	66	70	.....
9..	61.49	61.68	62.85	61.05	61.41	62.56	61.84	19.8	19.2	25	26.9	24.8	22	23	28	18.3	78	83	62	54	65	74	69.3	.....
10..	61.63	61.87	62.30	60.52	61.53	62.54	61.73	19	18	25.7	28.8	24.7	22	23	29.9	17.2	90	90	57	48	64	77	71	.....
11..	61.41	62.13	63.51	60.84	60.73	61.76	61.73	20	19.8	24.8	26.6	24.4	23.4	23.2	27.4	18.9	87	85	66	61	68	74	73.5	.....
12..	60.58	60.73	61.57	59.84	60.61	61.21	60.76	22.2	21.8	26.9	28.5	25.1	22.3	24.5	29	21.4	82	84	62	58	68	78	72	.....
13..	60.41	60.84	61.80	59.40	59.51	60.45	60.40	22.4	21.8	25.8	28.3	26.7	25	25	29.6	21.4	84	87	72	58	64	74	73.2	.....
14..	59.68	60.09	60.58	57.95	58.28	59.89	59.41	22.2	22	27.7	31.3	27.8	24.5	25.9	32.4	21.3	88	87	68	55	62	83	73.8	.....
15..	59.33	60.21	60.83	57.55	58.99	60.50	59.57	22.7	21.6	27.8	33.5	25.1	23.6	25.7	34.1	21.2	87	95	69	48	91	95	80.8	12.7
16..	60.16	61.02	62.68	60.27	61.44	62.86	61.40	23.8	22.1	27.5	29.4	24.5	23.6	25.2	30.2	21.5	93	96	71	57	68	75	76.7	.....
17..	61.89	62.71	63.96	61.23	61.84	63.56	62.53	22	21	25.5	27.4	24	22.6	23.8	29.9	20.3	82	86	59	55	66	76	70.7	.....
18..	62.91	62.91	64.22	61.85	61.99	63.74	62.94	21.6	21.2	23	24.9	22.5	21.4	22.4	25.6	20.6	77	72	66	58	66	73	68.7	.....
19..	62.53	62.66	63.89	61.70	61.96	63.60	62.72	20.2	19	23.5	26.2	22.5	20.6	22	27.1	18.6	80	81	53	50	59	70	65.5	.....
20..	62.82	63.08	64.24	61.55	61.79	63.25	62.79	19.2	19	23.5	26.2	22.3	20.8	21.8	27.8	18	79	77	59	52	65	75	67.8	.....
21..	62.06	62.90	64.37	61.45	61.46	63.20	62.57	18.5	17.4	24	27.6	24	20	21.9	28.5	16.6	85	90	58	50	64	81	71.3	.....
22..	62.72	63.39	64.31	61.33	61.68	63.54	62.83	18.4	16.4	25.1	29	23.6	22.5	22.5	29.2	15.8	86	94	64	53	59	67	70.5	.....
23..	62.81	63.23	64.13	61.40	62.56	64.37	63.08	19	18	26.1	28	23.1	22.6	22.8	28.7	16.9	86	86	52	42	59	66	65.2	.....
24..	63.77	64.38	65.09	62.44	62.94	63.95	63.76	20.4	16.6	25	29.4	25	21.5	23	30.5	15.5	78	90	47	39	58	74	64.3	.....
25..	63.06	63.33	63.99	61.16	62.55	62.70	62.80	19.6	18	26.4	30.4	25.5	23.5	23.9	31	17.3	85	90	59	48	68	77	71.2	.....
26..	62.06	62.41	63.32	60.87	61.17	62.54	62.06	23.6	20.6	26.7	30.6	26.9	24	25.4	31.4	19.8	78	90	68	54	60	77	71.2	.....
27..	62.05	62.68	63.78	60.92	60.98	63.03	62.24	21.5	19	28.2	32.2	27.9	24.5	25.6	33.1	18.1	91	95	63	48	54	71	70.3	.....
28..	62.09	62.41	62.85	60.47	60.93	62.63	61.90	22	21	28	30.6	26.7	24	25.4	32	19.8	82	87	63	50	64	75	70.2	.....
Mean	61.10	61.61	62.63	60.14	60.57	61.97	61.34	21.1	19.9	26.1	29	25.3	22.9	24.1	30	19.2	84.9	87.9	62.9	52.6	64.6	76.4	71.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	N	1	NE	1	N	2	E	2	N	1	1.3	6	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu. NE
2..	N	1	Calm	....	ENE	5	ENE	5	ESE	4	Calm	....	2.5	8	Ci.	Cu. NE	6	Ci.	Cu. ENE
3..	N	1	Calm	....	NE	1	E	4	E	3	E	1	1.7	4	A.-Cu.	Cu. E	6	Ci.	Cu.-N. E
4..	N	1	Calm	....	NE	4	E	2	E	1	Calm	....	1.3	7	Ci.	Cu.-N. E	6	Ci.	Cu.-N. E
5..	NE	1	NE	1	NE	1	SSE	2	SSE	2	Calm	....	1.2	3	Ci.	S.-Cu.	4	Ci.	Cu.-N.
6..	Calm	....	Calm	....	N	2	NW	4	NW	3	NW	2	1.8	5	Ci.	Cu.-N.	4	A.-Cu.	Cu.-N.
7..	N	2	N	1	N	1	E	4	E	3	NE	2	2.2	5	Ci.	S.	3	Ci.	Cu.-N.
8..	N	1	NNW	1	NE	2	E	3	E	4	E	2	2.2	3	Ci.	.....	5	Ci.	Cu. E
9..	N	1	N	1	NE	1	NE	4	E	3	N	1	1.8	6	Ci.	Cu. E	8	Ci.	S.-Cu. E
10..	N	1	N	1	NE	3	NE	3	E	3	N	1	2	5	Ci.	Cu.	7	Ci.	Cu. E
11..	N	1	NE	1	NE	1	NE	3	ENE	2	Calm	....	1.3	6	Ci.	Cu.-N. E	8	Ci.-S.	Cu.-N. E
12..	Calm	....	Calm	....	NE	2	NE	3	E	1	Calm	....	1	9	Ci.-S.	Cu.-N. E	9	Ci.-S.	Cu.-N. E
13..	N	1	N	1	NE	2	NE	1	NE	2	N	1	1.3	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N. E
14..	N	1	N	1	NE	2	E	3	E	3	N	2	2	5	A.-Cu.	Cu. E	4	Ci.	Cu. E
15..	N	1	Calm	....	NE	2	E	2	Calm	....	N	1	1	4	Ci.	Cu.	4	A.-Cu.	Cu. E
16..	N	1	NNW	1	NE	1	E	4	E	4	E	1	2	5	Ci.	S.-Cu.	4	Ci.-Cu.	Cu. NE
17..	N	1	Calm	....	NE	1	E	5	E	4	NE	2	2.2	5	Ci.	Cu. E	7	A.-Cu.	Cu. E
18..	NE	2	NE	3	NE	3	NE	3	E	4	Calm	....	2.5	10	Ci.-S.	Cu.-N.	10	Ci.-S.	CU.-N. ENE
19..	N	1	Calm	....	NE	1	ESE	5	ESE	4	Calm	....	1.8	8	A.-Cu.	Cu. SSW	8	Ci.-S.	Cu. E
20..	W	1	Calm	....	N	2	E	5	E	4	NE	1	2.2	8	A.-Cu. SW	Cu.	8	A.-Cu.	Cu. E
21..	N	1	N	1	N	1	E	4	E	1	N	1	1.5	4	Ci.	Cu.	7	A.-Cu.	Cu. E
22..	N	1	N	1	N	1	NE	2	E	5	NE	2	2	4	Ci.	S.-Cu.	5	Ci.	Cu.-N.
23..	N	1	Calm	....	N	3	ESE	5	ESE	5	Calm	....	2.3	4	Ci.	Cu.	2	A.-Cu.	Cu. E
24..	Calm	....	NE	1	NE	3	E	4	E	4	NE	1	2.2	2	Ci.	.....	2	A.-Cu.	Cu. E
25..	N	1	N	1	NE	2	ESE	4	ESE	5	NE	1	2.3	4	Ci.	Cu. E	3	Ci.	Cu. E
26..	NE	1	NE	1	NE	2	E	5	E	3	NE	1	2.2	7	Ci.	S.-Cu. NE	3	A.-Cu.	Cu. E
27..	N	1	N	1	NE	3	NE	2	E	4	NE	1	2	3	Ci.	Cu.	1	A.-Cu.	Cu. NE
28..	N	1	N	1	NE	3	E	5	E	3	E	1	2.3	2	Ci.	.....	2	A.-Cu.	Fr.-Cu. E
Mean	.....	1	.....	0.7	.....	2	.....	3.5	.....	3.1	.....	0.9	1.9	5.4	.....	.....	5.5	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MARCH, 1918.

Day	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	62.11	61.90	62.29	60.47	60.95	62.55	61.71	21.2	19	28	30.1	26.6	24.8	25	31.4	18.2	85	96	60	46	58	72	69.5	.....
2..	62.04	62.72	63.72	61.84	63.02	64.54	62.98	21.4	19.1	27.8	29.5	25.5	23.8	24.5	30.9	18.5	91	93	53	46	58	61	67	.....
3..	64.23	64.72	65.17	62.98	63.19	64.69	64.16	19.8	18	28.6	29.5	24.5	22	23.7	31	17.5	83	90	51	50	64	74	68.7	.....
4..	63.92	64.23	64.64	61.42	62.19	63.44	63.31	19.5	18.8	27.1	31.3	26.5	24.5	24.6	31.9	18	84	87	53	44	62	71	66.8	.....
5..	62.61	62.92	63.67	61.41	61.57	62.86	62.51	21	20	28.9	31	26.1	24	25.2	32.1	19	86	91	57	50	57	65	67.7	.....
6..	62.37	62.68	63.62	60.88	61.39	62.74	62.28	20.5	18.4	27.5	31.9	26.6	25	25	32.4	17.8	86	90	57	47	61	62	67.2	.....
7..	61.99	62.51	62.92	60.51	60.79	62.19	61.82	22.5	19.4	27.6	30.6	26.1	24.5	25.1	31.5	18.6	78	88	56	51	58	64	65.8	.....
8..	61.33	61.15	61.87	58.78	59.34	60.54	60.50	20.2	18.2	27.1	31.4	27	25	24.8	32.1	17.5	89	90	57	46	61	68	68.5	.....
9..	59.51	59.63	60.74	57.78	58.21	60.06	59.32	22	20.9	28.4	32.6	27	24.5	25.9	32.9	20.3	82	87	62	53	63	75	70.3	.....
10..	59.08	59.24	60.47	58.06	58.19	61.20	59.37	22.8	21.6	28.4	28.5	26.1	22.5	25	33	21	84	91	62	70	71	96	79	28.5
11..	60.03	59.84	61.37	59.04	59.93	60.96	60.20	22.4	22	26.2	30.5	26.5	22.6	25	31.4	21.5	96	96	73	57	69	91	80.3	1.5
12..	59.91	60.14	61.40	58.87	59.11	60.52	59.99	21.5	20.5	27	30.4	26.2	23.8	24.9	31.4	19.5	95	95	68	54	67	80	76.5	.....
13..	59.54	59.68	61	58.58	58.95	60.63	59.73	21.8	21.4	27	30	26	24.2	25.1	30.6	20.5	89	91	70	59	69	81	76.5	.....
14..	59.68	59.88	60.82	57.91	58.51	59.91	59.45	22.8	20.8	27.2	31.6	24.1	23.4	25	32.6	20.4	84	94	65	48	91	91	78.8	13.7
15..	59.03	59.49	61.13	58.38	59.31	61.31	59.78	22.5	21.9	25.4	31.2	25.7	23.5	25	32	21	95	96	80	50	71	84	79.3	.....
16..	60.68	61.09	62.31	59.71	59.89	62.24	60.99	21.8	21	25	30.4	25.5	22.8	24.4	30.5	20.6	91	93	78	54	61	84	76.8	1.3
17..	61.16	61.71	62.90	60.73	61.48	62.99	61.83	21.5	20.5	25.8	30	25	22.5	24.2	30.4	20	92	93	69	54	68	79	75.8	.....
18..	62.31	62.58	63.52	61.05	61.25	62.80	62.25	21	19.1	27.3	31	26.4	23.9	24.8	31.4	18.5	85	93	62	51	63	76	71.7	.....
19..	61.85	62.22	63.33	60.65	59.91	61.59	61.59	21.4	19.4	27.2	30.7	29.6	24.1	25.4	32.4	19	87	92	65	52	55	78	71.5	.....
20..	60.71	61.14	61.89	59.10	59.21	61.10	60.52	21.5	19.6	27.8	31.9	28.8	23.2	25.5	32.1	19.1	87	92	59	44	54	76	68.7	.....
21..	59.71	59.94	60.88	57.97	57.84	60.13	59.41	21	20.6	28.2	31.3	28.7	23	25.5	33	19.9	87	85	53	41	53	71	65	.....
22..	59.97	60.18	61.42	58.36	58.44	60.96	59.89	20.8	19.2	27	32.8	28.2	23.8	25.3	33.4	18.8	83	88	66	40	53	72	67	.....
23..	60.01	60.35	60.64	57.79	57.52	59.13	59.24	21.7	20.2	28.2	32.6	28.5	24	25.9	33.1	19.6	85	91	60	47	57	72	68.7	.....
24..	58.65	58.72	59.74	57.18	56.88	59.27	58.41	21.2	19.7	28.7	33.9	30.4	25.4	26.6	34.4	19	89	89	61	46	54	76	69.2	.....
25..	59.03	59.36	60.31	57.69	57.62	59.54	58.92	23.4	21.9	30.5	35	30	27	28	35.6	21.2	88	91	63	44	56	73	69.2	.....
26..	59	59.70	60.66	57.64	58.80	61.08	59.48	24.5	23	30.4	35.6	23.8	24	26.9	36	22.4	87	91	65	47	89	89	78	25.9
27..	60.02	60.71	61.89	59.74	59.80	61.07	60.54	23.2	22.5	28.1	29.5	27.5	25.4	26	30.6	22	94	95	70	59	66	74	76.3	.....
28..	60.58	60.71	61.61	58.97	58.56	60.52	60.16	22.2	22	29.1	31.1	26.9	24	25.9	31.5	21.1	89	91	64	54	66	80	74	.....
29..	60.46	60.88	61.42	58.72	58.64	60.93	60.18	22	21.4	28.5	31.5	27.5	24.5	25.9	32	20.7	91	93	64	48	58	75	71.5	.....
30..	60.02	60.42	60.77	58.61	59.03	61.09	59.99	22.4	21	29.5	31.4	27.6	25.4	26.2	32.1	20.5	88	91	61	52	64	70	71	.....
31..	60.58	60.82	61.28	59.22	59.54	61.35	60.46	22.5	21.4	29.8	31.2	27.4	25.4	26.3	32	20.9	87	89	56	50	60	73	69.2	.....
Mean	60.71	61.01	61.92	59.36	59.65	61.42	60.68	21.7	20.4	27.8	31.3	26.8	24.1	25.4	32.2	19.8	87.6	91.4	62.6	50.1	63.1	75.9	71.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70.9

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	N	1	N	1	NE	2	ESE	4	ESE	3	E	2	2.2	2	Ci.	.....		3	Ci.	Cu.
2..	NE	1	N	1	E	4	E	6	E	5	E	2	3.2	5	Ci.	Cu.	E	4	A.-Cu.	Cu. E
3..	N	1	N	1	NE	2	ESE	6	ESE	6	ESE	2	3	2	Ci.	Cu.		2	A.-Cu.	Cu.
4..	N	1	N	1	NE	3	E	4	E	4	E	1	2.3	1	Ci.	.....		2	A.-Cu.	Cu. E
5..	E	1	N	1	NE	3	ESE	6	E	4	E	2	2.8	3	Ci.	Cu.		3	Ci.	Cu. E
6..	N	1	N	1	E	1	E	3	E	3	E	4	2.2	3	Ci.	.....		4	Ci.	Cu.
7..	N	1	NW	1	E	1	E	3	E	3	E	2	1.8	2	Ci.	Cu.		6	Ci.	Cu. E
8..	N	1	N	1	N	1	NE	2	E	4	E	1	1.7	2	Ci.	S.-Cu.		7	A.-Cu.	Cu. ENE
9..	N	1	NW	1	NE	2	E	2	E	4	E	2	2	1	Ci.	Cu.		6	Ci.	Cu. E
10..	N	1	N	1	N	2	NE	2	E	2	N	2	1.7	4	Ci.	Cu.	NE	8	Ci.-S.	cu.-N. NE
11..	N	1	N	1	N	1	NE	2	NE	4	N	1	1.7	6	Ci.	Cu.-N.		6	Ci.	cu.-N. NE
12..	N	1	NNW	1	NNW	2	NE	1	E	4	N	1	1.7	2	A.-Cu.	Cu.		5	A.-Cu.	Cu. NE
13..	NW	1	NW	1	ENE	2	NE	4	E	4	NW	2	2.3	8	Ci.-S.	Cu.	NE	6	Ci.	Cu. ENE
14..	NW	1	NE	1	NE	1	NNW	2	Calm	....	NW	2	1.2	5	Ci.	S.-Cu.		5	A.-Cu.	Cu.
15..	NW	1	Calm	....	N	2	SW	3	N	4	NW	3	2.2	9	Ci.-S.	Cu.	NW	3	A.-Cu.	Cu.-N.
16..	NW	1	Calm	....	NW	1	SW	1	SSE	3	ESE	2	1.3	6	Ci.	S.-Cu.		6	Ci.	Cu.-N.
17..	N	1	N	1	NE	2	ESE	3	ESE	4	NE	2	2.2	3	Ci.	S.-Cu.		4	A.-Cu.	Cu.-N.
18..	NE	1	N	1	E	3	E	3	ESE	4	E	1	2.2	1	Ci.	Cu.		3	A.-Cu.	Cu.
19..	N	1	Calm	....	E	1	E	1	E	1	NW	1	.8	1	Ci.	.....		5	A.-Cu.	Cu. E
20..	N	1	Calm	....	NE	2	NE	2	E	1	NE	1	1.2	5	Ci.	Cu.	NE	4	A.-Cu.	Cu. NE
21..	NE	1	Calm	....	NE	3	E	2	E	1	E	2	1.5	2	Ci.	Cu.		1	.....	Cu.
22..	E	1	Calm	....	NW	1	NW	2	E	3	E	1	1.3	2	Ci.	S.		1	.....	Cu.
23..	N	1	N	1	SE	2	S	2	E	1	SE	1	1.3	2	Ci.	Cu.		3	Ci.	Cu. SSW
24..	N	1	N	1	SW	1	SW	2	SW	2	S	1	1.3	1	.....	S.		1	A.-Cu.	.....
25..	S	1	Calm	....	SW	2	SW	2	SW	1	Calm	....	1	2	Ci.	.....		3	A.-Cu.	Cu. SW
26..	SW	1	Calm	....	NE	2	S	1	NE	2	NW	1	1.2	3	Ci.	S.		4	A.-Cu.	Cu. SE
27..	N	1	N	1	ENE	2	ESE	3	ENE	2	ENE	2	1.8	5	Ci.	Cu.-N.		7	Ci.-S.	Cu.-N.
28..	N	1	Calm	....	E	2	E	4	E	2	NW	1	1.7	6	Ci.-S.	Cu.-N.	E	6	Ci.	Cu. E
29..	NW	1	NW	2	N	2	SE	3	E	3	N	1	2	6	A.-Cu.	S.-Cu.		3	A.-Cu.	Cu.
30..	N	1	NE	1	NE	1	ESE	5	ESE	4	E	2	2.3	4	Ci.	Cu.	NE	2	A.-Cu.	Cu.
31..	N	1	N	1	ENE	4	E	4	ESE	4	E	1	2.5	2	Ci.	S.-Cu.		5	A.-Cu.	Cu. E
Mean	.....	1	.....	0.7	.....	1.9	.....	2.9	.....	3	.....	1.6	1.9	3.4	.....	.....		4.1	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.38	60.80	61.39	59.02	59.03	60.63	60.21	22.6	21	29.1	31.1	27.7	24.4	26	32	20.4	88	91	62	51	62	75	71.5	.....
2..	59.91	60.13	60.49	58.37	58.54	59.79	59.54	21.8	20.4	30	31.8	27.5	25.5	26.2	32.4	19.6	87	91	55	51	63	72	69.8	.....
3..	58.91	59.53	59.87	58.02	58.12	59.62	59.01	22.2	20.4	30	31	27.4	25.5	26.1	31.6	20	91	91	59	50	57	68	69.3	.....
4..	59.06	59.88	60.54	58.41	58.84	60.10	59.47	22.8	22	29	31	27.3	25.5	26.3	31.9	21.3	88	88	61	50	58	71	69.3	.....
5..	58.96	59.67	60.61	58.40	58.17	60.09	59.32	23.7	22	29.8	32.1	28	25.5	26.8	32.5	21.3	81	87	56	48	57	68	66.2	.....
6..	58.91	59.37	59.53	56.55	57.14	59.34	58.47	23.5	20.5	29.5	34	29	25.5	27	34.6	20	80	91	56	43	58	72	66.7	.....
7..	58.63	58.84	59.42	55.88	55.80	58.84	57.90	23.2	22	29.4	33.6	31.5	26.8	27.8	35.1	21.1	83	89	59	48	54	64	66 2	.....
8..	58.04	58.46	59.19	56.78	56.69	58.97	58.02	24.6	24	30.6	33	31.5	28.4	28.7	35.5	23.5	79	86	59	50	50	64	64.7	.....
9..	58.64	58.93	60.22	57.31	56.68	59.72	58.58	25.4	23.6	29.7	34	32.2	26.5	28.6	35.2	23	76	88	61	47	45	63	63.3	.....
10..	58.96	59.66	60.17	57.38	56.84	60.07	58.85	23.8	23.1	30.1	34.3	32.1	27.8	28.5	36	22.6	81	85	59	46	46	65	63.7	.....
11..	58.84	59.06	59.94	56.91	56.97	59.02	58.46	25.1	23.1	30.6	33.1	29.5	27.6	28.2	35.2	22.2	76	90	58	49	58	66	66.2	.....
12..	58.01	57.98	58.72	55.63	55.37	57.64	57.22	25	23.4	29.8	34.4	32.3	27.4	28.7	35	22.9	80	86	57	36	48	64	61.8	.....
13..	56.74	56.57	57.66	55.13	55.32	57.78	56.53	25.2	22.6	30.1	33.5	30	27.5	28.2	34.8	22	77	86	63	48	65	75	69	.....
14..	56.90	57.62	58.13	55.33	56.22	58.59	57.13	26	25.1	30.1	34.1	30.5	26.5	28.7	35.2	24.7	84	91	65	47	62	80	71.5	.....
15..	57.97	58.61	59.19	56.64	56.96	59.14	58.08	26	25.1	28.8	33	28.6	27	28.1	34	24.1	80	84	69	53	69	73	71.3	.....
16..	58.61	59.32	59.94	57.48	57.73	59.51	58.76	26	25.2	29.4	34	28.5	26.3	28.2	34.4	24.8	79	82	65	49	64	70	68.2	.....
17..	59.04	60.11	60.41	57.88	58.52	60.71	59.44	25.4	24.1	31	34	28	26	28.1	34.5	23.5	76	84	58	47	63	76	67.3	.....
18..	59.86	60.93	61.32	59.39	60.12	61.79	60.57	25.5	23	30.6	32.3	28	26	27.6	33.1	22.7	77	88	57	48	60	70	66.7	.....
19..	60.84	61.55	62.07	59.60	60.26	62.14	61.08	25	21.6	30.4	33.4	28.4	26.6	27.6	33.5	21.1	76	89	54	45	58	71	65.5	.....
20..	60.95	61.59	62.07	59.43	59.74	61.84	60.94	25.6	22.2	30.4	33.6	29.1	25.6	27.8	34.4	21.6	75	86	53	44	56	71	64.2	.....
21..	60.52	61.15	61.52	59.60	59.03	60.99	60.47	23.4	21.5	30.8	33.4	30	26	27.5	33.5	20.9	80	91	51	45	50	65	63.7	.....
22..	59.48	59.93	60.56	57.38	58.85	60.80	59.50	23.8	21.6	30.5	35.9	27	24.1	27.2	36.4	21	80	90	56	43	78	84	71.8	.....
23..	59.38	59.83	60.60	58.88	59.44	61.62	59.96	23	22	31.8	33.5	29.4	27	27.8	33.8	21.1	91	96	60	51	64	73	72.5	.....
24..	60.74	61.11	61.55	59.84	60.37	61.99	60.93	24.5	22.5	31	32	28.6	26.5	27.5	34.4	21.8	87	91	54	55	68	82	72.8	0.3
25..	60.89	61.46	61.93	59.97	59.80	60.71	60.79	25	23.5	30.1	32.5	28.5	26	27.6	33	23	88	91	68	55	68	80	75	.....
26..	59.54	59.78	60.43	57.80	58.02	60.57	59.36	24.2	23.4	31.9	34	29.2	24.5	27.9	35.4	22.6	90	92	59	51	67	92	75.2	.3
27..	59.10	58.87	59.04	57.19	58.02	59.86	58.68	24.2	23.6	28	32	29.4	26	27.2	32.9	23.2	93	97	81	62	68	78	79.8	.....
28..	58.02	58.98	58.72	56.94	57.41	59.20	58.21	24	23	31.8	33.5	30	26.4	28.1	35	22.5	91	91	59	54	60	75	71.7	.....
29..	59.21	59.61	60.15	57.73	58.04	59.61	59.06	23.6	21.6	31.5	35.5	31.4	25.2	28.1	36.6	21.2	91	95	60	41	44	71	67	.....
30..	59.98	60.09	60.71	58.49	58.61	60.01	59.65	22.5	21.5	30.4	33	29	26.4	27.1	34	21.2	87	90	63	52	62	69	70.5	.....
Mean	59.17	59.65	60.20	57.78	58.02	60.02	59.14	24.2	22.6	30.2	33.2	29.3	26.2	27.6	34.2	22	83.1	89.2	59.9	48.6	59.4	72.2	68.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.6

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NE	1	Calm	....	NE	1	E	5	E	4	E	1	2	4	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
2..	N	1	N	1	E	4	E	4	E	2	N	1	2.2	2	Ci.	.....	6	A.-Cu.	Cu. E
3..	N	1	N	1	E	4	E	5	E	4	E	3	3	3	Ci.	Cu.	3	A.-Cu.	Cu. E
4..	E	1	N	1	E	3	ESE	5	ESE	3	E	1	2.3	3	Ci.	S.-Cu. E	5	A.-Cu.	Cu. E
5..	Calm	....	N	1	E	4	ESE	4	ESE	4	ESE	1	2.3	1	Ci.	S.	3	A.-Cu.	Cu.
6..	N	1	N	1	SE	1	SE	3	E	3	E	1	1.7	1	Ci.	.....	1	A.-Cu.	Cu.
7..	N	1	N	1	N	1	ESE	1	Calm	....	N	1	.8	2	Ci.	Cu.	4	A.-Cu.	Cu. E
8..	N	1	N	1	NE	2	NE	2	SE	1	Calm	....	1.2	3	Ci.	Cu.	5	A.-Cu.	Cu. E
9..	N	1	N	1	E	2	E	2	E	1	N	1	1.3	8	Ci.	Cu. E	5	A.-Cu.	Cu. E
10..	N	1	NW	1	N	1	E	2	N	3	N	1	1.5	2	Ci.	S.	4	A.-Cu.	Cu. ESE
11..	N	1	N	1	NE	2	NE	2	E	3	N	2	1.8	3	Ci.	Cu.	5	Ci.	Cu. NE
12..	NW	1	NW	1	N	2	N	2	N	2	N	1	1.5	8	Ci.-S.	Cu. NNE	6	Ci.	Cu. NNE
13..	N	1	N	1	NW	1	NW	2	SW	2	N	2	1.5	8	Ci.	Cu. N	6	Ci.	Cu. N
14..	Calm	....	Calm	....	WNW	1	NW	2	NW	2	NW	2	1.2	8	Ci.	cu.-N. NW	5	Ci.	Cu. NW
15..	N	1	N	1	SW	1	SW	2	S	2	NE	2	1.5	7	Ci.	S.-Cu.	6	Ci.	Cu. WSW
16..	Calm	....	Calm	....	S	1	S	2	E	3	NE	2	1.3	7	Ci.	Cu. SW	6	Ci.	Cu. SW
17..	NE	1	SE	1	SE	2	S	3	E	4	NE	1	2	6	Ci.	Cu. S	3	Ci.	Cu.
18..	NE	1	Calm	....	NE	4	E	4	E	3	E	1	2.2	7	Ci.	S.	4	Ci.	Cu. E
19..	N	1	N	2	E	4	E	4	E	3	E	1	2.5	4	Ci.	S.	3	Ci.	Cu. E
20..	N	1	N	1	NE	2	E	3	E	3	E	1	1.8	2	Ci.	Cu.	2	Ci.	Cu. E
21..	N	1	N	1	E	3	E	4	E	3	E	2	2.3	2	Ci.	.....	2	A.-Cu.	Cu. E
22..	NE	1	NE	1	NE	2	E	2	E	1	NE	2	1.5	3	Ci.	Cu.	5	Ci.	Cu.-N. E
23..	N	1	N	1	E	3	ESE	5	ESE	5	ESE	1	2.7	2	Ci.	.....	3	A.-Cu.	Cu. ESE
24..	N	1	N	1	E	2	E	6	E	4	E	1	2.5	3	Ci.	Cu.	5	Ci.	Cu.-N. E
25..	NE	1	N	1	ENE	1	ENE	4	E	3	ENE	2	2	4	Ci.	Cu. NE	6	A.-Cu.	Cu. ENE
26..	NE	1	N	1	NE	3	ESE	5	ESE	3	NE	1	2.3	5	Ci.	Cu. E	4	Ci.	Cu.-N.
27..	N	1	N	1	N	1	ESE	1	ESE	2	ESE	2	1.3	9	Ci.-S.	Cu.-N.	8	Ci.	cu.-N. ESE
28..	N	1	N	1	ESE	3	ESE	5	ESE	3	N	2	2.5	7	Ci.-S.	S.-Cu. E	5	Ci.	Cu. ESE
29..	N	1	N	1	N	2	NE	2	E	4	E	1	1.8	4	Ci.	Cu.	5	Ci.	Cu. ENE
30..	N	1	N	1	E	4	E	5	E	4	E	3	3	1	.....	Cu.	4	Ci.	Cu. E
Mean	.....	0.9	.....	0.9	.....	2.2	.....	3.3	.....	2.8	.....	1.4	1.9	4.3	.....	.....	4.5	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.54	59.84	60.27	57.79	57.67	59.69	59.13	21.7	20	31.1	34.9	30.5	27.2	27.6	35.5	19.4	85	92	50	47	58	73	67.5	.....
2..	58.46	59.07	59.27	57.14	57.42	58.74	58.35	24.2	23.2	32.5	34	30	27.5	28.6	35.1	22	86	86	54	51	65	69	68.5	.....
3..	58.40	59.19	59.70	57.84	58.14	59.78	58.84	24.5	21.7	32.3	33.1	29.6	27.5	28.1	35.1	21.2	82	90	52	51	62	70	67.8	.....
4..	58.94	59.87	60.37	57.69	58.10	60.59	59.26	25	23.2	32.5	35.3	32	27	29.2	36.4	22.5	83	90	53	38	53	77	65.7	.....
5..	59.81	60.16	60.35	58.22	58.72	60.09	59.56	26	23	32	35.2	30.5	27.5	29	35.3	22.5	76	91	51	43	62	66	64.8	.....
6..	59.06	59.32	59.96	57.54	57.52	59.59	58.83	24.2	23	32	34.1	30.4	26.7	28.4	34.4	22.3	83	83	52	45	60	71	65.7	.....
7..	58.36	58.86	59.40	56.08	56.45	58.34	57.92	24.6	22.1	32.5	34.8	31.5	28.4	29	36.8	21.5	79	90	52	42	54	68	64.2	.....
8..	57.07	57.39	57.90	55.33	55.59	57.79	56.84	27	24.5	33	36	29.2	27	29.4	36.4	24	73	87	52	44	76	84	69.3	0.3
9..	56.67	56.81	57.77	54.87	56.59	59.34	57.01	25.5	24.5	31.6	36.4	29.5	25.4	28.8	37.2	24	88	93	60	43	69	92	74.2	11.2
10..	57.94	58.21	58.84	58.31	58.16	60.04	58.58	25	24.5	29.7	28	25	25	26.2	35	23.5	95	96	77	74	92	96	88.3	21.8
11..	58.96	59.21	59.71	57.70	57.92	59.81	58.88	24.2	23.5	29.9	33.4	30.4	26.4	28	34	23.1	98	99	72	50	56	76	75.2	.....
12..	58.46	58.97	59.77	58.16	58.17	59.09	58.77	24.5	23.4	31	33.2	29.6	27.4	28.2	34.5	22.5	87	92	58	54	64	74	71.5	.....
13..	58.34	58.82	59.73	58.32	58.88	60.33	59.07	25	23.5	31	29.2	28.5	26.4	27.3	33.6	23	83	93	59	75	67	78	75.8	1.4
14..	59.67	60.35	60.25	58.63	59.04	60.49	59.74	26	25.4	31	33.2	29.5	27.5	28.8	33.8	24.6	84	87	62	54	68	75	71.7	.....
15..	59.96	60.39	60.12	57.87	57.91	59.97	59.37	25.4	24.5	32	34.9	31	27.7	29.2	35.4	24	88	91	54	50	57	75	69.2	.....
16..	58.91	59.66	59.12	56.55	56.91	58.37	58.25	26.5	25.3	32	34.9	31	27.2	29.5	35.6	24.1	83	89	60	44	59	71	67.7	.....
17..	57.46	58.03	58.02	56.01	56.14	58.99	57.44	24.5	23.9	31.8	35.4	32.1	27.4	29.2	35.8	22	87	86	58	47	57	81	69.3	.....
18..	57.81	58.28	58.67	56.78	57.32	59.03	57.98	26	25	31.4	34.9	30.6	28	29.3	35.1	24.6	85	92	60	50	62	77	71	.....
19..	58.34	58.76	58.69	56.44	57.02	59.53	58.13	25	24.5	32.1	34.9	32	26.8	29.2	36.2	23.5	92	96	60	51	65	88	75.3	.....
20..	58.31	58.80	59.17	56.93	56.71	58.57	58.08	26.4	25.5	32.1	35.5	31.5	28.2	29.9	36.4	24.5	89	93	58	44	53	69	67.7	.....
21..	57.57	58.30	58.45	56.28	56.45	58.84	57.65	25.5	24	32.9	35.6	33	28.5	29.9	36.4	23	80	90	56	44	50	64	64	.....
22..	58.09	58.57	59.09	56.74	56.81	58.86	58.03	27.5	25.1	32.4	35.6	32	26.4	29.8	36.6	24.2	73	85	58	45	63	89	68.8	.....
23..	58.52	58.77	59.10	56.26	56.27	58.11	57.84	26	25.2	31.2	35.5	27	26.2	28.5	36	24.6	92	90	69	49	90	95	80.8	3.6
24..	57.57	58.07	57.96	55.62	55.99	57.76	57.16	25.4	26	31.8	34.7	27.2	26.5	28.6	36.4	24.8	95	96	64	50	87	93	80.8	4.3
25..	57.11	57.76	58.49	55.93	55.75	58.46	57.25	25.2	24.7	30.9	35.4	31.1	26.4	29	35.9	24	97	97	69	45	59	81	74.7	.....
26..	57.59	57.81	58.72	57.56	57.42	58.91	58	24	23.6	31.5	28.6	28.8	26	27.1	35.1	22.5	91	97	62	83	86	94	85.5	8.4
27..	57.94	58.65	58.97	57.66	57.81	59.59	58.44	25.8	24.7	30.8	25	26	24.8	26.2	32.5	24	97	97	69	96	94	97	91.7	41.4
28..	58.76	59.15	59.34	57.04	56.83	59.12	58.37	24.4	24.2	30.2	34.1	29.2	27	28.2	34.5	23.1	97	98	74	64	81	89	83.8	.....
29..	57.96	58.49	58.56	56.59	58.60	60.11	58.38	26	25.4	31	35.6	25	24.4	27.9	35.9	24	95	97	75	59	95	97	86.3	19
30..	59.76	59.81	59.97	57.66	57.75	59.83	59.13	24	23.4	30.2	33	30.8	23.5	27.5	34.2	22.8	96	97	76	58	71	93	81.8	4.8
31..	59.28	59.84	59.34	57.58	58.16	60.26	59.08	23.6	23.5	30	34	30.8	25.5	27.9	34.4	23	93	95	69	51	74	84	77.7	.3
Mean	58.41	58.88	59.20	57.07	57.36	59.29	58.37	25.1	24	31.5	33.8	29.8	26.7	28.5	35.3	23.2	87.5	92.1	61.1	52.9	68	80.8	73.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116.5

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	N	1	NE	3	E	3	E	3	E	2	2.2	2	Ci.	Cu.	3	Ci.	Cu. E
2..	N	1	NE	1	E	4	ESE	5	ESE	5	ESE	3	3.2	2	Ci.	.....	4	A.-Cu.	Cu. ESE
3..	NE	1	N	1	E	3	E	5	E	4	E	3	2.8	2	Ci.	Cu.	3	Ci.	Cu.-N.
4..	N	1	N	1	E	4	E	4	E	2	E	2	2.3	5	Ci.	Cu. E	3	A.-Cu.	Cu. E
5..	E	1	N	1	E	3	ESE	5	ESE	4	E	4	3	3	Ci.	Cu.	4	Ci.	Cu.-N.
6..	E	2	N	1	E	3	E	4	E	3	NE	1	2.3	2	Ci.	Cu. E	3	Ci.	Cu. E
7..	N	1	N	1	E	3	E	2	E	2	N	2	1.8	1	Ci.	.....	5	A.-Cu.	Cu. E
8..	N	1	N	1	E	4	E	2	E	1	E	1	1.7	3	Ci.	Cu.	3	Ci.	Cu.-N.
9..	N	1	Calm	....	E	2	S	3	NE	3	N	3	2	4	Ci.	S.-Cu. SE	4	Ci.	Cu. S
10..	N	1	Calm	....	E	1	SE	4	N	1	Calm	....	1.2	4	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N. SE
11..	N	1	N	1	ESE	2	E	3	E	3	E	2	2	8	Ci.	Cu.	4	Ci.	Cu.-N.
12..	N	1	N	1	E	2	E	2	E	1	E	2	1.5	2	Ci.	Cu.	5	Ci.	Cu. E
13..	N	1	N	1	NE	2	ESE	3	ESE	3	ESE	1	1.8	6	Ci.	Cu.	8	Ci.-S.	Cu.-N ESE
14..	NE	1	NE	1	E	4	E	3	E	2	E	1	2	10	Ci.-S.	Cu.-N. ESE	4	Ci.	Cu.-N.
15..	NE	1	NE	1	E	2	E	4	E	3	NE	1	2	2	Ci.	Cu.	3	Ci.	Cu. E
16..	NE	1	Calm	....	E	2	ESE	3	ESE	2	E	1	1.5	2	Ci.	Cu.	2	Ci.	Cu.
17..	N	1	E	1	E	3	ESE	3	ESE	2	E	1	1.8	1	Ci.	.....	3	Ci.	Cu.
18..	NE	1	NE	1	E	3	E	3	E	2	E	1	1.8	6	Ci.	Cu. E	5	Ci.	Cu. E
19..	NE	1	N	1	E	2	SE	2	E	1	NW	3	1.7	3	Ci.	Cu.	5	Ci.	Cu.-N.
20..	N	1	Calm	....	E	2	E	3	ESE	3	E	1	1.7	3	Ci.	Cu.	3	Ci.	Cu. E
21..	N	1	N	1	E	2	E	2	E	1	E	2	1.5	1	Ci.	Cu.	3	Ci.	Cu. E
22..	Calm	....	N	1	N	2	NE	2	N	4	SE	2	1.8	5	Ci.	Cu. NE	4	Ci.	Cu. E
23..	NW	1	Calm	....	NW	2	NW	2	Calm	....	Calm	....	.8	6	Ci.	Cu. NW	4	Ci.	Cu.-N.
24..	NW	1	Calm	....	NW	2	WNW	2	NW	2	NW	1	1.3	8	Ci.	Cu. NW	5	A.-Cu.	Cu. NW
25..	NW	1	Calm	....	SW	2	SW	2	SW	3	SW	1	1.5	5	Ci.	Cu.	3	Ci.	Cu. SW
26..	N	1	N	1	SW	2	SW	4	SW	1	SW	2	1.8	2	Ci.	Cu.	10	Ci.-S.	Cu.-N. sw
27..	SW	2	Calm	....	SW	2	S	3	S	2	S	1	1.7	4	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N. sw
28..	S	1	Calm	....	S	1	S	1	S	2	S	1	1	2	Ci.	Cu.	5	Ci.	Cu.-N. sw
29..	S	1	Calm	....	S	1	S	2	S	2	S	1	1.2	2	Ci.	.....	5	Ci.	Cu.-N. sw
30..	S	1	Calm	....	S	1	NE	2	Calm	....	N	2	1	4	Ci.	Cu.	5	Ci.	Cu.-N.
31..	N	1	NE	1	N	2	S	2	NW	4	E	1	1.8	2	Ci.	Cu.-N.	3	Ci.	Cu.-N.
Mean	.....	1	.....	0.6	.....	2.4	.....	2.9	.....	2.3	.....	1.6	1.8	3.6	.....	.....	4.4	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.09	60.63	60.50	58.37	58.59	60.29	59.74	25	24.8	30.7	34.1	29.6	27	28.5	34.1	23.7	93	93	64	53	61	77	73.5	.....
2..	59.34	59.85	59.85	57.40	58.43	59.89	59.13	25.2	23.6	31	34.8	29.4	25.4	28.2	35	23	90	93	65	51	64	84	74.5	.....
3..	58.96	59.15	58.87	56.73	57.12	59.09	58.32	24.2	23.7	31.2	34.1	30.6	27.5	28.6	34.6	23	93	96	61	46	58	75	71.5	.....
4..	58.21	58.34	58.53	56.43	56.72	58.50	57.79	26	25	30.5	33.6	30.5	27.5	28.8	34.4	24.3	84	90	62	50	58	72	69.3	.....
5..	57.69	57.87	57.34	55.80	56.47	57.52	57.12	25.4	23.9	28.5	33.4	30.6	24	27.6	33.6	23.3	84	92	71	56	62	93	76.3	4.1
6..	56.31	56.27	56.19	54.60	55.17	57.37	55.98	23.8	23.5	30.6	32.5	29.1	26	27.6	33	22.5	93	93	67	58	74	92	79.5	4.1
7..	56.34	56.86	57.11	55.85	56.75	58.90	56.97	24.6	24	30.4	31.2	26	25.6	27	33.2	23.5	95	97	66	68	95	95	86	17
8..	58.04	58.86	59.54	58.12	58.53	60.44	58.92	25.2	25.1	30	31.4	27	25	27.3	32.2	24.4	95	95	69	63	84	90	82.7	1
9..	58.96	59.47	59.94	58.39	58.74	60.05	59.26	24.4	23.6	30	32.1	28	26.4	27.4	33.5	22.8	93	96	69	60	74	86	79.7	.....
10..	59.20	59.21	58.97	57.22	57.47	58.37	58.41	24.8	24.5	29.4	32.7	27.8	25	27.4	33.4	23.8	92	92	75	61	81	92	82.2	1
11..	57.54	57.55	57.82	55.91	56.79	58.34	57.32	24.2	24.5	29.5	31.2	25.4	25.2	26.7	31.8	23.6	95	96	72	68	88	93	85.3	3
12..	57.66	57.78	58.41	56.95	57.36	59.30	57.91	24.4	24.2	29.8	32.3	28.5	26.5	27.6	32.4	23.4	97	97	73	60	74	85	81	.3
13..	58.79	59.21	59.38	57.83	59.41	60.69	59.22	25	24.4	30.9	34.4	25.5	25.1	27.6	34.8	23.6	96	97	69	52	93	94	83.5	3.6
14..	59.43	59.67	59.67	58.10	58.50	59.79	59.19	24.6	24.2	29.6	28.4	30.5	27.5	27.5	34	23.6	97	98	77	79	75	90	86	.8
15..	59.07	59.68	59.42	57.60	58.54	60.62	59.16	26	24.8	31.4	34.4	29.5	26.3	28.7	34.8	24	92	95	66	52	75	90	78.3	.....
16..	60.14	60.43	59.81	57.24	58.23	60.15	59.33	25	25.1	31.2	35.4	28.9	25.6	28.5	35.6	23.4	93	94	67	50	68	87	76.5	.....
17..	59.76	60.03	59.62	57.37	58.52	60.34	59.27	24	23.1	31	32.1	30.6	24.8	27.6	34	22.6	91	92	65	62	68	85	77.2	.....
18..	59.06	59.28	59.47	57.79	58.48	59.95	59	23.5	23.4	31	33.9	30.3	25.8	28	34.6	22.3	94	93	68	57	66	85	77.2	.....
19..	59.03	60.02	59.97	58.15	58.79	60.16	59.35	24.2	24	32.1	35.1	29.6	26.5	28.6	35.1	23.2	95	96	63	51	67	80	75.3	.....
20..	58.96	59.85	60.35	58.61	58.34	60.10	59.37	24	23.2	29	33.8	29.6	26.6	27.7	33.9	22.5	93	97	74	54	67	80	77.5	.....
21..	58.94	59.21	59.75	57.52	57.12	59.32	58.64	24.5	23.6	31.2	34.3	30.5	26	28.4	34.9	22.8	92	95	64	52	60	85	74.7	.....
22..	58.46	58.66	58.97	56.64	57	58.94	58.11	24.2	23.5	32.3	36	28	26.6	28.4	36.4	22.4	91	92	60	50	87	87	77.8	20.8
23..	58.04	58.41	58.34	56.32	57.22	59.32	57.94	25.2	24	30	34.9	27.5	25	27.9	35.5	23.6	93	97	64	55	85	95	81.5	14
24..	58.80	58.33	57.94	55.66	56.17	58.27	57.53	24.4	23.6	30	33.4	27.2	25.5	27.4	34.6	23.1	97	98	78	62	87	93	85.9	.....
25..	57.34	57.44	57.59	55.45	55.15	56.94	56.65	25	24.4	30.9	34.1	31.4	27.4	28.9	34.5	23.5	96	98	72	60	61	84	78.5	.....
26..	55.86	55.48	56.07	55.15	54.21	55.94	55.45	25	24	30.9	26.7	29.4	24.6	26.8	34.1	23.4	93	96	70	91	79	98	87.8	40.4
27..	54.22	53.96	54.67	52.73	51.47	52.16	53.20	24.5	24.4	25.3	26.9	27	25.6	25.6	27.4	23.9	99	99	98	96	94	98	97.3	7.7
28..	50.38	49.50	49.29	46.47	45.68	46.17	47.92	24.8	24.8	28.2	30	25.5	26	26.6	30	24.3	98	99	91	85	99	99	95.2	23
29..	44.85	45.47	46.45	47.61	49.56	52	47.66	25.6	25.1	24.6	24	23.1	22.5	24.2	26	22	99	99	99	99	99	96	98.5	106.6
30..	51.17	52.55	54.32	54.57	55.03	56.55	54.03	22.5	23.8	25.5	24.5	25.4	24.6	24.4	26.5	21.5	97	98	96	96	93	98	96.3	46.9
Mean	57.35	57.63	57.80	56.09	56.52	58.18	57.26	24.6	24.1	29.9	32.2	28.4	25.8	27.5	33.3	23.2	93.7	95.4	71.8	63.2	76.5	88.6	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	294.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	Calm	....	E	1	E	2	E	2	NE	1	1.2	2	Ci.	S.-Cu.	3	Ci.	Cu.-N. E
2..	N	1	N	1	NW	2	E	2	E	2	N	1	1.5	1	Ci.	.....	4	Ci.	Cu. E
3..	N	1	N	1	NE	3	ESE	4	ESE	1	N	2	2	2	Ci.	Cu.	5	Ci.	Cu.-N. E
4..	N	1	N	1	E	3	ESE	3	ESE	2	E	1	1.8	5	Ci.	Cu. E	3	Ci.	Cu.-N.
5..	Calm	....	Calm	....	ESE	1	ESE	2	ESE	1	N	1	.8	6	Ci.	Cu.-N.	7	Ci.-S.	Cu. E
6..	N	1	NE	1	E	1	E	2	SE	1	SE	1	1.2	3	Ci.	Cu.	5	Ci.	Cu.-N.
7..	NE	1	NE	1	SE	2	SE	4	S	3	S	1	2	4	Ci.	S.-Cu.	7	Ci.	Cu.-N. SE
8..	S	1	Calm	....	S	3	S	4	S	1	S	1	1.7	3	Ci.	Cu. S	9	Ci.-S.	Cu.-N. S
9..	NE	1	Calm	....	SSE	1	S	1	S	1	Calm	....	.7	5	Ci.	Cu.	8	Ci.-S.	Cu.-N. S
10..	NE	1	Calm	....	SSW	1	SSW	2	SSW	2	S	2	1.3	6	Ci.	Cu. S	6	Ci.	Cu. SW
11..	NE	1	Calm	....	SSW	2	SSW	3	SSW	2	S	2	1.7	8	Ci.-S.	Cu. SSW	6	Ci.	Cu.-N. SW
12..	S	1	Calm	....	S	4	SSW	4	SSW	3	SE	1	2.2	6	Ci.	Cu.	6	Ci.	Cu. SSW
13..	S	1	S	1	S	2	SSW	3	SE	1	Calm	....	1.3	4	Ci.	Cu. SSW	6	Ci.-S.	Cu -N. SSW
14..	N	1	N	1	E	1	SE	2	Calm	....	SE	1	1	6	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu.-N. SE
15..	SE	1	Calm	....	NE	2	E	3	E	2	N	2	1.7	3	Ci.	Cu.	5	Ci.	Cu.-N. E
16..	NW	1	NW	1	ESE	2	SE	2	S	2	N	2	1.7	5	Ci.	Cu.	3	Ci.	Cu.
17..	N	1	NE	1	N	1	S	2	E	1	N	2	1.3	5	Ci.	Cu.	6	Ci.-S.	Cu.-N.
18..	N	1	NE	1	ESE	2	ESE	3	ESE	2	N	1	1.7	4	Ci.	Cu.	6	Ci.-S.	Cu.-N. SE
19..	N	1	N	1	E	2	ESE	3	SE	3	N	2	2	6	Ci.	Cu.-N. E	3	Ci.	Cu.-N.
20..	N	1	NE	1	E	2	ESE	4	ESE	4	Calm	....	2	6	Ci.-S.	Cu.-N. SE	4	Ci.	Cu.-N.
21..	N	1	NE	1	ENE	3	SE	3	SE	3	N	2	2.2	3	Ci.	Cu.-N.	4	Ci.	Cu.-N.
22..	N	1	NE	1	E	2	E	2	Calm	....	E	2	1.3	6	Ci.	Cu.-N.	6	Ci.	Cu. E
23..	NE	1	NE	1	E	2	E	2	E	2	E	1	1.5	6	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N. E
24..	ESE	1	SE	1	SE	2	SE	1	SE	1	S	1	1.2	7	Ci.	Cu. SE	4	Ci.	Cu.-N.
25..	NE	1	NE	1	ESE	1	SE	2	SE	3	N	1	1.5	3	Ci.	Cu.	5	Ci.	Cu.-N.
26..	N	1	N	1	NE	1	E	3	E	1	Calm	....	1.2	7	Ci.	Cu.	9	Ci.-S.	Cu.-N. E
27..	N	2	NNW	1	Calm	....	NW	1	NW	1	NW	1	1	9	Ci.-S.	Cu. N	10	Ci.-S.	Cu. NW
28..	NW	1	Calm	....	WNW	1	WNW	1	WSW	3	WSW	3	1.5	8	Ci.-S.	Cu. NW	10	Ci.-S.	Cu. WNW
29..	SW	2	SW	2	SW	6	SSW	7	SSW	2	SSW	3	3.7	10	Ci.-S.	N. W	10	Ci.-S.	N. SW
30..	SSW	1	SSW	1	SSW	3	SSW	2	S	1	S	1	1.5	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW
Mean	.....	0.1	.....	0.7	.....	2	.....	2.6	.....	1.8	.....	1.3	1.6	5.3	.....	.....	6.1	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.								Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.07	56.50	57.49	56.88	57.39	59.61	57.32	24.4	24.2	29.1	31.2	28	26.1	27.2	31.6	23.6	98	98	84	73	85	94	88.7	0.8
2..	58.64	58.86	58.98	57.55	57.57	59.64	58.54	25.4	25.2	30	32.6	29.6	27.2	28.3	33	24.2	97	97	78	62	82	90	84.3	.....
3..	58.47	58.69	58.61	56.50	58.21	59.27	58.29	26	25.4	29.1	32.5	24	23.6	26.8	33.5	21.8	95	97	77	66	97	98	88.3	65.5
4..	57.72	57.49	57.63	55.69	56.23	57.08	56.97	23	23	28	31.1	23.7	24	25.5	31.1	22.5	98	98	89	78	99	98	93.3	14.2
5..	55.70	55.35	56.10	54.65	54.09	55.74	55.27	24.2	24.1	26.8	28	26.8	24	25.6	28.1	23.2	98	99	89	88	94	98	94.3	38.1
6..	54.60	54.64	55.01	53.82	53.42	55.82	54.55	23.5	23.4	25.4	25.9	26.1	24.7	24.8	26.5	22.6	99	98	93	97	94	99	96.7	13
7..	55	55.47	56.20	55.36	55.64	57.52	55.86	24.4	24.1	28	27.5	27.4	25.6	26.2	29.4	23.6	98	99	85	91	86	95	92.3	10.7
8..	56.56	57.31	57.76	56.95	56.47	57.66	57.12	24.5	24.2	28.1	26.9	25.9	25.4	25.8	30.3	23.6	96	98	84	89	94	94	92.5	3.8
9..	56.26	56.28	56.79	55.35	55.27	56.17	56.02	24	24.4	27	25.6	24.6	24.2	25	27.5	23.6	98	98	89	98	99	99	96.8	84.4
10..	54.64	54.83	55.69	54.65	54	54.74	54.76	23.8	23.9	24.1	23.9	23.9	24.5	24	24.5	23.4	99	99	98	99	99	99	98.8	100.4
11..	54	54.27	54.87	54.21	54.39	56.12	54.64	24.5	24.4	26.3	27.5	25.6	25	25.6	29.5	23.7	98	98	97	88	97	99	96.2	40.5
12..	55.27	55.48	56.76	56.07	56.09	57.21	56.15	25	24.8	25.7	26.9	26	25.6	25.7	27.9	24.3	98	99	98	93	97	98	97.2	24.6
13..	56.15	56.53	57.47	56.27	56.21	57.47	56.68	25.9	25.5	26	25.4	26.8	26.2	26	27.1	24.8	96	96	98	99	90	98	96.2	24.8
14..	56.10	56.52	56.53	55.52	56.11	56.80	56.26	25.2	25.4	29	29.5	26.2	26.5	27	30	24.6	98	98	85	86	98	93	93	17
15..	55.89	56.23	56.83	55.12	55.75	56.37	56.03	25.5	25	28.4	28.9	27	26.5	26.9	30.5	24.4	98	98	91	87	92	94	93.3	.5
16..	56.09	56.50	57.34	56.39	56.97	58.20	56.92	26.4	25.7	28.3	29.6	28.6	26.6	27.5	31.5	25.4	94	94	87	81	80	91	87.8	.5
17..	57.31	57.35	57.89	56.52	57.09	58.76	57.49	25.6	25.4	27.9	29	28	26.5	27.1	30.8	24.8	95	97	84	81	85	92	89	.3
18..	57.27	57.74	58	56.72	56.91	57.82	57.41	26.2	25.7	29.5	26.8	26.5	26	26.8	31	25	94	96	81	91	93	96	91.8	20.1
19..	57.01	57.64	58.32	57.22	57.09	58.51	57.63	26	25.5	29.5	28.4	27.6	26.2	27.2	30.3	25	95	98	84	83	87	94	90.2	1.5
20..	57.07	57.34	58.18	56.48	57.09	58.42	57.43	25.8	25.4	28.1	26.2	27.8	26.5	26.6	31.5	24.8	95	98	87	98	86	92	92.7	11.2
21..	57.84	57.66	58.29	56.97	57.15	57.57	57.58	25.4	25.5	29	28.6	27.2	25.6	26.9	30.4	24.9	95	96	88	77	90	97	90.5	1
22..	56.61	55.62	56.55	55.79	55.79	57.16	56.25	25.6	25	27.2	23.4	23.8	24.4	24.9	28.1	22.7	98	98	96	99	99	99	98.2	43
23..	55.58	55.90	56.79	55.30	54.72	56.98	55.88	24.4	24.1	27.6	28	29.2	26	26.6	31.9	23.7	99	99	87	95	81	96	92.8	.5
24..	55.73	55.56	55.94	54.63	54.99	56.53	55.56	25.5	25.4	29.9	28.6	28.8	26.2	27.4	32.1	24.5	98	99	82	92	83	95	91.5	1.5
25..	55.30	55.43	55.54	54.86	55.68	57.11	55.65	26	26	29.8	28.1	25.5	25.2	26.8	30.6	24.6	98	99	87	95	96	98	95.5	17.3
26..	56.10	56.36	56.36	55.39	56.28	57.62	56.35	24.8	24.5	28.4	25.8	24.2	24	25.3	30.8	23.4	99	99	85	95	98	98	95.7	36.3
27..	56.43	56.70	56.80	54.94	55.36	56.23	56.08	23.8	23.7	26.9	30	25.8	24.7	25.8	30.7	23.4	99	99	89	80	95	99	93.5	6.6
28..	55	54.94	55.15	54.68	54.93	56.25	55.16	24.6	24	26.9	25.2	25.4	25	25.2	27.4	23.5	99	98	90	98	97	98	96.7	11.4
29..	55.84	56.36	57.02	56.75	57.16	58.06	56.86	24.4	24.1	26.8	24.5	24.8	24.5	24.8	29.3	23.6	99	99	90	99	98	97	97	14.5
30..	57.72	57.88	58.98	57.37	58.27	60.19	58.40	24	23.5	29.6	32	28.2	26.5	27.3	32.5	23	98	99	84	72	88	93	89	.....
31..	59.11	59.83	60.31	58.74	59.19	61.49	59.78	25.5	24.6	30.3	32.6	29.4	25.6	28	32.6	24.1	98	97	76	69	83	92	85.8	4.1
Mean	56.36	56.56	57.10	55.91	56.18	57.55	56.61	24.9	24.7	28	28.1	26.5	25.4	26.3	30.1	23.9	97.3	97.9	87.5	87	91.7	95.9	92.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	608.1

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1..	S	1	S	1	S	3	S	4	S	2	Calm	....	1.8	10	Ci.-S.	N. SSW	5	Ci.	Cu. SSW
2..	Calm	....	Calm	....	SE	1	S	2	S	2	S	2	1.2	6	Ci.	S.-Cu.	4	Ci.	Cu. SSW
3..	E	1	Calm	....	NW	1	N	2	SE	3	N	1	1.3	3	Ci.	Cu.	5	Ci.	Cu. NW
4..	NW	1	Calm	....	NW	1	W	1	W	1	W	1	.8	7	Ci.-S.	S.-Cu.	7	Ci.	Cu. NW
5..	W	1	Calm	....	WSW	1	SW	1	SW	2	SW	1	1	10	Ci.-S.	S.-Cu. WNW	10	Ci.-S.	Cu.	
6..	SW	1	Calm	....	SW	1	SW	1	SW	1	SW	3	1.2	10	Ci.-S.	N. W	10	Ci.-S.	N. W	
7..	SSW	2	SSW	1	SSW	3	S	4	S	4	S	4	3	6	Ci.	Cu. SW	9	Ci.-S.	Cu. SSW	
8..	S	2	S	2	S	4	S	4	SW	1	SW	3	2.7	7	Ci.	Cu. SSW	8	Ci.-S.	cu.-N. ssw	
9..	SW	1	Calm	....	SW	2	SW	3	SW	1	SSW	2	1.5	10	Ci.-S.	s.-cu.wsw	10	Ci.-S.	N. SW	
10..	SSW	2	Calm	....	S	1	S	1	SW	1	SW	2	1.2	10	Ci.-S.	N. SW	10	Ci.-S.	N. SW	
11..	SW	2	SW	1	SW	3	SW	5	SW	4	SW	4	3.2	9	Ci.-S.	N. SW	10	Ci.-S.	N. SW	
12..	SW	2	SW	2	SSW	3	SW	4	SW	4	SW	4	3.2	10	Ci.-S.	N. SW	7	Ci.-S.	Cu.-N. sw	
13..	SW	3	SW	2	SW	2	SW	3	SW	3	SW	2	2.5	8	Ci.-S.	S.-Cu. sw	10	Ci.-S.	N. SW	
14..	SW	2	SW	1	SW	2	SW	4	SW	3	SSW	4	2.7	8	Ci.-S.	S.-Cu. sw	9	Ci.-S.	Cu.-N. sw	
15..	SSW	2	SW	1	SSW	2	SSW	4	SSW	3	SSW	4	2.7	10	Ci.-S.	N. SW	9	Ci.-S.	Cu. SW	
16..	SSW	2	SSW	2	SSW	4	SSW	5	SSW	4	SSW	4	3.5	7	Ci.	S.-Cu. sw	8	Ci.-S.	Cu.-N. sw	
17..	SSW	2	SSW	1	SSW	3	SSW	4	SSW	2	S	1	2.2	7	Ci.	S.-Cu. sw	9	Ci.-S.	Cu.-N. sw	
18..	S	1	S	1	S	3	S	1	S	1	S	1	1.3	7	Ci.	Cu. SW	9	Ci.-S.	Cu.-N. sw	
19..	S	1	S	1	SSW	4	SSW	4	SSW	2	SSW	1	2.2	5	Ci.	Cu. SW	8	Ci.	Cu.-N. sw	
20..	SSW	1	SSW	1	SSW	4	SSW	1	SSW	2	S	2	1.8	6	Ci.	Cu. SW	7	Ci.	Cu.-N. sw	
21..	S	1	S	1	S	4	S	3	S	2	S	1	2	7	Ci.	Cu. SW	10	Ci.-S.	Cu.-N. sw	
22..	S	1	SSW	2	SSW	3	N	2	Calm	....	WSW	1	1.5	5	Ci.	Cu. SW	10	Ci.-S.	N. W	
23..	WSW	2	WSW	1	WSW	1	WSW	1	SW	2	SW	1	1.3	10	Ci.-S.	S. W	7	Ci.	Cu. W	
24..	SW	1	SW	1	SW	2	SW	1	Calm	....	SW	1	1	7	Ci.	Cu. WSW	7	Ci.	Cu.-N. wsw	
25..	SW	1	Calm	....	SW	1	SW	1	SW	1	SW	1	.8	8	Ci.-S.	Cu. WSW	10	Ci.-S.	Cu.-N. wsw	
26..	SW	1	SW	1	SW	2	SSW	1	SSW	2	SSW	1	1.3	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	N. SW	
27..	SSW	1	SSW	1	SSW	1	SSW	1	SSW	2	SSW	2	1.3	10	Ci.-S.	S.-Cu. sw	7	Ci.	Cu.-N sw	
28..	SSW	1	SSW	1	SSW	2	SW	2	SW	3	SSW	2	1.8	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	N. SW	
29..	SSW	2	SSW	2	SSW	4	S	3	S	2	S	1	2.3	9	Ci.-S.	s.-cu. ssw	10	Ci.-S.	N. SSW	
30..	S	1	S	1	S	2	S	4	S	2	S	1	1.8	6	Ci.	Cu. SW	5	Ci.	Cu. S	
31..	S	1	S	1	S	2	S	2	E	1	NE	2	1.5	8	Ci.-S.	Cu. S	4	Ci.	Cu.-N.	
Mean	.....	1.4	.....	0.9	.....	2.3	.....	2.5	.....	2	.....	1.9	1.9	7.9	.....	.....		8.5	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, −1.69 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.09	60.06	60.24	58.86	59.54	60.93	59.95	25	24	27.8	30.2	26	24.6	26.3	30.6	23.6	97	98	85	77	92	97	91	.....
2..	59.28	59.20	60.17	58.31	59.09	60.20	59.38	24.2	24	28.7	31.3	27.8	25.5	26.9	31.8	23.5	97	98	85	77	86	95	89.7	.....
3..	58.90	59.03	60.09	58.25	58.39	60.56	59.20	25	24	29.5	30.6	28.7	26.2	27.3	31.7	23.5	96	98	81	74	83	94	87.7	.....
4..	59.64	59.81	60.17	58.45	58.84	60.41	59.55	25.4	24.2	29.8	31.7	29.4	26.4	27.8	32.4	23.5	97	97	77	76	79	94	86.7	.....
5..	59.14	59.46	59.92	58.20	57.84	60.28	59.14	25.2	24.5	29.7	32.1	30.2	26.5	28	32.8	23.5	97	98	77	72	74	91	84.8	.....
6..	58.99	59.15	59.37	57.65	57.26	58.98	58.57	24.8	23.5	30	31.7	29.6	26.6	27.7	32.3	23.1	97	98	75	68	81	92	85.2	1.3
7..	58.34	58.68	59.16	57.55	58.01	59.57	58.55	25.2	23.8	29.7	32.7	26.2	25.8	27.2	32.8	23.3	97	98	70	65	89	93	85.3	1.5
8..	58.81	58.95	59.21	57.39	57.46	59.50	58.58	24.8	24.5	30	32.1	29.8	26.1	27.9	33.2	23.9	95	96	75	68	75	90	83.2	.8
9..	58.57	58.88	59.38	57.22	57.94	59.26	58.54	25.6	24.5	29.1	32.8	25.4	24.7	27	32.9	24	92	94	80	65	93	96	86.7	15.5
10..	58.13	57.90	58.50	56.11	57.32	58.31	57.71	24.6	24.6	27.7	30.5	23.9	23.9	25.9	30.7	23	97	97	82	74	94	94	89.7	41.4
11..	56.93	56.86	57.40	55.61	55.66	56.70	56.53	23.8	23.6	26	27	25.6	24	25	27.4	23.3	95	97	88	84	95	95	92.3	2.1
12..	55.08	55.09	55.22	54.03	54.83	56.09	55.06	23.6	24	26.5	26.4	24	24	24.8	27.6	23	96	96	90	86	96	96	93.3	64.2
13..	55.35	55.49	56.89	55.63	56.03	57.56	56.16	23.5	23.2	23	25	24.6	24.1	23.9	25.9	22.3	96	96	97	92	90	93	94	52.1
14..	56.88	57.24	58.71	57.34	57.71	59.57	57.91	23.8	23.4	26.3	28.6	26.8	25.4	25.7	28.8	23	97	97	93	75	86	89	89.5	.8
15..	58.83	58.96	59.84	58.18	58.47	60.40	59.11	23.8	23	27.4	30.6	28.5	25.5	26.5	31.4	22.7	93	95	78	72	74	88	83.3	.....
16..	59.23	59.97	59.93	58.27	59.11	60.95	59.58	24.5	23.6	28.7	31.4	29	25.9	27.2	32.4	23	92	95	75	63	74	89	81.3	9.1
17..	59.99	60.13	59.57	57.73	58.30	59.54	59.21	25	24.9	26.5	30.7	25.5	25	26.3	31	24.4	95	95	86	77	93	95	90.2	3
18..	57.96	58.08	58.71	55.92	56.21	57.80	57.45	24.4	24.2	27.8	30.1	26.6	25.5	26.4	31.6	23.5	95	96	79	74	90	93	87.8	4.8
19..	57.09	57.28	58.08	56.61	57.05	58.77	57.48	24.6	24	29	24.9	25	24.8	25.4	30.9	23.5	93	95	76	94	94	95	91.2	34.6
20..	57.73	57.81	58.58	56.79	57.34	59.15	57.90	24.5	24.4	28.8	29.4	24.5	24.4	26	31.5	23.9	95	95	79	76	94	94	88.8	4.3
21..	58.06	58.28	59.08	57.08	57.39	59.59	58.25	24.5	24	28.7	29.1	27.6	24.9	26.5	30.1	23.5	94	96	83	81	84	95	88.8	3.8
22..	58.20	58.78	59.22	56.99	58.21	59.10	58.42	24.7	24.6	28.2	30.4	24.4	24.3	26.1	31.2	23.5	96	97	82	70	97	97	89.8	57.1
23..	58.12	58.22	58.61	56.64	56.59	57.74	57.65	24	23.5	27.6	29.3	27.2	25.1	26.1	30.5	23	97	96	83	71	83	95	87.5	10.2
24..	55.99	56.08	56.17	54.16	54.46	55.86	55.45	25	24.9	28.7	30.7	26.6	25.4	26.9	31.5	24.4	96	97	80	74	94	94	89.2	7.6
25..	55.48	55.61	56.52	55.13	55.61	57.20	55.92	25.5	25	29.5	30.6	26.8	26.1	27.2	31.3	24.5	96	97	79	76	89	94	88.5	1.3
26..	57.27	57.44	58.19	56.77	58	58.88	57.76	25.8	25.5	28.7	26.5	25	24.6	26	29.6	23.7	95	93	84	90	92	96	91.7	7.5
27..	57.46	57.97	58.27	56.65	57.53	58.56	57.74	24.2	24.1	24.5	28.9	24.5	24.3	25.1	29	23.6	97	97	96	79	96	95	93.3	43.4
28..	56.98	57.07	58.12	56.40	56.99	58.32	57.31	24	24	26	27.7	26.6	25.5	25.6	29	23.4	97	97	92	83	87	93	91.5	7.9
29..	57.45	57.61	58.48	56.99	57.77	59.18	57.91	24.5	24	27.4	30.6	25.4	24.5	26.1	31.2	23.6	96	96	83	71	92	94	88.7	1
30..	58.16	58.53	59.09	57.55	58.01	59.72	58.51	24.4	24.1	28.9	27.1	26	25	25.9	29.6	23.6	95	95	81	87	89	92	89.8	.8
31..	58.16	58.20	58.69	57.45	57.82	59.49	58.30	24.6	24.2	27.8	27.2	26.2	25.5	25.9	28.5	23.9	95	96	82	85	87	91	89.3	.5
Mean	57.94	58.12	58.70	56.96	57.45	58.97	58.03	24.6	24.1	28	29.6	26.6	25.2	26.3	30.7	23.5	95.6	96.3	82.4	76.6	87.8	93.5	88.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	376.6

Day.	Wind.												Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*			*0–10*		
1..	NE	1	NE	1	Calm	....	S	1	S	1	S	1	0.8	9	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
2..	S	1	E	1	S	1	S	3	S	2	E	1	1.5	7	A.-Cu.	S.-Cu.	7	Ci.	Cu.-N. S
3..	E	1	Calm	....	SSW	2	SSW	4	SSW	4	SSW	1	2	4	Ci.	Cu.	7	Ci.	Cu. SW
4..	S	1	Calm	....	S	3	S	4	S	2	S	1	1.8	3	Ci.	Cu.-N.	6	A.-Cu.	Cu. SW
5..	Calm	....	Calm	....	SSW	1	SSW	1	SSW	2	SSW	1	.8	3	Ci.	Cu. SW	6	Ci.	Cu. SW
6..	SSW	1	Calm	....	SSW	1	SW	1	SW	1	S	1	.8	3	Ci.	Cu.	5	Ci.	Cu. SW
7..	S	1	Calm	....	SSW	1	SSW	2	SW	1	SW	1	1	3	Ci.	S.-Cu.	6	Ci.	Cu. SW
8..	SW	1	SW	1	WSW	1	SW	1	W	1	W	1	1	4	Ci.	Cu. WSW	6	Ci.	Cu. W
9..	W	1	Calm	....	SW	1	SW	2	SW	2	SW	1	1.2	8	Ci.	S.-Cu. W	6	Ci.	Cu.-N. W
10..	SW	1	Calm	....	N	1	SW	1	Calm	....	Calm	....	.5	6	Ci.	Cu. WSW	8	Ci.	Cu. WSW
11..	NW	1	Calm	....	SW	2	SW	3	SW	2	SW	4	2	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	Cu. SW
12..	SSW	2	SSW	2	SSW	4	SSW	5	SSW	4	S	4	3.5	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	N. SW
13..	S	4	S	4	S	4	S	5	S	4	S	3	4	10	Ci.-S.	N. SSW	10	Ci.-S.	N. S
14..	S	2	S	1	S	3	S	4	S	2	S	1	2.2	10	Ci.-S.	Cu. SSW	10	Ci.-S.	Cu. SSW
15..	S	1	S	1	S	1	S	1	S	1	S	1	1	10	Ci.-S.	S.-Cu.	7	Ci.	Cu.-N.
16..	S	1	SE	1	SE	1	NE	1	SE	2	S	2	1.3	4	Ci.	S.-Cu.	6	Ci.	Cu.-N.
17..	NE	1	NE	1	NW	1	SSW	3	SW	1	SW	1	1.3	8	Ci.-S.	Cu.-N.	6	Ci.	Cu.-N.
18..	SW	1	Calm	....	W	1	SW	5	WSW	1	Calm	....	1.3	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N. W
19..	WSW	1	WSW	1	WSW	1	SW	4	SW	1	SW	1	1.5	5	Ci.	Cu. W	10	Ci.-S.	N. W
20..	SW	1	Calm	....	SSW	2	SSW	5	SSW	2	Calm	....	1.7	5	Ci.	S.-Cu.	8	Ci.	Cu. SW
21..	S	1	Calm	....	S	2	S	2	S	1	NW	2	1.3	8	Ci.	Cu. S	6	Ci.	Cu. S
22..	Calm	....	S	1	S	1	S	2	S	5	N	2	1.8	10	Ci.-S.	S.-Cu. sw	6	Ci.	Cu.-N.
23..	Calm	....	Calm	....	S	1	W	1	WSW	3	SW	2	1.2	7	Ci.	S.-Cu. sw	5	Ci.	Cu. W
24..	SW	1	SW	1	SW	1	SW	2	SW	1	SW	1	1.2	5	Ci.	Cu. WSW	7	Ci.	Cu. W
25..	SW	2	SW	1	SW	3	SSW	3	SSW	1	SSW	1	1.8	5	Ci.	Cu. SW	6	Ci.	Cu. SW
26..	SSW	1	S	1	SSW	1	ESE	2	ESE	2	NE	2	1.5	8	Ci.	Cu. SW	10	Ci.-S.	N. SE
27..	S	1	Calm	....	S	2	S	2	S	3	S	1	1.5	10	Ci.-S.	Cu.-N.	7	Ci.	Cu. SSW
28..	S	1	S	1	S	2	S	2	S	2	S	3	1.8	7	Ci.	Cu.	8	Ci.	Cu.-N.
29..	S	1	Calm	....	S	3	S	3	S	2	S	2	1.8	5	Ci.	S.-Cu.	5	Ci.	Cu. SW
30..	S	2	S	2	S	2	S	5	S	3	S	2	2.7	8	Ci.	Cu. SSW	8	Ci.-S.	Cu.-N. SSW
31..	S	2	S	3	S	3	S	4	S	3	S	3	3	7	Ci.	Cu. SSW	9	Ci.	Cu. SSW
Mean	.....	1.2	.....	0.8	.....	1.7	.....	2.7	.....	2	.....	1.5	1.6	6.6	.....	.....	7.3	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.48	58.17	59.14	57.95	58.76	60.26	58.79	23.6	23.5	28.4	26.6	24.4	24.6	25.2	29.8	23	96	96	82	90	95	97	92.7	33.8
2..	59.03	58.93	59.75	57.83	58.16	59.79	58.92	23.8	23.6	27.7	30	26.4	26	26.2	30.8	23	97	97	79	75	89	90	87.8	.8
3..	57.79	57.58	58.88	56.67	56.98	58.09	57.66	25	24.7	28.4	29	27.3	26	26.7	30.1	24.4	93	94	82	77	82	92	86.7	.8
4..	56.39	55.93	57	54.64	54.64	55.28	55.65	25	24.6	26.8	28.3	26	24.4	25.8	28.5	24	93	95	88	81	92	95	90.7	2.5
5..	54.10	53.60	54.08	51.71	52.63	54.49	53.44	24.4	24.4	25	25.4	25.5	25.1	25	28.4	23.6	95	97	96	95	95	98	96	41.9
6..	54.08	54.39	55.77	54.80	55.54	56.74	55.22	24.8	24.2	26.7	28.5	26	25.2	25.9	29.7	23.9	97	97	86	78	92	92	90.3	3.6
7..	55.58	56	56.63	55.01	55.36	56.36	55.82	24.6	23.6	28.4	30.7	27	26	26.7	31.1	23	95	97	78	74	89	92	87.5	.....
8..	55.36	55.72	56.49	54.79	55.35	56.47	55.70	25	24.6	28.8	29.8	27.3	25.8	26.9	31.4	24.1	95	95	72	73	84	90	84.8	1
9..	56.09	56.45	56.91	55.65	56.29	57.65	56.51	25	24.5	29.4	26.1	26.7	25.2	26.2	31.5	23.8	95	96	79	92	94	93	91.5	6.6
10..	56.81	57.02	57.71	55.90	56.15	58.01	56.93	24.8	24.1	28.4	25.8	27	26	26	30.1	23.7	95	95	83	89	88	94	90.7	18
11..	56.64	57.18	58.59	57.31	57.61	58.44	57.63	25.2	24.6	28	25.7	26.5	25.8	26	31	24.4	95	96	82	93	93	95	92.3	14.8
12..	58.17	58.45	59.41	58.30	58.84	60.25	58.90	25.2	24.6	28.4	25.8	25.4	25.4	25.8	31	24.3	95	96	83	92	95	97	93	34.9
13..	59.22	59.92	60.56	58.53	59.90	60.55	59.78	24.8	25	28	29.5	24.8	24.5	26.1	31.1	24	97	97	85	79	95	96	91.5	23.4
14..	59.86	60.12	60.62	59.89	60.56	61.31	60.39	24.6	24.5	28.7	25.4	25	24.2	25.4	30.6	23.7	97	97	84	93	93	97	93.5	17.2
15..	60.06	59.81	60.82	58.75	59.16	60.81	59.90	23.8	23.4	27.4	29.6	25.8	24.6	25.8	30.5	22.7	97	97	84	77	90	96	90.2	3.4
16..	60.12	59.68	60.49	58.23	59.23	61.28	59.84	24	23.5	27	28	24.2	24.2	25.2	30.1	22.9	96	96	85	86	94	95	92	22.4
17..	59.93	60.28	60.84	58.37	58.71	60.61	59.79	23.8	23.4	27.8	30.7	26.2	25.6	26.2	31.1	22.9	97	97	79	67	92	95	87.8	9.9
18..	59.60	60.32	60.79	57.98	58.92	61.60	59.87	24.8	24.2	29.4	31.6	28.6	24.9	27.2	31.8	23.8	96	96	79	75	73	95	85.7	5.1
19..	60.46	61.16	61.42	59	60.46	61.33	60.64	24.2	24.2	28.2	31.4	24.5	23.7	26	31.7	22.8	97	97	82	67	94	96	88.8	16.5
20..	60.28	60.05	60.19	57.72	57.75	59.42	59.24	24.2	24	28.1	30.1	27	25.6	26.5	31.6	23.6	95	97	82	71	81	92	86.3	.5
21..	58.19	57.77	58.64	56.33	56.71	58.77	57.74	25	23.9	28.6	30.6	28.6	25.8	27.1	31.9	23.5	95	96	77	67	80	87	83.7	.....
22..	58.34	58.11	58.79	56.61	57.15	58.89	57.98	25.4	25	28.6	30.9	26.5	25.7	27	32	24.3	92	95	80	68	90	94	86.5	.....
23..	58.14	58	58.47	56.59	57.31	59.32	57.97	25.5	24.7	29.4	32.2	28.8	26.4	27.8	32.6	24.2	96	98	76	68	79	92	84.8	1.3
24..	58.71	58.69	59.67	57.71	58.74	61.25	59.13	25.8	25.3	29.5	32.7	28.9	25.8	28	33	24.8	93	94	75	65	76	88	81.8	.....
25..	60.31	60.57	61.41	59.31	60.37	61.46	60.57	25.2	24.8	29.4	30	24.2	24.4	26.3	32.1	23.8	93	97	79	75	90	93	87.8	34.8
26..	60.52	61.23	61.53	59.92	60.29	61.89	60.90	24	23.6	29.4	29.2	26.8	25.6	26.4	31.6	23.1	97	98	78	75	86	90	87.3	.....
27..	60.84	60.61	61.67	59.17	59.84	61.59	60.62	24.5	24	28.6	32.1	28.8	26.8	27.5	32.8	23.5	96	96	78	66	79	86	83.5	.....
28..	60.05	60.21	60.38	57.97	58.09	59.34	59.34	26	25	30.1	32.8	29.5	26.8	28.4	33	24.5	92	96	68	64	72	86	79.7	.....
29..	58.27	58.11	58.09	55.05	55.69	57.57	57.13	25.7	24.7	28.6	31.7	26.1	24.5	26.9	32.3	23.7	90	94	75	56	89	93	82.8	27.9
30..	56.46	56.06	57.37	54.63	55.37	56.77	56.11	24	24.5	28	31.6	25.7	26.1	26.6	31.8	23.5	96	96	82	77	93	87	88.5	21.6
Mean	58.26	58.34	59.07	57.08	57.69	59.19	58.27	24.7	24.3	28.3	29.4	26.5	25.4	26.4	31.2	23.7	95.1	96.2	80.6	76.8	87.8	92.8	88.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	342.7

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	S	1	S	1	S	2	S	2	S	2	S	1	1.5	9	Ci.-S.	Cu. S	10	Ci.-S.	N. SSW
2..	S	1	Calm	....	S	1	S	3	S	2	S	2	1.5	7	Ci.	Cu. S	7	Ci.	Cu. SSW
3..	S	1	Calm	....	S	3	SSW	4	SW	4	Calm	....	2	6	Ci.	S.-Cu.	8	Ci.	Cu. SW
4..	SW	1	SW	1	SW	2	SW	3	SW	3	SW	3	2.2	10	Ci.-S.	N. SW	9	Ci.-S.	Cu. SW
5..	S	2	S	1	S	2	S	2	Calm	....	S	1	1.3	10	Ci.-S.	N. S	10	Ci.-S.	N. S
6..	S	1	Calm	....	S	1	SW	1	SW	1	Calm	....	.7	9	Ci.-S.	S.-Cu. NW	7	Ci.-S.	Cu. WNW
7..	SW	1	Calm	....	WSW	1	WSW	1	WSW	1	SW	1	.8	5	Ci.	Cu.-N.	6	Ci.	Cu. W
8..	SW	1	SW	1	WSW	1	W	4	W	2	W	1	1.7	6	Ci.	Cu. W	6	Ci.	Cu. WNW
9..	W	1	Calm	....	W	1	W	2	Calm	....	SWW	2	1	6	Ci.	Cu. W	9	Ci.-S.	N. W
10..	WSW	1	Calm	....	SW	2	SW	2	SW	1	SW	1	1.2	10	Ci.-S.	Cu. W	7	Ci.-S.	Cu.-N. W
11..	SW	1	Calm	....	SW	1	SW	3	SW	1	S	1	1.2	10	Ci.-S.	Cu. W	10	Ci.-S.	cu.-N. WSW
12..	S	1	S	1	S	1	S	2	S	1	S	1	1.2	9	Ci.-S.	S.-Cu. SW	10	Ci.-S.	N. SW
13..	S	1	S	2	S	1	SSW	2	SSW	1	NE	1	1.3	10	Ci.-S.	N. SW	8	Ci.-S.	Cu.-N. SW
14..	Calm	....	Calm	....	SSW	1	SSW	1	SW	1	SW	1	.7	7	Ci.	Cu. SW	10	Ci.-S.	N. SW
15..	SW	1	SW	1	SW	1	SW	1	SW	1	NW	2	1.2	8	Ci.	Cu. WSW	6	Ci.	Cu. W
16..	SW	2	SW	1	SSW	2	SSW	3	SSW	2	SW	1	1.8	8	Ci.	S.-Cu. SW	9	Ci.-S.	Cu.-N. SW
17..	SSW	1	Calm	....	S	1	S	2	S	2	Calm	....	1	6	Ci.	Cu.-N.	4	Ci.	Cu.-N.
18..	S	1	S	1	S	1	S	4	S	1	NE	3	1.8	7	Ci.	Cu. SSW	5	Ci.	Cu. SSW
19..	Calm	....	Calm	....	NW	1	SW	2	SW	1	Calm	....	.7	3	Ci.	S.-Cu. SW	4	Ci.	Cu.-N.
20..	NW	1	Calm	....	SW	1	SW	1	SW	2	Calm	....	.8	4	Ci.	Cu. N	3	Ci.	Cu.-N. W
21..	W	1	Calm	....	W	1	WNW	2	SW	1	WNW	1	1	4	Ci.	S.-Cu. NW	2	Ci.	Cu.-N.
22..	Calm	....	Calm	....	W	1	W	1	W	1	Calm	....	.5	8	Ci.	Cu. NW	4	Ci.	Cu. W
23..	SW	1	Calm	....	SW	1	SW	2	SW	1	Calm	....	.8	6	Ci.	Cu.-N.	4	Ci.	Cu. W
24..	N	1	Calm	....	W	1	SW	1	SW	2	S	2	1.2	10	Ci.-S.	Cu. N	3	Ci.	Cu.-N.
25..	S	1	Calm	....	NE	1	NE	1	NE	2	NE	1	1	9	Ci.-S.	S.-Cu. S	7	Ci.-S.	Cu.-N.
26..	Calm	....	Calm	....	E	1	ESE	3	ESE	1	N	3	1.3	10	Ci.	S.	6	Ci.	Cu. E
27..	NE	1	N	2	N	2	SE	2	SE	2	SE	1	1.7	8	Ci.	Cu.	6	Ci.	Cu. E
28..	N	1	Calm	....	NE	1	NE	1	NE	1	NE	1	.8	7	Ci.	S.	3	Ci.	Cu. NE
29..	NE	1	NE	1	NE	2	N	2	NW	1	S	2	1.5	5	Ci.	S.-Cu.	3	Ci.	Cu.-N.
30..	S	1	Calm	....	WNW	1	SW	2	SW	2	W	2	1.3	8	Ci.	S. SW	6	Ci.	Cu. WNW
Mean	.....	0.9	.....	0.4	.....	1.3	.....	2.1	.....	1.4	.....	1.2	1.2	7.5	.....	.....	6.4	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[$\phi = 15°\ 19'$ N; $\lambda = 120°\ 53'$ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.41	56	57.45	54.64	55.25	56.73	55.91	25.5	25.2	27.7	30.1	28	26.6	27.2	30.2	24.6	89	90	87	68	77	81	82	.....
2..	54.96	55.04	55.62	53.16	53.68	55.59	54.68	25.6	25	29.2	31	27.4	26.4	27.4	31.5	24.6	92	95	74	68	80	82	81.8	.....
3..	53.96	54.22	55.39	53.80	54.84	55.61	54.64	25.6	25.1	27.5	26.8	26.8	26.1	26.3	30.9	24.6	87	88	87	86	86	94	88	1.3
4..	55.56	55.96	57.23	55.97	57.21	59.34	56.88	25.5	24.8	28.7	28.1	26.8	25.4	26.6	30.1	24.4	94	95	81	82	86	93	88.5	.5
5..	58.16	59.31	60.95	58.73	59.71	60.89	59.62	25	24.9	26.8	27.6	26.2	25.5	26	28.1	24.4	95	92	90	87	92	93	91.5	.5
6..	60.09	60.67	61.14	59.27	59.86	60.74	60.30	25	24.6	29.5	27.4	26.4	25.8	26.4	32.1	24.2	95	96	80	86	92	95	90.7	5.1
7..	59.31	59.29	60.35	58.46	59.21	60.05	59.44	25.2	25.1	28.5	29.1	26.5	25.6	26.7	32	24.7	97	98	85	78	88	95	90.2	.3
8..	59.20	59.30	60.71	58.17	59.90	60.56	59.64	24.6	23.7	28.6	32.5	24.4	24.2	26.3	32.8	23.2	97	98	78	63	94	95	87.5	15.7
9..	59.72	59.93	60.85	58.89	59.66	60.44	59.92	23.5	23	28.3	25.6	27	25.6	25.5	31.6	22.6	97	98	81	88	90	93	91.2	13.5
10..	59.69	59.75	60.86	58.81	59.74	60.61	59.91	24.6	23.5	25.5	26.6	25.5	24.4	25	27	23.1	97	97	93	83	88	93	91.8	.....
11..	59.73	59.83	60.59	58.04	58.91	60.72	59.64	23.8	23.4	27.8	31	24.4	25.2	26.3	31.4	22.8	95	97	77	62	81	88	83.3	.....
12..	59.56	59.74	61.09	58.69	59.65	60.45	59.86	24.2	23	28	30.6	27	24.3	26.2	31.4	22.4	91	96	74	64	80	93	83	1.8
13..	59.72	59.87	60.56	58.08	58.27	59.60	59.35	23.8	23.2	27.6	30.6	28.5	25.5	26.5	30.6	22.6	95	97	76	65	74	91	83	.5
14..	58.40	58.41	59	56.27	56.66	57.40	57.69	24.8	24	28.2	31	26.2	24.2	26.4	31	23.5	93	97	66	61	82	86	80.8	.....
15..	56.08	55.93	56.52	52.57	51.61	50.95	53.94	23.2	23.5	25.3	24	25.4	25.6	24.5	25.6	22.6	95	96	93	97	94	95	95	67.1
16..	48.48	50	52.84	52.52	53.85	56.10	52.30	25.5	23.6	27.7	28	26	25	26	28.9	23.2	96	95	76	80	79	95	86.8	2
17..	55.44	54.89	55.81	53.40	55.22	57.03	55.30	24.7	23.3	25.3	26.3	25	25	24.9	27	22.2	94	85	89	87	96	95	91	13.2
18..	55.68	55.69	57.61	55.37	56.01	57.49	56.31	24.8	24	27	27.5	26.7	25.5	25.9	28.5	23.6	95	96	92	84	90	92	91.5	.3
19..	56.89	57.60	58.39	57.24	57.58	59.15	57.81	25	25.2	28.4	25.4	24.7	24.5	25.5	30.9	24	96	97	82	93	97	97	93.7	46.5
20..	58.46	58.51	59.71	57.38	58.01	59.59	58.61	24.5	24	27.6	29.9	26.4	25.4	26.3	30.5	23.5	96	97	80	72	89	93	87.8	.5
21..	58.66	58.45	59.12	56.44	56.18	56.94	57.63	24.9	24.4	27.1	30.1	26.8	25.5	26.5	30.4	23.7	96	97	88	71	83	93	88	.....
22..	55.76	54.92	55.19	52.23	52.98	55.03	54.35	25.2	25.1	27.8	29.2	25	25	26.2	30.6	23.8	93	94	87	84	95	94	91.2	76
23..	55.83	57.53	58.75	57.42	58.69	59.86	58.01	24.6	24.5	25.6	25.8	26	24.6	25.2	28	23.5	95	92	91	85	87	95	90.8	3
24..	59.13	59.92	60.34	58.19	58.39	60.01	59.33	24	23.4	28.8	30.5	27.5	25.5	26.6	30.6	22.7	95	97	80	71	85	91	86.5	.....
25..	59.21	59.88	60.60	58.37	59.21	60.75	59.67	24.8	24.2	27	28.5	26.2	24.7	25.9	29.8	23.4	93	97	80	74	82	91	86.2	.....
26..	60.06	60.67	61.80	59.82	60.84	62.30	60.92	23.7	23.2	28.2	31.5	26.8	25.2	26.4	32.2	22.8	96	98	82	66	78	87	84.5	.8
27..	61.81	62.64	63.81	61.76	62.01	63.28	62.55	24.5	23.4	29.5	30.6	27.5	24.6	26.7	31.9	23	91	92	67	64	76	87	79.5	.....
28..	62.30	62.84	63.51	61.29	61.98	63.34	62.54	23.6	23.5	29	29.8	26.5	24	26.1	31	22.8	91	91	72	69	84	91	83	.....
29..	61.76	61.93	62.32	59.50	59.92	61.27	61.12	23	23	28.2	31	26.9	25	26.2	31.5	22.2	96	96	70	57	70	85	79	.....
30..	60.41	60.28	61.37	59.07	59.53	60.92	60.26	24	23.5	28.8	30.2	27.8	25.5	26.6	30.6	22.5	91	89	69	68	77	84	79.7	.....
31..	60.39	60.58	62.16	60.06	60.50	61.81	60.92	24.5	24.5	28.9	30.4	26.9	24.5	26.6	31.4	22.8	91	94	75	66	72	84	80.3	.....
Mean	58.06	58.37	59.41	57.21	57.91	59.18	58.36	24.6	24	27.8	28.9	26.5	25.2	26.2	30.3	23.4	94	94.7	80.7	75.1	84.6	91	86.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	248.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	W	2	WSW	2	SW	2	NW	3	WNW	3	WNW	3	2.5	9	Ci.-S.		Cu. W	6	Ci.-S.	Cu.-N.
2..	WNW	2	Calm	....	WNW	5	WNW	5	WNW	5	W	4	3.5	9	Ci.-S.		S.-Cu. NW	5	Ci.	Cu. NW
3..	W	3	W	3	WSW	2	WSW	3	WSW	2	SW	1	2.3	10	Ci.-S.		S.-cu. WNW	10	Ci.-S.	cu.-N. WNW
4..	SW	1	SW	1	SW	3	SW	2	SW	2	SW	1	1.7	10	Ci.-S.		S.-Cu. W	8	Ci.-S.	cu.-N. WSW
5..	SW	1	SW	1	SSW	3	SSW	3	SSW	1	SSW	1	1.7	7	Ci.		Cu. SW	10	Ci.-S.	Cu. SW
6..	SSW	1	S	1	S	2	S	1	Calm	....	S	1	1	7	Ci.		Cu. SW	10	Ci.-S.	cu.-N. SSW
7..	Calm	....	Calm	....	NW	1	W	4	SW	1	NW	1	1.2	8	Ci.		Cu. SW	8	Ci.-S.	Cu.-N. W
8..	NW	1	NW	1	E	1	E	1	NE	2	NE	1	1.2	5	Ci.		S.	5	Ci.	Cu.-N.
9..	N	1	N	1	NE	1	NE	2	N	2	NE	1	1.3	10	Ci.		S. N	8	Ci.-S.	Cu.-N. E
10..	NE	1	NE	1	E	1	E	2	E	1	E	1	1.2	6	Ci.		S.	8	Ci.-S.	Cu.-N.
11..	N	1	NW	1	N	2	N	1	E	2	E	1	1.3	10	Ci.		S. NW	5	Ci.	Cu. NE
12..	E	1	Calm	....	NE	1	E	4	E	2	Calm	....	1.3	6	A.-Cu.		S.-Cu.	7	Ci.	Cu.-N. E
13..	N	1	Calm	....	N	1	SW	1	N	1	N	1	.8	7	Ci.		S.	7	Ci.	Cu.
14..	NW	1	NW	1	NE	3	NW	2	NW	2	NW	1	1.7	7	Ci.		Cu. NNW	5	Ci.	Cu. NW
15..	NW	1	NW	1	W	1	SW	3	WNW	4	WNW	5	2.5	10	Ci.-S.		Cu. NW	10	Ci.-S.	N. WNW
16..	W	4	SW	4	S	4	SSE	2	SE	4	SE	2	3.3	10	Ci.-S.		N. SW	10	Ci.-S.	Cu.-N. S
17..	SE	2	ENE	4	ESE	3	SE	3	S	2	SSE	3	2.8	10	Ci.-S.		Cu.-N. S	10	Ci.-S.	N. S
18..	SSE	2	S	1	S	2	S	4	S	1	S	1	1.8	9	Ci.-S.		Cu. S	9	Ci.-S.	Cu. S
19..	S	1	S	1	SE	1	S	2	S	1	S	1	1.2	9	Ci.-S.		S.-Cu. S	10	Ci.-S.	N. S
20..	S	1	Calm	....	S	1	NW	2	NE	1	NE	1	1	7	Ci.-S.		S.-Cu. S	7	Ci.-S.	Cu.-N.
21..	N	1	N	1	NE	2	NW	3	NW	2	Calm	....	1.5	8	Ci.		S. N	5	Ci.	Cu. NNW
22..	NW	1	NW	2	SW	3	SW	4	SSW	5	SSW	5	3.3	10	Ci.-S.		S.-Cu. NW	9	Ci.-S.	Cu.-N. W
23..	SSW	4	SSW	4	SSW	4	SSW	4	SSW	2	SSW	1	3.2	10	Ci.-S.		Cu. SSW	10	Ci.-S.	Cu. SW
24..	SSW	1	SSW	1	SSW	2	SW	2	SW	2	Calm	....	1.3	5	A.-Cu.		Cu. SW	5	A.-Cu.	Cu. W
25..	SW	1	SW	1	NW	3	NW	3	NW	2	W	1	1.8	9	Ci.		Cu. SW	6	Ci.	Cu.-N. W
26..	NE	1	Calm	....	S	1	NE	2	E	2	N	2	1.3	6	Ci.		Cu.	6	Ci.	Cu.-N.
27..	NW	1	NW	1	NE	4	NE	3	NE	2	NE	2	2.2	3	Ci.		Cu.	2	Ci.	Cu. ENE
28..	NE	1	NE	1	NE	2	NE	2	NE	2	E	1	1.5	5	Ci.		S.-Cu. E	7	A.-Cu.	Cu. E
29..	E	1	E	1	NW	2	E	2	E	1	N	1	1.3	7	Ci.		Cu. E	3	A.-Cu.	Cu. E
30..	NW	1	NW	1	NE	2	NE	2	E	1	E	1	1.3	7	Ci.		S.-Cu. E	6	A.-Cu.	Cu. E
31..	NE	1	Calm	....	NE	1	E	3	E	2	NW	1	1.3	8	Ci.		Cu. E	6	A.-Cu.	Cu. E
Mean	.....	1.4	.....	1.2	.....	2.1	.....	2.6	.....	2	.....	1.5	1.8	7.9	.....	.....	.....	7.2	.....	.....

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+ [a]							Air temperature. [a]								Relative humidity. [a]							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	61.36	61.29	61.96	59.61	59.79	61.18	60.86	22.5	21.7	28.5	31	26.6	23.6	25.6	31.5	21.4	90	94	64	62	69	86	77.5	.....
2	60.63	60.67	61.45	59.03	59.75	61.20	60.46	22.6	21.6	28	29	27.1	24.2	25.4	29.8	21	91	95	68	68	.....	.....	80.5	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
5	60.51	60.80	61.80	59.55	60	61.69	60.72	22	21.4	28.1	30.1	27.4	24.5	25.6	32	20.1	91	95	66	67	64	79	77	.....
6	60.86	61.04	61.84	59.60	60.24	61.39	60.83	22.5	21.5	29	31.1	27.4	24.6	26	32.1	20.7	87	92	62	56	72	83	75.3	.....
7	61.07	61.46	62.17	60.62	60.62	61.84	61.30	23	22.1	29.6	30	27.2	25	26.2	30.6	21.5	91	94	67	67	71	83	78.8	0.8
8	61.02	61.56	62.54	60.58	61.23	62.39	61.55	23.6	23.3	29	31.5	27	24.2	26.4	32.1	22.7	88	89	75	63	75	86	79.3	.....
9	62.20	62.44	63.30	60.75	61.35	62.99	62.17	23	21.7	28.4	31.5	26.7	23.6	25.8	32	21.2	91	94	66	54	69	86	76.7	.....
10	62.06	62.51	63.64	61.26	61.63	63	62.35	23	22.5	29.6	30.6	26.8	24	26.1	32	21	83	84	62	58	71	83	73.5	.....
11	62.06	62.58	63.88	61.26	61.99	63.56	62.56	22.8	23.8	27.2	31.1	26.4	23.7	25.8	31.7	21.5	84	69	67	49	68	79	69.3	.....
12	62.01	62.14	62.69	60.63	61.64	62.75	61.98	23.7	22	29.9	30	26.8	25	26.2	31	21.5	77	87	60	62	67	70	70.5	.....
13	61.99	62.70	63.43	61.12	61.88	63.17	62.38	23.6	22	29.7	30.5	26.8	24.6	26.2	31.6	21	80	88	60	57	75	87	74.5	4.8
14	62.14	62.85	63.34	60.68	61.37	63.04	62.24	23.5	23.4	25.8	29.8	26.6	25.2	25.7	30.5	22.6	91	95	85	70	80	86	84.5	.....
15	62.06	62.49	63.74	60.98	61.67	63.03	62.33	23.4	23.4	27	31	26.6	22.4	25.6	31.4	20.7	88	88	77	52	65	83	75.5	.....
16	62.04	62.21	62.72	60.52	60.87	62.36	61.79	20.6	19.5	28.6	30.4	26.6	22.5	24.7	31	19	85	91	55	54	68	85	73	.....
17	61.41	61.86	62.27	60.02	60.84	61.85	61.38	21.5	21	28.8	31.9	26.6	23.6	25.6	32.9	19.8	85	85	62	58	76	86	75.3	.....
18	61.45	61.72	62.68	60.08	60.46	61.86	61.38	21.5	19.6	27.6	30.9	26	22.2	24.6	31.4	19	88	94	60	51	67	82	73.7	.....
19	61.33	61.56	62.29	60.39	60.65	62.09	61.38	20.8	19.2	27	28.1	26.2	24.6	24.3	29.1	18.6	85	93	67	66	70	82	77.2	.....
20	61.66	62.39	63.53	60.82	61.19	62.04	61.94	22	21.9	27.5	30.4	26	24.1	25.3	30.8	21	95	96	73	54	69	76	77.2	.....
21	61.25	61.63	62.40	59.88	60.41	61.91	61.25	20.6	19.4	27.5	31	26	23	24.6	31.4	19	91	92	66	56	72	87	77.3	.....
22	61.15	61.63	62.07	59.63	60.17	61.78	61.07	21	19.4	27.4	30.6	27.8	25	25.2	31	19	91	96	68	56	74	88	78.8	.....
23	60.93	60.94	61.83	59.53	60.17	61.50	60.82	23	21.8	28.1	30.7	27.8	25.5	26.2	31.8	21.4	91	95	73	62	73	84	79.7	.3
24	60.89	60.98	61.93	59.46	60.65	61.86	60.96	24.2	22.6	28.4	30.4	26.6	24.1	26	32.4	21.7	90	95	70	69	77	86	81.2	.....
25	60.99	61.08	62.27	59.76	59.94	61.13	60.86	22.8	21.5	27.2	28.6	26.5	24	25.1	30.5	20.8	88	94	73	77	80	86	83	.5
26	60.88	60.97	61.98	59.40	59.74	61.55	60.75	23	22	27.5	31.6	28.5	25.4	26.3	32.6	21	87	91	72	54	67	84	75.8	.....
27	61.02	61.46	62.22	59.41	59.91	61.82	60.97	24.7	23.6	28.1	32	28.5	25	27	32	23	86	93	73	57	70	88	77.8	.....
28	60.72	61.34	61.98	59.63	60.09	61.55	60.88	23.5	21.5	28.2	30.5	27.4	25	26	32.5	20.7	91	97	68	61	68	80	77.5	.....
29	61.13	61.77	62.68	60.52	60.96	62.17	61.54	22.6	21.1	28.9	30.8	27.6	25.1	26	32	20.6	89	95	62	57	68	79	75	.....
30	61.56	61.88	62.51	60.47	61.12	62.70	61.71	23.4	22.4	29.4	30.6	27.4	24.5	26.3	32.6	22	88	93	62	53	64	81	73.5	.....
Mean	61.37	61.71	62.54	60.19	60.73	62.12	61.44	22.7	21.7	28.2	30.6	27	24.2	25.7	31.5	20.8	87.9	91.6	67.2	59.6	70.7	83.1	76.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.4

Day.	Wind. [a]												Mean force.	Clouds. [a]					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1	NW	1	NE	1	N	2	E	2	E	3	NW	1	1.7	2	Ci.	.....	3	Ci.	Cu. E
2	NW	1	Calm	....	NE	1	NE	2	.....	.....	.....	....	1	2	Ci.	Cu.	6	Ci.	Cu. E
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	N	1	NW	1	NW	2	NW	3	E	4	E	2	2.2	3	Ci.	Cu. NE	6	Ci.	Cu. NE
6	N	1	Calm	....	NE	1	E	4	E	4	E	2	2	4	Ci.	Cu. ENE	3	Ci.	Fr.-Cu. E
7	N	1	NE	1	NE	3	E	2	E	2	NE	1	1.7	5	Ci.	Cu. E	5	Ci.	Cu. E
8	NE	1	NE	1	NE	2	E	4	E	2	NE	1	1.8	5	Ci.	Cu. E	6	Ci.	Cu. E
9	N	1	NE	1	NE	2	E	2	NE	2	NE	1	1.5	2	Ci.	Cu.	6	Ci.	Cu. E
10	NE	2	NE	2	NE	4	NE	3	NE	2	NE	2	2.5	3	Ci.	Cu.	4	Ci.	Cu. E
11	NE	2	NE	3	NE	3	ENE	3	E	2	NE	2	2.5	4	Ci.	Cu. E	2	Ci.	Cu. E
12	NE	2	NW	1	NE	3	NE	2	NE	2	NE	2	2	3	Ci.	S.-Cu.	5	Ci.	Cu. ENE
13	NE	1	NE	1	E	4	E	5	NE	3	NE	1	2.5	7	Ci.	Cu. E	3	Ci.	Cu. E
14	N	1	N	2	N	2	ENE	2	ENE	2	ENE	2	1.8	9	Ci.-S.	Cu.-N. E	6	Ci.	Cu. ENE
15	NE	2	NE	2	E	3	E	3	E	2	N	1	2.2	8	Ci.	Cu.-N. E	3	Ci.	Cu. E
16	N	1	N	1	NE	3	NE	2	NE	2	N	1	1.7	2	Ci.	Cu.	4	Ci.	Cu. NE
17	NE	1	NE	1	NE	3	NE	2	NE	2	NE	1	1.7	3	Ci.	Cu. E	6	Ci.	Cu. ENE
18	NE	1	NE	1	NE	2	E	3	E	2	E	1	1.7	1	.....	Cu.	3	A.-Cu.	Cu. E
19	E	1	E	1	ENE	1	NE	3	E	2	Calm	....	1.3	2	.....	Cu.	9	Ci.	S.-Cu. E
20	N	1	N	1	E	2	E	4	E	2	NE	2	2	6	Ci.	Cu. E	7	A.-Cu.	Cu. E
21	N	1	N	1	NE	1	E	3	E	2	NW	2	1.7	4	Ci.	Cu.	2	Ci.	Cu. E
22	NW	1	N	1	N	2	NW	2	NW	2	NW	2	1.7	3	Ci.	S.-Cu.	3	Ci.	Cu.-N.
23	NW	1	N	1	NW	1	E	2	E	2	N	1	1.3	4	Ci.	S.-Cu.	5	A.-Cu. SE	Cu. E
24	N	1	N	1	NE	2	NE	2	E	2	N	1	1.5	8	Ci.	S. N	6	Ci.	Cu. ENE
25	N	1	N	1	NE	1	SE	2	SE	1	NE	1	1.2	3	Ci.	Cu.	7	A.-Cu.	Cu.-N. E
26	ENE	1	E	1	NE	1	NE	1	NW	2	NW	1	1.2	1	Ci.	.....	4	A.-Cu.	Cu. E
27	Calm	....	Calm	....	NW	2	NE	2	NE	1	NW	1	1	5	Ci.	Cu. NW	5	A.-Cu.	Cu. E
28	NW	1	NW	1	NW	1	E	4	E	4	NE	1	2	5	Ci.	S. NW	5	Ci.	Cu. E
29	N	1	N	1	NE	1	NE	1	E	3	NE	2	1.5	2	Ci.	Cu.	7	A.-Cu.	Cu. E
30	NE	1	N	1	NE	1	E	4	E	4	NE	1	2	7	Ci.	Cu. E	6	A.-Cu.	Cu. E
Mean	.....	1.1	.....	1.1	.....	2	.....	2.6	.....	2.3	.....	1.3	1.7	4	.....	.....	4.9	.....	.....

[a] 28 days of observation.

SAN ISIDRO, NUEVA ECIJA.

[ϕ=15° 19′ N; λ=120° 53′ E; barometer above sea, 20 meters; gravity correction not applied, —1.69 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p.m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.81	62	62.59	59.96	60.71	62.24	61.55	22.6	21	27.5	31.1	26.5	23.2	25.3	32.4	20.4	90	91	66	51	66	81	74.2	.....
2..	61.41	61.93	62.62	59.87	60.74	62.07	61.44	21.2	19.6	27.5	31.9	27.1	25.5	25.5	32.4	19	93	94	62	52	69	78	74.7	.....
3..	60.92	61.86	62.82	60.12	60.61	61.85	61.36	23.5	22.1	28.5	31	26.4	23.7	25.9	31.6	21.4	87	90	64	55	66	77	73.2	.....
4..	61.55	62.15	62.59	60.32	60.97	62.06	61.61	21	21.7	27.5	29.4	26.6	22.6	24.8	30	20.6	85	83	59	56	65	79	71.2	.....
5..	61.49	61.62	62.68	61.11	61.79	63.11	61.97	21	20.2	28.5	29.9	26	22.6	24.7	30.9	19.5	87	89	60	53	69	86	74	.....
6..	62.81	63.03	64.30	61.71	62.05	63.96	62.98	21	19.6	27.4	30.2	25.6	21.4	24.2	30.4	19	86	93	69	55	60	82	74.2	.....
7..	63.17	63.63	64.07	61.71	62.05	62.89	62.92	20.5	18.6	26.8	30	25.6	21.4	23.8	31	18.2	86	90	60	47	60	78	70.2	.....
8..	62.31	62.97	64.35	61.66	61.99	63.16	62.74	19.2	18.5	26.6	30.6	26	22.9	24	31.5	17.4	88	90	65	42	62	79	71	.....
9..	62.29	62.62	63.23	60.18	61.19	62.50	62	21	19.1	27.7	30.6	26.2	23.5	24.7	32	18.4	86	94	60	45	67	83	72.5	0.6
10..	61.56	62.69	63.07	60.68	61.19	62.36	61.92	23	21.4	28.7	30.6	26	23	25.4	31.4	20.9	87	96	57	50	62	78	71.7	.....
11..	61.39	61.53	62.09	59.87	60.42	61.74	61.17	20.2	18.5	26.8	30.9	27	24.2	24.6	32.6	17.9	91	97	64	50	63	74	73.2	.....
12..	60.67	61.49	61.89	59.68	60.09	61.64	60.91	20.5	19.4	27.8	31	26.8	23.8	24.9	31.8	18.5	91	94	62	48	64	77	72.7	.....
13..	60.59	61.11	62.18	59.96	60.71	61.74	61.05	22.6	22	26.2	29.6	26.2	24	25.1	30.9	21.2	82	87	64	52	70	78	72.2	.3
14..	61.08	61.60	62.19	59.52	60.09	61.39	60.98	22.8	22.6	28.1	31	26.8	23.9	25.9	32	22.1	88	90	73	60	74	84	78.2	.....
15..	61.18	61.51	62.55	60.55	61.03	62.14	61.49	22	20.8	27.5	30.9	27	24	25.4	32.2	20	87	93	69	60	67	83	76.5	.....
16..	61.70	61.60	62.95	60.87	61.79	62.81	61.95	23.5	21.5	26.7	30.2	27.1	23.9	25.5	31.6	20.6	87	90	78	60	70	84	78.2	.....
17..	62.19	62.71	63.39	60.81	61.10	62.94	62.19	21.8	20.6	27.4	31	26.6	23.5	25.2	32	20	89	92	63	50	67	83	74	.....
18..	62.39	62.93	63.65	61.57	61.59	62.82	62.49	21.5	19.4	27	28.4	25.8	22	24	29.6	18.6	87	91	70	68	73	86	79.2	.....
19..	62.84	63.03	63.68	61.57	62.39	63.54	62.84	20.8	19.6	27.5	30.7	26.5	23	24.7	31.1	19	89	92	76	65	73	87	80.3	.....
20..	62.97	63.17	63.44	60.81	61.49	62.65	62.42	20.5	21	28	31.4	27.2	24.5	25.4	32	19.4	91	91	77	63	75	83	80	.....
21..	61.89	62.56	62.89	60.23	60.97	61.80	61.72	21.8	20.6	27.8	31.5	27	23	25.3	31.9	19.8	88	91	68	57	70	83	76.2	.....
22..	61.33	61.78	62.71	59.91	60.25	61.06	61.17	20.7	19.6	24.2	30.3	26.5	21.2	23.8	30.5	18.8	94	94	74	56	69	87	79	.....
23..	60.40	60.82	62.44	59.54	60.09	61.19	60.75	20.2	18	25.8	31.2	27	21.4	23.9	31.8	17.2	96	94	64	45	60	79	73	.....
24..	60.84	61.05	61.99	58.64	58.97	60.98	60.41	18	16.5	26	31.4	27.8	22.6	23.7	31.9	15.5	90	90	66	44	59	78	71.2	.....
25..	59.83	59.65	60.18	56.53	56.86	57.55	58.43	21	19.7	25.5	31.5	28.5	27	25.5	31.9	19	82	89	76	59	67	75	74.7	.8
26..	57.19	57.56	58.99	57.70	58.15	59.96	58.26	25.2	24.9	26.6	28.1	27.2	24	26	28.4	22.7	87	87	76	63	68	83	77.3	1
27..	59.08	59.33	61.04	58.82	60.09	61.70	60.01	23	22.5	27.4	31.6	27.4	23.5	25.9	32.1	21.8	91	96	83	59	70	87	81	.....
28..	60.91	60.95	62.62	59.78	60.19	62.06	61.08	22	21.7	26.6	31.5	27.7	24.7	25.7	32.4	20.2	91	94	78	60	72	86	80.2	.....
29..	61.69	61.81	62.32	60.05	60.98	62.02	61.48	23.4	22.8	29.1	32.2	27.7	24.6	26.6	33.9	21.6	91	91	70	59	72	87	78.3	.....
30..	61.76	62.49	63.29	60.35	61.29	62.94	62.02	22.8	22	27.5	31.6	26	24.5	25.7	31.8	21.4	89	95	72	60	80	87	80.5	.....
31..	62	62.59	63.70	61.27	61.59	62.84	62.33	23.5	22.7	27.5	29.4	26	24.8	25.6	31.5	22.3	91	94	72	62	73	80	78.7	.....
Mean	61.39	61.80	62.66	60.17	60.76	62.06	61.47	21.7	20.6	27.2	30.7	26.7	23.5	25.1	31.5	19.8	88.6	91.7	68.3	55	67.8	81.7	75.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.7

Day.	Wind.												Mean force.	Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	N	1	N	1	N	1	E	4	E	1	N	1	1.5	4	Ci.	Cu.	5	A.-Cu.	Cu.	E
2..	N	1	N	1	N	1	NE	2	E	3	NE	1	1.5	2	Ci.	Cu.	6	A.-Cu.	Cu.	ENE
3..	NE	1	E	1	E	1	E	3	E	2	E	1	1.5	6	A.-Cu.	S.-Cu. E	4	Ci.	Cu.	E
4..	NE	4	NE	3	NE	3	E	4	E	3	N	1	3	5	Ci.	Cu. E	7	Ci.	Cu.	E
5..	N	1	N	1	NE	2	E	5	E	4	E	2	2.5	5	Ci.	Cu. NE	4	Ci.	Cu.	E
6..	NE	1	NW	1	NE	4	E	4	E	3	E	1	2.3	2	Ci.	S.-Cu. E	5	A.-Cu.	Cu.	E
7..	N	1	N	1	E	2	E	5	E	3	E	1	2.2	4	Ci.	Cu. E	2	A.-Cu.	Cu.	E
8..	N	1	N	1	E	2	E	3	E	2	N	1	1.7	2	Ci.	Cu.	3	A.-Cu.	Cu.	E
9..	N	1	N	1	NE	2	NE	3	ENE	2	NE	1	1.7	3	Ci.	Cu.	5	Ci.	Cu.	E
10..	NE	1	NE	1	E	4	E	4	E	4	E	1	2.5	2	Ci.	Cu. E	2	Ci.	Cu.	E
11..	NW	1	NW	1	NW	2	E	3	E	3	E	1	1.8	2	Ci.	Cu. NE	3	Ci.	Cu.	E
12..	NW	1	NW	1	N	2	E	3	E	1	N	1	1.5	2	Ci.	.....	2	Ci.	Cu.	E
13..	N	1	NE	1	NE	2	NE	2	E	1	N	2	1.5	6	Ci.	Cu. NE	8	Ci.	Cu.	E
14..	N	1	N	1	NE	2	E	3	E	2	E	1	1.7	5	Ci.	Cu. E	7	A.-Cu.	Cu.	E
15..	NE	1	N	1	N	1	E	3	E	3	E	1	1.7	5	Ci.	Cu. E	6	A.-Cu.	Cu.	E
16..	N	1	N	1	NE	1	E	3	E	2	N	1	1.5	5	Ci.	Cu. E	4	Ci.	Cu.	E
17..	N	1	N	1	N	1	E	3	E	2	N	1	1.5	2	Ci.	Cu.	3	Ci.	Cu.	
18..	N	1	N	1	N	1	E	5	E	3	NW	1	2	4	Ci.	Cu. E	7	Ci.	Cu.	E
19..	NW	1	NW	1	N	2	E	3	E	4	E	1	2	3	Ci.	Cu.	2	Ci.	Cu.	
20..	N	1	NW	2	NW	1	E	3	E	2	N	1	1.7	5	Ci.	S.-Cu. E	4	Ci.	Cu.	
21..	N	1	Calm	....	N	2	E	4	E	2	N	1	1.7	5	Ci.	Cu.	5	Ci.	Cu.	E
22..	NW	2	NW	1	N	2	ENE	2	ENE	1	N	2	1.7	8	Ci.	S.-Cu.	6	Ci.	Cu.	
23..	N	1	N	1	N	2	N	2	NE	1	NE	1	1.3	3	Ci.	.....	3	Ci.	Cu.	
24..	N	1	N	1	NE	2	NE	2	NE	2	NW	1	1.5	4	Ci.	Cu.	3	Ci.	.....	
25..	NW	1	N	1	N	2	N	4	NNE	5	NNE	7	3.3	8	Ci.	Cu. NNE	8	Ci.-S.	Cu.	NE
26..	NNE	3	NE	2	ENE	4	ENE	4	E	2	E	2	2.8	10	Ci.-S.	Cu.-N. E	10	Ci.-S.	Cu.-N.	E
27..	E	2	E	2	E	2	E	4	E	2	E	2	2.3	7	Ci.	Cu. E	5	Ci.	Cu.	E
28..	E	1	Calm	....	E	2	E	1	E	2	E	2	1.3	10	Ci.-S.	S.-Cu. E	7	Ci.	Cu.-N.	E
29..	NE	1	N	1	E	2	E	3	E	2	N	1	1.7	3	A.-Cu.	Cu.	5	Ci.	Cu.	E
30..	N	1	NE	1	NE	1	E	3	E	2	N	1	1.5	5	Ci.	S.-Cu.	6	Ci.	Cu.	E
31..	N	1	Calm	....	NE	1	E	5	E	4	E	1	2	6	Ci.	S.-Cu. E	7	Ci.	Cu.	E
Mean	.....	1.3	.....	1.1	.....	1.9	.....	3.3	.....	2.4	.....	1.4	1.9	4.6	.....	.....	5	.....	.....	

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.41	59.60	60.74	58.84	59.11	60.28	59.66	21.9	20.6	26.5	27.5	26	25	24.6	29.8	20.3	75	83	63	64	76	80	73.5	.....
2..	60.19	60.40	61.70	59.63	59.63	60.70	60.38	23.2	22.6	27.8	27.5	26	24.8	25.3	29.4	22.4	88	89	70	68	76	80	78.5	.....
3..	60.36	60.56	61.31	58.89	58.78	60.60	60.08	22.6	21.6	28.8	31.4	26.1	22.2	25.4	32.1	20.9	87	81	56	54	68	77	70.5	.....
4..	60.15	60.42	61.68	59.18	59.60	61.45	60.41	21.1	19.6	27.5	29.6	26	22.9	24.4	32	19.2	79	87	60	59	76	79	73.3	.....
5..	60.77	60.21	61.18	58.85	59.28	60.44	60.12	22.4	21.5	28.5	30.1	26.2	23	25.3	31	21	82	83	60	52	70	73	70	.....
6..	59.77	60.45	61.87	59.58	59.89	61.31	60.48	22.5	22	25.8	29.6	25.3	21.6	24.5	29.9	20.7	72	74	56	53	62	77	65.7	.....
7..	60.47	60.18	61.65	59.16	60.16	61.64	60.54	21.1	21.1	28.3	27.8	25.6	22.5	24.4	30.7	20.4	77	74	54	60	75	70	68.3	.....
8..	60.96	61.47	62.76	60.50	61.29	62.92	61.65	20.6	19.4	27.2	28.7	23.1	20.4	23.2	29.4	18.5	72	74	48	56	58	61	61.5	.....
9..	61.82	62.06	63.17	60.63	60.81	62.47	61.83	18.6	18.1	25	28.1	23	19.2	22	29.2	17.8	68	70	51	40	51	70	58.3	.....
10..	61.72	61.49	62.30	59.92	60.65	61.61	61.28	18.8	18.5	26.4	30.1	23.9	20.5	23	30.3	17.8	70	70	49	41	71	76	62.8	.....
11..	61.12	61.47	62.27	59.68	60.28	61.70	61.09	20	18.2	27.5	29	25.5	22.2	23.7	30.5	17.9	75	83	52	52	72	84	69.7	.....
12..	60.76	60.47	61.10	59.03	59.71	60.74	60.30	21.5	19.5	28.5	29.7	26	25.6	25.1	31.7	19	85	91	59	60	73	77	74.2	.....
13..	60.07	59.82	61.20	59.56	59.71	60.84	60.20	21.9	21.1	27	27.2	25.6	25.1	24.6	29.5	20.8	88	91	72	71	80	83	80.8	.....
14..	60.65	60.22	61.40	59.15	59.48	61.52	60.40	24.4	23.4	27.3	28.4	25.1	22.5	25.2	28.8	21.5	85	83	69	64	78	78	76.2	.....
15..	60.63	60.72	62.08	60.13	60.45	61.62	60.94	21.5	20.1	27.9	29.5	25.5	21.4	24.3	31.5	19.7	74	79	56	54	76	78	69.5	.....
16..	61.27	61.48	62.02	59.48	59.68	60.97	60.82	20.5	19.4	26.9	28.8	25.1	22.4	23.8	30.5	19	78	81	58	58	60	72	67.8	.....
17..	60.58	60.41	61.56	58.89	58.33	60.35	60.02	20.7	20.7	25.6	29.6	25.5	20.8	23.8	30.2	19.8	72	76	61	48	58	79	65.7	.....
18..	59.40	59.84	61	58.53	58.31	59.86	59.49	20.2	18	27.2	28	25.5	23	23.6	29.7	17.5	77	88	59	63	71	81	73.2	.....
19..	59.22	59.46	60.57	58.44	59.11	60.50	59.55	20.5	20.1	27.7	28.6	26	25.1	24.7	29.4	19.1	88	86	68	68	75	83	78	.....
20..	59.95	60.33	61.23	58.63	59.16	60.67	60	22.9	21.1	28	28.9	25.7	22.8	24.9	30	20.9	88	95	70	67	80	68	78	.....
21..	60.25	60.31	61.53	58.80	59.19	60.93	60.17	21	19.6	27.2	28.1	24.8	20.7	23.6	30	19.1	71	76	52	60	72	75	67.7	.....
22..	60.34	60.61	62.32	59.83	60.09	61.71	60.82	19.5	17.8	26.8	28	25	23.3	23.4	29.6	17.1	77	83	50	58	68	81	69.5	.....
23..	61.17	60.43	61.25	58.79	59.15	60.85	60.27	20	18.6	25.9	28.2	24.3	20.1	22.8	28.6	18.1	78	80	52	55	68	84	69.5	.....
24..	59.93	59.87	60.65	57.86	58.17	59.86	59.39	18.5	17	27.1	27.5	25	22	22.8	28.5	16.6	86	93	59	60	74	77	74.8	.....
25..	58.68	59.09	60.27	57.78	58.15	59.75	58.95	20.7	18.1	27.5	28.4	25.5	22.4	23.8	30.5	17.6	80	91	59	64	75	68	72.8	.....
26..	59.33	59.55	61.17	58.68	59.18	60.41	59.72	21.1	20.5	26.6	29.6	25.5	22.7	24.3	30.6	19.9	74	74	58	46	66	71	64.8	.....
27..	59.71	60.06	60.90	58.57	58.62	60.21	59.68	21.6	21.5	27.5	28.2	25.1	22.6	24.4	29.6	21	72	70	54	60	72	81	68.2	.....
28..	59.98	60.05	60.77	57.96	57.96	59.52	59.37	21.7	21.3	25.6	27.5	24.5	22.2	23.8	29.1	20.8	85	88	67	65	74	76	75.8	.....
29..	58.91	58.81	59.75	57.54	57.75	59.72	58.75	21	20.2	28.2	31	26.6	22.2	24.9	32.3	19.1	78	83	57	50	59	76	67.2	.....
30..	58.86	58.78	59.76	57.77	57.82	59.69	58.78	21.4	21.4	25.5	27.7	25.5	24	24.2	29.6	20.5	78	78	68	68	77	87	76	.....
31..	59	59.07	60.47	58.43	59.23	60.32	59.42	23	22.6	26.8	29.4	25	22.9	25	30	22.4	83	78	63	55	79	77	72.5	.....
Mean	60.18	60.25	61.34	58.99	59.31	60.81	60.15	21.2	20.2	27.1	28.8	25.3	22.5	24.2	30.1	19.6	78.8	81.7	59	57.8	70.6	76.7	70.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	NNW	NW	Calm	48.9	34.3	59.7	23.6	166.5	10	.....	S.-Cu.	10	A.-Cu. SW	S.-Cu.
2..	Calm	WNW	NNW	NW	NW	NNW	13.2	50.9	122.9	52.8	239.8	9	A.-Cu. W	S.-Cu.	5	A.-Cu.	Cu.
3..	E	SE	SE	NNE	WNW	SSE	47.7	66.6	57.4	87.4	259.1	9	.....	S.-Cu.	3	Ci.	Cu.
4..	S	SE	SE	NNW	NW	S	68.7	39.9	56	39.7	204.3	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
5..	SE	SE	SE	SSE	N	SSE	42.4	82.6	61.4	81.5	267.9	6	A.-Cu.	S.-Cu.	10	A.-Cu. SSW	Cu.
6..	S	S	SbyE	SSE	SE	S	88.7	70.8	65.4	81.3	306.2	10	.....	S.-Cu.	10	A.-Cu.WSW	S.-Cu.
7..	S	S	EbyS	NNW	Calm	SSE	86.3	57.1	53.4	79.4	276.2	6	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
8..	S	S	SE	NNW	SE	SSE	69.5	84.7	63.1	93.9	311.2	1	Ci.	Cu.	2	Ci.	Cu.
9..	S	S	SSE	SE	ESE	S	87.5	96.3	113.8	98.4	396	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.
10..	SSE	S	SSE	SE	Calm	SSE	81.1	95.6	66.3	76.2	319.2	2	Ci.	S.-Cu.	1	Ci.	Cu.
11..	S	SE	SSE	NNW	NNW	Calm	65	71.9	75.6	26.4	238.9	2	Ci.	S.-Cu.	1	A.-Cu.	S.-Cu.
12..	Calm	SW	SE	NNW	NW	NW	14.7	32.7	75.8	40.7	163.9	1	Ci.	S.-Cu.	8	Ci.-S. SbyW	Cu.
13..	SSW	Calm	SE	NW	NW	NW	25.2	29.8	77.2	73.2	205.4	10	.....	S.-Cu.	10	A.-Cu. E	S.-Cu.
14..	N	NNW	NW	NW	N	S	58.5	81.6	69.8	45.9	255.8	9	Ci.-S.	S.-Cu.	1	Ci.-Cu.	Cu.
15..	SSE	SE	SE	NW	NbyW	S	60.4	62.2	67.1	43.3	233.5	4	Ci.	S.-Cu.	6	Ci.	Cu.
16..	SSE	S	SSE	NW	SE	S	74.5	72.6	49.6	94.6	291.3	2	Ci.	S.-Cu.	8	Ci.-S.	Cu.
17..	S	S	SSE	SSE	SE	SE	101.7	100.8	82.1	51.3	335.9	9	A.-S.	S.-Cu.	10	Ci.-S.	S.-Cu.
18..	SSE	SE	SE	NNW	NNW	S	72.7	43.7	85.1	33.2	234.1	1	.....	S.-Cu.	2	Ci.	Cu. ESE
19..	S	S	Calm	NW	NNW	N	32.8	33.6	87.9	68.9	223.2	4	.....	S.-Cu.	2	Ci.-Cu.	Cu.
20..	N	ENE	SW	NW	NNW	SSE	31.6	35.6	89.5	70.3	227	7	A.-Cu.	S.-Cu.	1	A.-Cu.	Cu.
21..	S	S	SE	NW	NNW	SSE	99.3	69.5	73.5	62.8	305.1	1	.....	Cu.	3	Ci.	Cu.
22..	S	SE	SE	NW	NW	Calm	67.3	50.4	85	58.7	261.4	1	Ci.	S.-Cu.	1	Ci.	Cu.
23..	SE	SSE	SE	NW	NW	W	85.1	46.7	70.3	20.4	222.5	5	Ci.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
24..	Calm	W	SE	NW	NNW	SSE	18.2	32.4	84	61.7	196.3	9	Ci.-S.	.....	1	Ci.	Cu.
25..	SSE	Calm	ESE	NNW	NW	SSE	49.4	43.5	54.2	77.4	224.5	5	Ci.	S.-Cu.	8	Ci.-S.	Cu.
26..	S	S	SE	SE	NW	S	98.5	84.2	70.8	57.3	310.8	7	Ci.	S.-Cu.	9	A.-Cu.WSW	Cu.
27..	S	SE	SE	NNW	NW	S	72.2	56.9	84.8	55.3	269.2	10	A.-S.	S.-Cu.	4	A.-Cu.	Cu.
28..	Calm	Calm	SE	NNW	NW	SE	17.5	34	78.1	44.1	173.7	10	A.-S.	S.-Cu.	7	Ci.	Cu.
29..	SE	SE	SSE	SSE	SSE	SSE	75.6	54.1	73.2	87.7	290.6	5	Ci.	S.-Cu.	3	A.-Cu.	S.-Cu.
30..	SE	SE	SE	NNW	NW	SW	88.2	45.7	65.2	36.7	235.8	9	A.-Cu.	S.-Cu.	10	A.-Cu.	S.-Cu.
31..	S	SE	SE	SE	NNW	S	48.3	76.9	69.5	64.7	259.4	10	.....	S.-Cu.	10	A.-Cu.	Fr.-N. E
Mean	.....	.....	.....	.....	.....	.....	61	59.3	73.8	60.9	255	5.9	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,904.7	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.77	60.51	61.37	59.30	59.87	60.80	60.27	21.5	21.2	25.6	28.5	25	21.7	23.9	29.6	20.7	78	77	64	55	64	75	68.8	.....
2..	59.35	59.67	61.64	59	59.01	60.09	59.79	21.7	22.7	27.5	28.6	26.5	23.4	25.1	30	21	74	73	61	56	59	72	65.8	.....
3..	58.90	59.82	60.94	58	57.75	59.15	59.09	23.6	20.9	28.8	29.6	26.8	24.2	25.6	30.5	20.4	73	86	63	63	77	82	74	.....
4..	58.23	58.38	59.76	57.19	56.96	58.20	58.12	22.3	21.1	29.5	30.2	27.1	25.9	26	31.6	20.5	91	95	69	64	73	88	80	.....
5..	57.27	58.15	59.25	56.79	57.07	57.87	57.73	25.5	24	27.7	29.4	26	25.4	26.3	30	23.5	89	91	79	74	88	92	85.5	.....
6..	57.20	57.92	59.44	57.37	57.30	58.48	57.95	24.9	24	27.5	28	25.1	23.9	25.6	28.6	23.1	90	88	76	70	79	82	80.8	.....
7..	57.64	58.29	59.32	56.98	57.21	59.11	58.09	22	18.4	27	28.6	25.5	23.5	24.2	29.5	18	86	97	69	63	68	76	76.5	.....
8..	58.53	59.41	60.62	58.62	58.68	60.81	59.44	20.9	20.6	27.6	32	25	22.8	24.8	32.5	20	79	76	55	43	79	76	68	.....
9..	60.23	60.62	61.89	60.23	60.40	61.62	60.83	22	20	27.1	27.5	25.4	22.4	24.1	29	19.4	77	78	58	66	69	77	70.8	.....
10..	60.92	60.98	61.47	59.68	60.35	61.50	60.82	21	20.6	26.6	27.3	25.6	23	24	31	20.3	82	81	62	67	75	75	73.7	.....
11..	60.55	61.12	62.04	59.53	59.86	60.65	60.62	21.6	21.1	26.8	28.5	26.1	24.5	24.8	29	20.1	80	81	62	61	71	71	71	.....
12..	59.57	59.69	60.66	58.29	59.10	60	59.55	23.2	22.5	28	33	27	24.4	26.4	34	22.1	80	82	62	47	80	69	70	.....
13..	59.22	59.41	60.76	58.40	58.46	59.43	59.28	23.9	23.2	27.2	29	26.6	25	25.8	31.6	23	70	74	65	63	75	88	72.5	.....
14..	58.80	59.21	59.43	57.52	57.71	59.19	58.64	23.1	23.2	30.4	26.9	26.5	25.5	25.9	32.9	22.5	86	85	64	77	80	88	80	.....
15..	58.41	59.24	60.24	57.75	58.18	59.73	58.92	23.6	23.2	27	28	25.8	25.2	25.5	30.4	23	97	98	80	77	85	90	87.8	.....
16..	59.20	59.79	61.38	58.76	59.48	61.35	59.99	22.7	22.4	28.7	34.1	27	23.9	26.5	34.4	22	97	96	65	50	76	76	76.7	.....
17..	60.78	61.13	62.95	60.48	60.80	62.41	61.42	22.4	22.5	26.7	26.2	24.5	23.5	24.3	27.5	21.7	76	75	59	67	78	84	73.2	0.8
18..	61.82	61.98	63.25	60.86	60.59	62.52	61.84	22.3	20.4	24.1	27.7	24.7	21.2	23.4	29	19.6	76	89	70	55	61	68	69.8	.....
19..	61.62	61.29	62.75	60.25	60.80	62.52	61.54	19.5	19.9	23.2	28	24.5	21	22.7	28.5	18.9	73	70	61	50	67	70	65.2	.....
20..	61.83	61.97	63.14	60.39	60.49	62.18	61.67	20	19.7	26.5	27.3	25	21.5	23.3	29.4	19.3	69	71	55	60	66	70	65.2	.....
21..	61.36	61.77	63.62	60.61	60.35	62.20	61.65	20.1	19.1	24.2	28.4	25.4	22	23.2	30	18.5	76	78	64	53	70	81	70.3	.....
22..	61.60	62.46	63.50	60.56	60.47	62.27	61.81	19.5	18.5	27.5	28.4	25	22.2	23.5	29.1	18.1	87	90	60	61	73	70	73.5	.....
23..	61.57	61.94	63.09	60.05	60.59	62.90	61.69	20.6	20	27.1	31.5	25.9	22.8	24.6	32	19.5	75	74	55	42	47	65	59.7	.....
24..	62.45	62.91	64.17	61.43	61.55	63.13	62.61	22	19	27	29.6	25.6	21.6	24.1	32	18.6	67	76	48	48	67	74	63.3	.....
25..	62.72	62.30	63.30	60.55	61.06	62.25	62.03	20.6	18.6	27.3	29.6	26	24.4	24.4	31	18.1	81	88	56	55	69	75	70.7	.....
26..	61.55	61.53	62.35	59.78	60	61.70	61.15	21.8	20.7	30	31.5	26.9	23.7	25.8	32.5	20.3	85	89	59	53	69	85	73.3	.....
27..	61.31	61.57	62.44	59.98	60.60	62.01	61.32	21.7	20	29.7	33.5	26.6	25.6	26.2	35.2	19.7	87	91	57	51	83	84	75.5	.....
28..	61.34	61.41	61.78	58.93	59.88	61.50	60.81	22.8	21.4	30.4	32.5	26.7	25.8	26.6	35	20.9	90	88	58	58	83	85	77	.....
Mean	60.13	60.52	61.66	59.19	59.45	60.91	60.31	22	21	27.4	29.4	25.8	23.6	24.9	30.9	20.5	81.1	83.5	62.7	58.9	72.5	78.1	72.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	S	SSE	SSE	SSE	S	81.8	90.7	91.7	84.7	348.9	10	.....	S.-cu.wsw	10	A.-Cu. SW	S.-Cu.
2..	SSE	SSE	SE	NNW	SSE	SE	105.9	72.7	66	80.5	325.1	9	Ci.	S.-Cu.	9	A.-Cu. SE	S.-Cu.
3..	SSE	ESE	NE	NW	NW	S	65.7	34.4	66.6	37	203.7	3	Ci.	S.-Cu.	4	Ci.	Cu.
4..	Calm	SE	SE	NNW	NNW	NW	29.3	43.8	73.8	78.3	225.2	3	Ci.	S.-Cu.	8	A.-Cu. SSE	S.-Cu.
5..	NW	Calm	NW	NW	NW	NW	30.1	29.5	104.9	95.2	259.7	10	.....	S.-Cu.	1	Ci.	Cu.
6..	NW	NNW	NNW	NW	NW	NNW	87.2	112.3	139.8	135.7	475	1	Ci.	Cu.	1	Ci.	Cu.
7..	N	Calm	NbyE	NW	NW	SSE	38.4	34	76.9	53.4	202.7	1	.....	S.-Cu.	3	A.-Cu.	Cu. SE
8..	S	SSE	SSE	SSW	NNW	SSE	92.7	96.3	78.3	65	332.3	10	.....	S.-Cu.	9	Ci.-S.	S.-cf.
9..	SSE	S	ESE	NW	NW	S	68.9	47.3	82.4	49.6	248.2	7	Ci.	S.-Cu.	10	Ci.-S.	S.-Cu.
10..	SE	SE	SE	NNW	N	S	67.4	46.2	51.2	47.7	212.5	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
11..	SE	SE	SE	SE	Calm	S	52	63.4	39.7	44.1	199.2	8	A.-Cu.	S.-Cu.	10	A.-S.	Fr.-N.
12..	Calm	Calm	SE	ESE	NNW	SSE	20.3	34.9	84.2	78.9	218.3	10	A.-S.	S.-Cu.	9	A.-Cu. E	S.-Cu.
13..	S	SE	SE	NNW	NNW	NW	94.6	57.9	67.4	28.7	248.6	10	A.-S.	S.-Cu.	9	A.-Cu. EbyS	S.-Cu.
14..	S	E	SE	NNW	NW	NW	44.6	52	85.5	64.2	246.3	9	A.-Cu.	S.-Cu.	9	A.-Cu.	Fr.-N. SSE
15..	E	Calm	N	NW	NW	NW	23.1	35.2	104.9	63.8	227	10	A.-S.	S.-Cu.	8	A.-Cu.	Cu.
16..	Calm	Calm	SSE	SSE	NW	SSE	17.4	54.9	78.7	73.7	224.7	10	A.-S.	S.-Cu.	2	A.-Cu.	Cu.
17..	SSE	SSE	SSE	NNW	NNW	S	100.4	81.5	75.9	44.5	302.3	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
18..	S	SE	SE	SE	SbyE	SE	54.7	80.5	75.6	79.4	290.2	10	.....	Fr.-N.	8	A.-Cu. wsw	Cu.
19..	SSE	SE	SbyE	SE	N	SSE	88	69.2	65.8	72.7	295.7	10	A.-S.	S.-Cu.	10	A.-Cu.	S.-Cu.
20..	S	S	S	NNW	NW	SE	85.3	54.1	72.2	65.4	277	10	.....	S.-Cu.	3	A.-Cu.	Cu.
21..	SSE	SE	SE	NW	NNW	SSW	67.3	49.9	75.6	25.7	218.5	8	A.-Cu.	S.-Cu.	10	Ci.-S.	Cu.
22..	S	Calm	SE	NW	NW	SSE	11	40.5	93.9	66	211.4	7	.....	S.-Cu.	3	Ci.	Cu.
23..	SSE	SSE	SE	ESE	E	SE	91.5	89.3	74	101.1	355.9	2	Ci.	Cu.	2	Ci.	S.-Cu.
24..	SSE	SSE	SE	NW	NW	S	97.2	81.1	71.8	38.9	289	1	Ci.	.....	1	A.-Cu.	Cu.
25..	Calm	S	SE	NNW	NW	S	27.1	57.9	91.9	24.4	201.3	4	Ci.	S.-Cu.	3	Ci.	S.-Cu.
26..	Calm	S	SE	NW	NNW	SW	18.5	38.9	85	40.5	182.9	3	Ci.	S.-Cu.	2	A.-Cu.	S.-Cu.
27..	SE	SE	SSE	NW	NW	NW	47.2	80	83.7	80.2	291.1	1	Ci.	.....	0	Ci.	Cu.
28..	SE	SE	SSE	NW	NW	NW	42.1	70.2	86.3	56.1	254.7	0	.....	.....	2	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	58.9	60.7	80.1	63.4	263.1	6.7	.....	.....	5.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,367.4	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.09	60.92	61.34	59.78	60.08	61.61	60.80	23	20.6	30	29.5	26.1	25.5	25.8	33	20.1	84	92	57	68	83	84	78	.....
2..	61.05	61.53	62.43	60.40	61.06	63.01	61.58	22.5	20.2	30.4	28.7	27	23.1	25.3	33	19.8	85	93	55	65	59	71	71.3	.....
3..	63.07	63.66	64.06	61.64	61.48	63.34	62.88	21.5	20.6	29.8	28.3	26.5	23.2	25	33.7	20.4	76	81	50	65	76	70	69.7	.....
4..	62.85	62.82	63.52	60.49	60.50	62.41	62.10	22	21.6	29.6	30	26.6	24.6	25.7	34	21	72	74	49	61	75	83	69	.....
5..	61.39	61.85	62.63	60.19	60.35	62	61.40	22.4	20.8	30.6	29.6	26.8	24	25.7	31.8	20.1	81	90	55	64	78	71	73.2	.....
6..	61.75	61.57	62.53	59.69	59.72	61.40	61.11	22.2	21	29.9	34.7	27.1	24.6	26.6	35.1	20.4	78	82	52	39	76	69	66	.....
7..	60.91	61.43	61.64	59.05	59.24	61.11	60.56	23	21.6	30.2	31.3	26.6	23.7	26.1	33.5	20.1	74	80	49	58	78	74	68.8	.....
8..	60.44	60.16	61.15	58.40	58.31	59.99	59.74	22	20.5	28.8	29.5	26.3	24.9	25.3	30.8	20.2	78	84	57	68	80	88	75.8	.....
9..	58.90	59.10	59.98	57.24	57.45	59.13	58.63	22.1	21	30	30.6	27.5	26	26.2	31.1	20.6	88	93	66	62	76	84	78.2	.....
10..	57.97	58.34	59.47	57.09	57.89	59.99	58.46	24.2	22.2	31.5	33	27	24.8	27.1	34	22	85	91	59	55	78	83	75.2	.....
11..	59.01	58.80	60.25	58.14	58.68	60.31	59.20	22.3	21.5	29.5	30.7	26.7	22	25.4	32	21.2	89	95	68	69	83	96	83.3	27.4
12..	59.10	59.43	60.40	58.23	58.25	59.91	59.22	21.5	21	29.1	30.6	26.5	24.5	25.5	31.6	20.6	97	96	70	65	83	93	84	.....
13..	58.67	58.62	59.58	57.28	58.40	59.92	58.74	22.4	21.5	30.1	31.6	24.2	23.6	25.6	33.9	21	93	95	64	59	96	98	84.2	2.5
14..	59.04	58.86	60.09	57.83	58	59.11	58.82	23.4	22.2	28	28	26.7	25.9	25.7	31.1	22	93	98	75	76	86	88	86	.....
15..	58.31	58.79	60.28	58.70	59.23	60.49	59.30	24.7	23.8	28	28.6	25	24.5	25.8	29.1	23.5	90	94	77	71	83	87	83.7	.....
16..	60.10	60.31	61.63	59.44	59.69	61	60.36	23.5	23.1	27	28.6	25	24.4	25.3	29.2	22.6	91	89	77	73	81	84	82.5	.....
17..	60.42	60.86	61.46	59.41	60.59	62.20	60.82	22.5	21.3	29.1	31.6	26	22.5	25.5	33.7	20.9	92	93	60	54	82	98	79.8	21.6
18..	61.53	61.68	62.60	60.05	60.13	62	61.33	21	20.2	28.5	32.6	26.8	25.3	25.7	33.8	19.8	95	93	66	52	83	86	79.2	.....
19..	61.20	61.50	62.48	60.04	59.66	60.90	60.96	23	20.5	28.6	30.7	26.3	25.6	25.8	31.7	20.1	87	95	73	67	82	83	81.2	.....
20..	60.14	60.22	60.73	58.18	59.08	60.13	59.75	22.6	20.8	29.5	33.6	26.4	25.3	26.4	34.3	20.5	96	97	67	52	81	86	79.8	.....
21..	59.10	59.36	59.69	57.36	57.44	59.09	58.67	24.5	22.1	29	34	26.5	25.5	26.9	34.4	21.6	87	96	65	57	86	88	79.8	.....
22..	59.10	59.32	60.80	58.10	57.92	59.86	59.18	23.5	21	28	30.3	26.5	25	25.7	30.8	20.6	96	95	75	67	88	95	86	.....
23..	59.02	59.12	59.44	56.58	56.44	58.25	58.14	22.8	22	29.5	34.4	27.9	25.2	27	35.1	21.5	88	91	65	52	88	92	79.3	.....
24..	57.83	57.88	58.43	56.19	56.05	58.16	57.42	22	20	30	33.5	29.6	26.2	26.9	35	19.8	91	98	61	55	67	87	76.5	.....
25..	58.17	58.37	59.25	57.18	57.25	58.69	58.15	23.8	21.8	31.4	33	27.9	26.5	27.4	35	21.5	97	98	66	65	89	89	84	.....
26..	58.36	58.98	60.23	57.99	58.10	60.03	58.95	25.9	23.2	30.1	30.5	27.1	26.5	27.2	31	22.9	93	98	73	72	83	88	84.5	.....
27..	59.38	59.72	60.77	58.05	58.42	60.19	59.42	24	22.8	31.8	31.3	28.4	25.6	27.3	33.1	22.5	96	96	55	66	75	75	77.2	.....
28..	59.71	59.52	60.40	57.53	57.34	59.75	59.04	24.2	23	30.5	33.5	29.9	25.5	27.8	34	22.8	81	87	63	48	58	72	68.2	.....
29..	59.49	59.84	60.70	57.64	57.89	59.63	59.20	24.1	23	31.5	32.5	27.5	27.2	27.6	33.8	22.8	78	85	56	56	81	80	72.7	.....
30..	59.19	59.42	59.87	57.19	57.90	59.90	58.91	24.1	23	30.9	32	27.5	25.9	27.2	34.2	22.7	79	87	58	61	81	78	74	.....
31..	59.42	59.85	60.14	57.74	58.57	60.25	59.33	24.8	23.8	31.5	31	29	26.5	27.7	34.7	23	73	79	52	63	66	66	66.5	.....
Mean	59.86	60.06	60.90	58.48	58.75	60.44	59.75	23.1	21.7	29.8	31.2	26.9	25	26.3	33	21.2	86.5	90.8	62.4	61.5	79.4	83.4	77.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	NNW	NW	Calm	44	56.9	111.6	52.8	265.3	1	Ci.	.....	1	Ci.	Cu.
2..	S	SE	SE	NNW	SE	SE	36.4	78.3	82.6	110.3	308.1	1	Ci.	S.-Cu.	5	.....	S.-Cu.
3..	SSE	SE	SSE	NNW	NW	SSE	81.8	68.6	78.7	98.7	327.8	1	Ci.	S.-Cu.	5	Ci.	S.-Cu.
4..	SSE	SE	SSE	NNW	NW	Calm	91.7	101.2	99.2	50.2	342.3	1	Ci.	S.-Cu.	2	Ci.	Cu.
5..	SSE	SE	SE	NNW	NW	S	42.3	61.2	88.7	46.9	239.1	1	Ci.	.....	5	Ci.	S.-cf.EbyN
6..	SE	SE	SE	SE	NNW	SSE	51.8	66	67.8	81.8	267.4	1	Ci.	.....	1	Ci.	Cu.
7..	SSE	SE	SE	NW	NW	S	63.1	67.9	94.4	56	281.4	1	.....	S.-Cu.	1	Ci.	Cu.
8..	S	SE	SE	NW	NNW	Calm	58.4	34.6	105.6	39.2	237.8	2	Ci.	S.-Cu.	1	A.-Cu.	S.-Cu.
9..	Calm	S	SE	NNW	NW	NW	28.2	49.1	103.2	58.4	238.9	1	Ci.	S.-Cu.	3	A.-Cu.	S.-Cu.
10..	S	S	SE	NNW	NNW	E	28	49.7	100.8	79.1	257.6	1	Ci.	S.-Cu.	6	A.-Cu. NE	Cu.
11..	SE	SE	ESE	NNW	NW	S	50.1	49.9	102.2	48.3	250.5	1	.....	S.-Cu.	4	Ci.	Cu.
12..	SE	SE	SE	NNW	NW	Calm	30.6	40.7	98.4	38	207.7	1	.....	S.-Cu.	1	Ci.	Cu.
13..	S	SE	SE	SE	W	Calm	37.6	67.9	63.3	15.6	184.4	2	.....	S.-Cu.	9	Ci.	Fr.-N. SE
14..	SW	S	SE	WbyN	NW	NW	20.1	40	95.6	109.7	265.4	5	Ci.	S.-Cu.	8	A.-Cu.	Fr.-N.
15..	NW	N	NNW	NW	NW	NNW	95	87.5	163.6	144.8	490.9	3	.....	S.-Cu.	1	.....	Cu.
16..	NNW	NW	NW	NW	NW	NW	86.6	74.5	127.4	93.3	381.8	6	.....	S.-Cu.	1	.....	Cu.
17..	S	S	SE	SSE	NNW	S	39.6	90.7	97.6	54.1	282	2	.....	S.-Cu.	4	.....	Cu.
18..	SE	SE	SE	SSE	NW	Calm	51	83.7	64.2	54.2	253.1	0	.....	.....	2	.....	Cu.
19..	SE	Calm	ESE	NW	NW	NW	28.7	33	89.8	89.6	241.1	0	.....	.....	1	.....	Cu.
20..	N	Calm	ESE	SSE	NW	NW	31.9	65.4	93.6	94.6	285.5	2	.....	S.-Cu.	1	.....	Cu.
21..	N	Calm	SE	SE	NW	NW	41.3	64.7	100.8	96.3	303.1	10	A.-S.	S.-Cu.	0	.....	Cu.
22..	SSE	Calm	W	NW	NW	S	37	37.6	79.5	57.3	211.4	1	.....	S.-Cu.	0	.....	Cu.
23..	SE	SE	ESE	SE	N	N	68.6	89.6	66.5	58.9	283.6	0	.....	.....	1	.....	Cu.
24..	SE	SE	SSE	NNW	W	N	36.5	76.6	74.6	39.1	226.8	0	.....	.....	2	.....	Cu.
25..	N	E	ESE	NW	N	NW	31.2	68.1	94.8	74.3	268.4	0	.....	.....	2	.....	Cu.
26..	NW	Calm	NW	NW	NW	NW	32	52.6	127.3	59.3	271.2	1	Ci.	S.-Cu.	3	Ci.	Cu.
27..	Calm	SSW	SW	NNW	N	SE	29.3	45.6	75.9	68.2	219	5	Ci.	Cu.	8	Ci.	Cu.
28..	SE	SE	SE	SE	SE	S	46.1	82.6	113.5	42.4	284.6	2	Ci.	S.-Cu.	2	Ci.-S.	Cu.
29..	SE	SE	SSE	NW	NNW	Calm	47.7	61.4	93.9	66	269	10	A.-S.	S.-Cu.	3	Ci.	Cu.
30..	E	Calm	SE	NW	NW	S	30.1	52.5	84.8	52.9	220.3	10	A.-S.	S.-Cu.	4	.....	Cu.
31..	SSE	SE	SE	NNW	NNW	SE	87.1	95.8	80.2	43.8	306.9	0	.....	.....	3	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	47.9	64.3	94.2	66.9	273.3	2.3	.....	.....	2.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,472.4	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

APRIL, 1918.

Day	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.43	59.60	59.94	57.13	57.92	59.66	58.95	24.5	23.6	31.9	35.6	27.5	24	27.8	36	23.2	76	80	54	45	77	93	70.8	26.9
2..	58.80	59.06	59.45	57.15	57.39	59.05	58.48	23	22.1	31.1	32.8	28	24.6	26.9	35	21.5	88	88	59	59	79	91	77.3	2.5
3..	58.13	58.83	59	56.82	56.95	58.45	57.98	23.6	22.4	31.2	32.6	29	23.8	27.1	33.3	21.9	86	86	58	57	71	81	73.2	14.2
4..	57.92	58.66	59.55	57.35	57.76	59.18	58.40	23.9	23.6	30.6	32	28	26	27.4	33.6	23.3	77	78	60	60	77	77	71.5	.....
5..	58.31	58.62	59.72	57.33	56.94	59	58.32	23.5	23	31.7	32.5	28.5	26.9	27.7	34.5	22.5	79	83	55	57	71	81	71	.....
6..	58.06	58.38	58.55	55.87	56.45	58.24	57.59	23.6	22.9	31	33.5	28.1	26.8	27.6	35.5	22.6	76	82	56	55	80	85	72.3	.....
7..	57.86	58.02	58.45	55.18	55.43	57.79	57.12	24.8	22.9	31.3	33.5	28.1	27.1	28	35	22.5	85	90	61	58	76	83	75.5	.....
8..	57.38	57.57	58.24	56.23	56.34	58.10	57.31	26.6	24.5	32	31.6	28	27.1	28.3	34.6	24.1	84	91	60	68	77	83	77.2	.....
9..	57.72	58.07	58.88	56.37	56.63	58.48	57.69	25.1	24	31.5	33.6	28.1	27.2	28.2	35.5	23.5	91	95	62	62	76	80	77.7	.....
10..	58.26	58.80	59.43	57.42	56.84	58.93	58.28	25	24	30.6	31	28	27.4	27.7	31.7	23.6	88	88	66	66	77	81	77.7	.....
11..	58.15	58.35	59.28	56.60	56.23	58.20	57.80	27	25.9	30.6	31.6	28.1	27.8	28.5	32.1	25.3	85	81	70	65	80	83	77.3	.....
12..	57.05	57.10	57.78	55.54	55.43	56.73	56.60	25.2	24.2	31.4	33	28.6	27	28.2	33.5	24	90	86	59	57	69	81	73.7	.....
13..	56.08	55.70	56.71	54.65	55.13	56.76	55.84	25.7	23.4	29.6	31	28	27	27.4	32.5	23.1	89	92	72	67	77	82	79.8	4.3
14..	56.22	56.67	57.60	55.61	56.03	57.87	56.67	26.5	24.5	29.5	30.1	27	26.5	27.4	31	24.4	84	94	72	70	79	80	79.8	.....
15..	57.20	57.45	58.54	56.35	56.05	58.02	57.27	26	25.4	29.5	30	27	26.9	27.5	30.6	25.1	84	84	71	68	80	81	78	19.3
16..	57.66	58.23	59.41	56.72	57.03	58.69	57.96	25.6	24.5	27	33.5	27.5	26.6	27.4	34	24.1	88	94	83	56	80	83	80.7	.....
17..	58.18	58.98	59.83	57.05	57.69	59.75	58.58	25.5	24.4	30.6	32	27.4	27	27.8	34.5	24.1	88	88	64	66	81	80	77.8	.....
18..	59.21	59.60	60.50	57.95	59.04	60.80	59.52	25.1	24.3	31.1	35.5	28.5	27.5	28.7	36	24	88	83	62	44	74	76	71.2	.....
19..	60.28	60.57	60.91	58.57	59	60.92	60.04	24.7	23.5	31.5	32.4	28.5	27.6	28	35.1	23	79	83	56	57	73	81	71.5	21.8
20..	60.25	60.51	61.20	58.66	58.80	60.82	60.04	24	23	31.5	33.2	28.3	27.4	27.9	34	22.2	91	88	60	52	75	81	74.5	.....
21..	59.46	59.90	60.33	58.10	58.36	59.87	59.34	24	23.4	31.1	35.5	29.2	27.3	28.4	36.5	22.9	83	80	54	42	66	79	67.3	.....
22..	58.63	58.87	59.85	57.86	58.68	59.79	58.95	25	22.8	32.1	32.7	24.5	23.5	26.8	34.4	22.5	86	89	59	62	82	95	78.8	5.6
23..	58.16	58.87	59.75	57.61	58.37	60.79	58.92	23.3	22.7	31.1	35.4	25.2	25.5	27.2	36	22.4	96	96	66	53	90	93	82.3	21.3
24..	59.83	59.80	60.67	58.73	59.11	60.98	59.85	24.2	23.3	31.2	32.4	30.1	26.5	28	35.5	23	88	91	60	66	64	83	75.3	.....
25..	60.35	60.58	60.83	58.48	59.70	59.86	59.97	25	24.2	32	33.7	23.4	24.4	27.1	36	23.3	88	90	63	61	95	91	81.3	85.6
26..	58.77	58.72	59.58	56.70	58.60	59.42	58.63	23.8	23.4	31.5	32.1	23.5	23	26.2	34.1	22.3	93	93	65	67	86	96	83.3	11.4
27..	57.98	57.82	58.07	56.24	56.78	58.65	57.59	23.2	23.3	31	32.2	29.1	25.1	27.3	34.5	22.5	94	93	71	63	74	83	79.7	.....
28..	57.13	58.03	57.93	55.92	57.11	58.40	57.42	24.1	23.4	31.5	35.5	24.2	24.1	27.1	36	22.8	92	93	66	52	85	92	80	47.5
29..	58.32	58.53	59.39	57.24	57.27	58.87	58.27	23.9	23.1	31.2	34.1	29.1	28.1	28.2	34.9	22.8	94	96	63	53	75	80	76.8	.....
30..	58.45	59.12	59.38	57.05	57.11	59.37	58.41	25.2	23.3	32.5	35	31.5	27.2	29.1	35.8	22.6	92	84	54	51	57	69	67.8	.....
Mean	58.31	58.62	59.29	56.95	57.34	59.05	58.26	24.7	23.6	31	33	27.7	26.2	27.7	34.4	23.2	86.7	88	62.7	58.6	76.8	83.5	76	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	260.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	SE	NW	Calm	58.7	92.2	78.1	33.8	262.8	1	Ci.	Cu.	6	A.-Cu.	Cu.
2..	SE	SE	SE	NW	NW	Calm	37.3	74.2	83.2	66.3	261	0	Ci.	.....	6	.....	Cu.-N.
3..	Calm	SE	SE	NW	NW	S	30.3	63.4	67.9	48.5	210.1	0	Ci.	.....	2	.....	Cu.-N.
4..	SE	SE	SE	NW	NW	S	97.1	84.3	89.8	57.1	328.3	0	.....	Cu.	3	.....	Cu.-N.
5..	S	SE	SE	NW	NNW	W	53.9	70.6	91.5	61.4	277.4	1	Ci.	.....	2	.....	Cu.
6..	SE	SE	SE	NW	NNW	NW	57.6	81.5	84 8	62.8	286.7	0	.....	.....	1	Ci.	Cu.
7..	S	S	SE	NW	NNW	NW	30.6	57.4	89.9	81.9	259.8	7	A.-Cu.	S.-Cu.	1	Ci.	Cu.
8..	N	ENE	SE	NNW	NW	NW	40.7	56.6	105.7	84.8	287.8	8	.....	S.-Cu.	2	.....	Cu.
9..	NW	Calm	SbyE	NW	NW	NW	19.5	52.3	97.1	91.9	260.8	4	A.-Cu.	S.-Cu.	3	A.-Cu.	Cu.
10..	NW	S	NW	NW	NW	NW	25.1	45.4	123.9	88.3	282.7	2	A.-Cu.	NE S.-Cu.	1	Ci.	Cu.
11..	NNW	N	NW	NW	NW	NW	43.8	54.9	113.2	64.6	276.5	6	Ci.	S.-Cu.	7	Ci.-S.	Cu.
12..	Calm	SE	S	NW	NW	W	30.9	49.6	73.8	79.4	233.7	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
13..	Calm	Calm	WNW	NNW	NW	NW	21.1	38.9	99.8	91.2	251	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.
14..	NW	Calm	WNW	NW	NW	NW	60.9	46.1	126.8	143.2	377	8	Ci.-S.	S.-Cu.	0	.....	Cu.
15..	NNW	NW	NNW	NW	NW	W	109.9	71.3	96.6	73.7	351.5	10	A.-S.	S.-Cu. NNW	1	.....	Cu.
16..	W	SE	S	SE	NW	NW	45.3	35.7	78.6	65.8	225.4	10	A.-S.	Fr.-N. SE	2	.....	Cu.
17..	W	WSW	SSE	NW	NW	NW	23.8	45.3	94.6	66.8	230.5	10	A.-S.	Fr.-N.	2	.....	Cu.
18..	WSW	SE	SE	SE	NW	NW	35.9	66.8	79.7	61.7	244.1	7	A.-Cu.	S.-Cu.	1	.....	Cu.
19..	S	SE	SE	NW	NW	NW	48.3	71.6	108.8	90.3	319	0	.....	.....	0	.....	Cu.
20..	S	SSE	SSE	NW	NW	NW	43.7	65.7	81.3	63.8	254.5	0	Ci.-S.	.....	1	.....	Cu.
21..	Calm	S	SSE	SSE	WNW	W	46.5	83.5	73.4	79.9	283.3	0	.....	.....	1	.....	Cu.
22..	Calm	S	SE	NNW	SW	Calm	20.1	58.4	98.2	27.1	203.8	0	Ci.	.....	6	Ci.	Cu.
23..	Calm	SE	SE	SE	Calm	S	28.7	59.5	75.9	29.3	193.4	6	A.-Cu.	.....	5	Ci.	Cu. SSE
24..	S	S	SE	NNW	NE	Calm	45.6	45.7	77.9	31.9	201.1	6	Ci.	.....	7	Ci.-S.	Cu.
25..	SSE	SE	SE	NW	WNW	S	39.7	63.6	57.9	41.5	202.7	9	A.-Cu.	S Fr.-N.	8	Ci.	Cu.-N. E
26..	SE	SE	SE	NNW	SE	SE	38	55.5	99.2	51.5	244.2	0	Ci.	Cu.	8	Ci.-S.	Cu.
27..	SE	SE	SSE	SSE	NW	S	42.8	33.3	61	43.1	180.2	9	A.-Cu.	S.-Cu. S	7	Ci.-S.	Cu.
28..	SE	SE	SE	S	NW	W	35.1	67	75	38.4	215.5	1	A.-Cu.	S.-Cu.	2	A.-Cu.	Cu.-N.
29..	W	S	SSE	S	NW	NW	17.9	55.2	65.5	81.6	220.2	1	Ci.	S.-Cu.	1	Ci.	Cu.
30..	E	SE	SSE	SE	SE	S	60.4	87.9	82.7	53.3	284.3	0	.....	.....	1	.....	S.-cf.
Mean	.....	.....	.....	.....	.....	.....	43	61.1	87.7	65.2	257	4.2	.....	.....	3.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,709.3	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.71	59.06	59.38	56.75	56.68	58.85	58.24	24.5	23.1	31.8	35.7	30.1	28	28.9	36.9	22.4	79	86	53	41	73	85	69.5	.....
2..	57.69	57.82	58.12	55.92	55.99	57.98	57.25	24.6	23.8	33	34.3	29.9	26.1	28.6	35.6	23.2	83	86	55	54	79	84	73.5	8.1
3..	57.62	58.03	58.68	56.31	56.82	58.79	57.71	25.4	23.6	32.4	33	30.4	25.8	28.4	36	23	77	82	56	61	69	90	72.5	2
4..	58.02	58.87	59.61	56.99	57.80	59.50	58.46	24.5	23.2	32.1	35.8	29.4	28.8	29	36.5	22.6	92	94	61	48	72	79	74.3	.....
5..	58.89	58.99	59.15	56.94	57.71	59.25	58.49	25.5	24.7	31.1	35.9	31	26.8	29.2	36.5	24.3	88	91	61	44	69	79	72	.....
6..	57.77	57.79	58.89	56.02	56.67	58.72	57.64	25.1	24.5	33.5	36.2	30.1	28.6	29.7	37.4	23.8	75	75	50	44	70	77	65.2	.....
7..	57.91	58.01	58.59	55.56	55.77	57.42	57.21	25.1	23.7	32.2	34.5	29.5	28.4	28.9	35.8	23.3	84	91	61	52	69	78	72.5	.....
8..	56.27	56.35	56.98	54.46	54.88	57.07	56	25.5	25.5	33	35.5	30	24.6	29	36.9	24.3	85	84	57	53	77	93	74.8	14
9..	56.21	55.94	56.83	54.84	55.84	57.90	56.26	24.5	24.4	32	30	28.1	28	27.8	35.5	23.9	94	92	69	71	85	83	82.3	.5
10..	56.40	56.96	58.19	56.44	57.24	58.90	57.36	25	24.3	31.9	31.5	27.8	25.7	27.7	34	23.9	93	94	67	68	76	87	80.8	.....
11..	57.65	58.36	58.73	56.81	57.29	58.42	57.88	24.5	24.2	32.5	33.6	29.5	27.7	28.7	36.1	23.8	94	95	64	64	78	87	80.3	.....
12..	57.66	58.22	58.88	57.07	56.85	58.30	57.83	25.4	23.8	32.5	34.8	30.5	26.6	28.9	36.2	23.4	85	91	58	50	66	84	72.3	.....
13..	57.55	57.83	58.79	56.86	57.16	58.57	57.79	24.9	24.5	32.2	33.6	31.1	27.5	29	35.2	24	88	91	61	61	61	70	72	.....
14..	58.49	58.85	59.23	57.19	57.41	59.85	58.50	26.7	26.6	32.8	35.9	31.7	26.5	30	37	25.5	75	76	58	46	72	83	68.3	2.8
15..	59.10	59.34	59.39	56.78	57.40	59.27	58.55	26.5	25.2	33	34.1	30	25.9	29.1	36.1	24.6	88	91	60	60	68	88	75.8	5.6
16..	58.05	58.62	58.28	55.76	55.57	57.40	57.28	24.1	24	32.2	33.7	30	27.9	28.6	34.4	23.5	95	96	65	60	75	82	78.8	.....
17..	56.57	56.96	57.48	55.52	55.79	57.88	56.70	25.2	23.9	32.4	34	29.6	29	29	35	22.8	78	84	55	53	77	78	70.8	1.3
18..	56.80	57.15	57.45	55.81	56.44	58.55	57.03	26	25.1	33.5	33.9	30	25.5	29	35.8	24.6	89	92	56	59	69	91	76	2
19..	57.52	57.76	57.90	55.44	56.58	58.45	57.28	24.7	24.4	32.4	36.4	27.7	25	28.4	36.9	23.7	94	95	64	50	72	92	77.8	6.4
20..	57.87	57.86	58.10	56.03	56.09	57.90	57.31	25.2	24.5	31.9	35.8	30	25.1	28.8	36.4	23.7	94	94	64	51	77	91	78.5	6.4
21..	56.71	57.02	57.64	55.66	55.77	57.95	56.79	24.2	24.4	32.3	35.3	30.6	28.7	29.2	36.5	23.5	94	91	57	43	68	79	72	.....
22..	57.53	57.63	58.43	56.66	56.62	57.83	57.45	27	25.5	32.6	33	29.9	29	29.5	34.4	25	86	93	65	57	75	78	75.7	.5
23..	57.26	57.83	58.28	56.04	55.72	57.10	57.04	26	25.2	31.8	32.5	29.6	28.9	29	33.3	24.8	87	91	70	62	75	75	76.7	.....
24..	56.53	56.78	57.36	55.58	55.31	56.82	56.40	28.2	28	31.9	32.3	29.8	28.5	29.8	33	27.4	77	77	65	63	71	75	71.3	.....
25..	55.93	56.66	57.63	55.23	55.04	57.18	56.28	26.2	24.4	32	33.6	30.4	27.6	29	34.5	24	87	92	64	60	72	69	74	.....
26..	56.41	57.16	57.60	56.30	56.48	57.43	56.90	24.8	23.6	32.4	33	30.9	28.3	28.8	35	22.8	85	91	57	55	71	79	73	.....
27..	57.01	57.78	58.16	56.55	56.84	58.72	57.51	25.5	25	33	28.2	29.6	27.5	28.1	35.5	24.4	90	93	64	73	72	77	78.2	1
28..	57.25	58.27	58.56	56.27	55.98	57.82	57.36	25.5	24.5	32.4	34.5	30.8	28.3	29.3	35.3	24	88	91	63	61	69	79	75.2	.....
29..	57.01	57.45	57.97	55.66	57.28	59.29	57.44	26.6	25.5	33	35	29.8	25.5	29.2	35.8	24.7	87	92	64	56	76	92	77.8	1.3
30..	58.56	58.68	58.92	57.36	57.65	58.84	58.34	24.5	24	32.6	33.5	29.6	28.8	28.8	35.4	23.4	89	93	62	61	77	80	77	.....
31..	58.10	58.51	58.79	57.03	57.40	59.05	58.15	25.2	24.8	32.8	33.8	29.4	28.2	29	35.5	24	86	86	59	59	78	83	75.2	.....
Mean	57.45	57.82	58.32	56.19	56.52	58.29	57.43	25.4	24.6	32.4	34	29.9	27.3	28.9	35.6	23.9	86.6	89.4	60.8	56.1	72.8	82.2	74.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	S	SE	SSE	NW	Calm	38.6	65.5	64.4	59.5	228	0	Ci.	.....	0	.....	Cu.
2..	S	S	SE	NW	NW	Calm	31.7	76.2	88.3	49.7	245.9	0	Ci.	.....	1	.....	Cu.
3..	SE	SE	SSE	NW	NW	Calm	56.5	72.6	81	39.6	249.7	2	Ci.	Cu.	2	Ci.	Cu.
4..	NE	Calm	SE	S	NNW	NW	20.4	56.1	85.9	101.2	263.6	2	Ci.	Cu.	3	Ci.	Cu.
5..	E	SE	SSE	SSE	NW	SW	35.9	89.8	87.2	54.7	267.6	8	Ci.-S.	Cu.	8	Ci.	Cu.
6..	SE	SSE	SE	SSE	NW	NW	81.1	88.5	86.6	72.7	328.9	0	Ci.	.....	2	.....	Cu.
7..	Calm	S	SSE	WNW	NW	NW	32.2	52.1	85.3	86.9	256.5	1	Ci.	.....	3	Ci.	Cu.
8..	NW	S	SE	S	NNW	S	26.9	69.7	97.9	59.8	254.3	8	Ci.	S.-Cu. SSW	2	Ci.	Cu.
9..	SE	Calm	SE	W	NW	NW	30.6	58.9	82.7	65.2	237.4	4	Ci.	S.-Cu.	9	Ci.	Fr.-N. S
10..	SW	SE	SE	NW	SE	Calm	44.1	44.6	67.3	23.5	179.5	6	Ci.-S.	.....	9	Ci.-S.	Cu.
11..	SE	SE	SE	NNW	W	NW	30.1	58.4	69.7	66.2	224.4	5	Ci.	Cu.	9	Ci.-S.	Cu.-N.
12..	S	Calm	SE	NW	NW	SW	33.6	59.3	81.8	44.1	218.8	6	Ci.	Cu.	7	Ci.	Cu.
13..	Calm	Calm	SE	NW	SSE	SE	11	41.5	70.5	108.1	231.1	9	Ci.-S.	Cu.	3	Ci.-S.	S.-cf.
14..	S	SSE	SSE	SSE	N	Calm	85.3	94.1	87.7	40.7	307.8	9	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.
15..	Calm	E	SE	NW	NNW	N	12.6	62.5	90.7	60.7	226.5	2	Ci.-S.	Cu.	7	Ci.	Cu.-N.
16..	W	S	SSE	NW	NW	Calm	15.8	42.1	85.8	59.8	203.5	2	Ci	Cu.	8	Ci.	Cu.
17..	S	S	SE	NW	NW	W	40.8	52.1	100.9	89.5	283.3	1	Ci.	Cu.	2	Ci.-S.	Cu.
18..	S	Calm	SE	NNW	NW	E	30.3	58.5	93.6	59.5	241.9	2	Ci.-S.	Cu.	4	Ci.	Cu.-N.
19..	Calm	E	SSE	SE	NW	W	25.7	62.8	95	82.3	265.8	1	Ci.	Cu.	2	Ci.-S.	Cu.
20..	S	S	SE	S	NW	NE	29.5	79.1	90.3	74.5	273.4	1	.....	Cu.	2	.....	Cu.
21..	Calm	SE	SSE	SE	WNW	NW	24.4	78.4	85.1	84.8	272.7	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
22..	N	Calm	S	NW	NW	NW	26	31.2	101.4	91.5	250.1	2	Ci.-S.	Cu.	2	Ci.	Cu.
23..	W	Calm	NW	NW	NW	NW	38.6	48.5	118.6	104.8	310.5	8	A.-Cu.	S.-Cu.	1	Ci.	Cu.
24..	NW	NW	NW	NW	NW	NW	74.3	59.5	113.2	89.6	336.6	8	A.-Cu. SE	S.-Cu. NW	3	A.-Cu.	Cu.
25..	NW	NE	N	NW	NW	Calm	30.6	42	71.3	24.3	168.2	2	Ci.	Cu.	7	Ci.	Cu.
26..	Calm	S	SE	NW	NW	N	26.4	36.8	75	38	176.2	1	Ci.	.....	8	Ci.	S.-Cu.
27..	SE	SE	SE	SW	W	SW	56.3	45.1	91.7	45.9	239	7	Ci.	Cu.	9	Ci.	Fr.-N.
28..	S	S	SE	W	NW	W	36.2	50.9	79.2	33.5	199.8	7	Ci.	Cu.	9	A.-Cu.	Cu.
29..	Calm	S	SE	NW	Calm	SE	27.6	42.3	66.3	42.1	178.3	4	Ci.	Cu.	7	Ci.-S.	Cu.
30..	SSE	S	SE	NW	NW	NW	37	55.5	104.4	61.4	258.3	8	Ci.	Cu.	9	Ci.	Cu.-N.
31..	SE	SE	SE	NW	WNW	N	70.6	76.1	113.2	52.5	312.4	1	Ci.	Cu.	6	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	37.4	59.7	87.5	63.4	248.1	3.8	.....	.....	4.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,690	....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.02	59.11	59.16	57.24	57.27	59.85	58.61	26.5	25.4	33.6	37	30.6	24.6	29.6	37	23.8	84	88	53	43	65	91	70.7	10.4
2..	58.74	58.80	58.75	56.93	57.47	58.85	58.26	24	24.4	32	31.5	29.4	25	27.7	33.1	23.6	92	92	70	71	78	88	81.8	.....
3..	58.05	58.18	57.85	56.13	56.38	58.12	57.45	24.5	23.8	32.5	34.6	30	27.5	28.8	35.5	23.2	92	93	63	55	71	84	76.3	.....
4..	57.45	57.55	57.15	55.25	55.68	57.97	56.84	25	24.8	33	36	28.6	24.5	28.6	36.6	22.5	90	93	60	49	77	91	76.7	5.3
5..	57.02	57.02	56.38	54.97	55.78	56.75	56.32	25	25.8	29.8	33.9	28	24.6	27.8	34.4	24	92	90	77	65	70	87	80.2	.....
6..	55.63	55.52	55.29	53.36	54.42	56.15	55.06	24	24	32.1	31.7	26.1	25.2	27.2	33.9	23.2	90	92	67	64	94	95	83.7	20.6
7..	55.25	55.51	55.83	54.50	54.50	57.27	55.48	24.6	24.5	30.8	33.9	29.6	26	28.2	34.7	24	95	95	70	59	74	84	79.5	.....
8..	57.20	57.30	57.95	56.59	57.01	59.20	57.54	25.6	25.3	31.5	33.6	27.5	25.4	28.2	34	24.4	91	88	65	63	84	82	78.8	1.8
9..	57.91	58.29	58.60	56.80	57.36	58.53	57.92	24.9	23.5	31.5	35.1	30.5	27.1	28.8	36	23.2	87	96	64	53	65	81	74.3	.....
10..	58.14	58.18	58	56.74	56.05	57.41	57.42	25.3	24.3	31.7	31.3	29.5	27.2	28.2	33.3	24	92	94	66	67	76	87	80.3	.....
11..	56.73	56.51	56.95	55.58	55.82	57.50	56.52	24.9	24.7	30.6	25.6	25.1	24.5	25.9	33.2	23.9	92	91	71	93	90	94	88.5	36.8
12..	56.43	56.76	57.30	55.85	56.22	58	56.76	24.3	24.4	30	27.8	26.8	25.6	26.5	33.1	23.7	95	95	73	85	90	88	87.7	3.3
13..	57.81	57.86	58.05	56.77	58.24	59.38	58.02	24.5	24.9	31.6	31.6	27.5	25.1	27.5	35.6	23.8	92	89	68	66	79	91	80.8	.5
14..	58.21	58.61	58.38	56.63	57.73	59	58.09	24.5	24.4	31.2	35	29	27.9	28.7	35.8	23.6	93	93	66	54	74	85	77.5	.....
15..	58.41	58.38	58.51	56.66	58.15	59.63	58.29	25.5	25.4	33	35.6	24.6	26.4	28.4	36.9	24.3	93	93	64	54	87	88	79.8	12.7
16..	58.80	59.02	58.53	56.42	57.26	59.61	58.27	26.5	24.2	32.1	35.9	29.4	23.5	28.6	36.4	21.5	87	95	69	52	76	96	79.2	53.3
17..	59.19	59.10	58.54	56.24	58.76	59.25	58.51	23.5	23.8	28.8	34.5	24.1	24.2	26.5	35	23	97	97	82	61	94	95	87.7	23.1
18..	58.58	58.14	58.57	56.89	57.96	59.23	58.23	23.5	23	31	34.7	25.1	24.7	27	35	22.5	96	97	69	57	91	94	84	4.1
19..	58.02	59	59.12	57.36	58.66	59.39	58.59	24.2	24.3	32.5	34.6	26.6	24	27.7	35.6	23.2	95	94	65	55	80	96	80.8	20.8
20..	58.67	58.81	59.24	57.34	57.55	59.19	58.47	23.3	23.3	31.4	35	29.5	26.5	28.2	35.3	22.5	94	95	71	55	75	88	79.7	3.8
21..	58.09	58.17	58.78	56.52	56.77	58.49	57.80	25	24.5	31.7	35.2	29.5	24.5	28.4	35.7	23.8	95	96	65	54	77	90	79.5	6 4
22..	57.66	57.51	58.04	56.01	56.57	57.69	57.25	24.1	24.4	31.4	35.1	29	27.5	28.6	35.6	23.5	93	93	68	55	76	85	78.3	.....
23..	57.17	57.20	57.30	55.83	56.59	58.25	57.06	25.6	25	32	33	29.2	26.5	28.6	34.9	24.5	93	94	66	66	79	90	81.3	2.5
24..	57.75	57.10	57	55.26	55.25	57.41	56.63	25.4	25	30.5	33.8	29.6	24.6	28.2	34.6	24	93	95	76	54	77	95	81.7	7.6
25..	56.58	56.33	56.54	54.57	54.58	56.25	55.81	24.7	24.5	31.5	34.2	30.4	26.5	28.6	35.2	23.9	94	94	72	54	75	92	80.2	4.3
26..	55.10	54.51	55.50	53.93	53.70	54.96	54.62	25.4	24.8	32	33	26.5	25.7	27.9	34	24.1	94	95	69	64	85	89	82.7	1
27..	53.54	52.83	53.68	51.94	51.12	50.97	52.35	25.3	25.1	29.1	29.5	27.4	26.8	27.2	31.2	24.8	93	95	81	75	91	94	88.2	11.2
28..	49.15	48.24	48.45	45.79	44.35	44.87	46.81	26.1	25.6	30.4	31.6	29.6	29	28.7	32.1	25.2	95	97	75	72	80	83	83.7	43.2
29..	43.77	43.31	44.43	45.01	47.75	50.64	45.82	26.1	27.1	25.5	25.3	24.3	24.4	25.4	28	23	97	90	90	91	91	88	91.2	108.8
30..	49.34	50.75	52.91	52.63	53.62	54.88	52.36	23	22.6	27.5	27.6	26.2	25	25.3	29.7	22 1	97	97	84	81	90	96	90.8	10
Mean	56.45	56.45	56.69	55.06	55.62	57.16	56.24	24.8	24.6	31.1	32.9	28	25.7	27.8	34.4	23.6	92.8	93.5	70	62.9	80.4	89.6	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	391.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	N	Calm	SE	SE	NNW	W	29.2	55.3	90.9	56	231.4	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
2..	Calm	Calm	NW	NW	N	Calm	10	33.3	100.3	38.4	182	1	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
3..	Calm	SE	SE	NNW	NW	Calm	30.8	75.6	86.6	51.3	244.2	1	Ci.-S.	Cu.	2	Ci.	Cu.
4..	Calm	Calm	SE	SSE	NW	Calm	20.7	83.7	83.1	53.1	240.6	9	Ci.-S.	Cu.	1	Ci.	Cu.
5..	Calm	W	NW	NW	NW	SE	26.2	34	77.7	42	179.9	10	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.-N.
6..	Calm	Calm	SE	NW	Calm	SE	23.1	42.8	60.7	24.3	150.9	7	Ci.-S.	Cu.	8	Ci.-S.	Cu.-N.
7..	SE	SE	SE	SE	S	SE	41.6	105.1	104.6	109.4	360.7	5	Ci.-S.	Cu.	6	Ci.-S.	Cu. SE
8..	SE	SE	SE	SE	ESE	ESE	82.3	118.3	85.8	100.8	387.2	1	Ci.-S.	Cu.	9	A.-S.	Cu.-N.
9..	SE	SE	SE	SE	SE	SE	52.6	86.6	99.8	74	313	9	Ci.-S.	Cu.	2	Ci.	Cu.
10..	SE	SE	SE	W	NW	SE	41.8	53.1	53.6	44.6	193.1	9	Ci.-S.	S.-Cu.	10	A.-S.	S.-Cu.
11..	SE	SE	SSE	SSW	S	S	45.6	55.5	62.3	26	189.4	10	A.-S.	S.-Cu.	10	.....	N. SE
12..	S	SE	SE	S	Calm	SE	56.8	89.5	54.5	33	233.8	10	.....	Fr.-N. SE	10	A.-S.	N. SE
13..	SE	SE	SE	WSW	SW	SE	51.2	101.1	93.5	50.4	296.2	7	Ci.-S.	Cu.	9	Ci.-S.	N. SE
14..	SE	SE	SE	SE	Calm	NW	41.2	97.2	90.7	20.6	249.7	7	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
15..	Calm	SW	SSE	NbyW	E	NNW	19.5	67.1	74.8	47.5	208.9	0	.....	Cu.	3	A.-Cu.	Cu.-N.
16..	N	SE	SE	SSE	NNW	Calm	31.2	72.6	98.2	62.3	264.3	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.
17..	Calm	Calm	SE	SSE	Calm	Calm	12.6	68.2	97.2	26	204	10	A.-S.	S.-Cu.	3	Ci.	Cu.-N.
18..	SE	SE	SE	S	S	S	37	59.7	73.4	20.6	190.7	6	Ci.-S.	Cu.	4	Ci.-S.	Cu.
19..	S	Calm	SE	SSE	ESE	SW	18.2	59.2	90.7	40.8	208.9	5	Ci.-S.	Cu.	2	Ci.	Cu.
20..	Calm	SE	SSE	SE	ENE	Calm	17.9	61.4	69	31.4	179.7	1	Ci.	Cu.	2	Ci.	Cu.
21..	Calm	Calm	SE	SE	W	SE	21.2	58.2	80.8	47.3	207.5	2	Ci.	Cu.	4	A.-Cu. SE	Cu.
22..	SE	SE	SE	S	NNW	Calm	36	68.6	83.4	45.1	233.1	5	A.-Cu.	Cu.	2	Ci.-S.	Cu.
23..	E	ESE	SSE	NW	N	W	38.6	51	97.4	48.8	235.8	9	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.
24..	NW	S	SE	SbyW	N	SSE	28	71	79.2	39.4	217.6	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
25..	Calm	SE	SE	SE	N	Calm	19.1	48.5	74.2	52.9	194.7	9	A.-Cu. SE	S.-Cu.	2	Ci.	Cu.
26..	Calm	E	NE	NNW	W	SE	16.1	19.6	66.5	36.4	138.6	9	Ci.	Cu.	9	Ci.-S.	Cu.-N.
27..	SE	Calm	Calm	W	WNW	Calm	23.9	21.7	94.1	34.3	174	10	A.-S.	S.-Cu. NW	10	A.-S.	Fr.-N. NW
28..	Calm	Calm	W	NW	NW	NW	28	52.8	128.4	167.3	376.5	10	A.-S.	Fr.-N. W	10	A.-S.	S.-Cu. NNW
29..	NNW	WNW	WNW	WSW	SW	SW	166	193.1	178.6	89.6	627.3	10	A.-S.	N. NW	10	.....	N. W
30..	Calm	ESE	EbyS	SE	SE	E	68.4	96.8	113.8	71.3	350.3	10	A.-S.	Fr.-N. SW	10	A.-S.	S.-Cu. SW
Mean	.....	.....	.....	.....	.....	.....	37.8	70	88.1	52.8	248.8	6.5	.....	.....	6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,464.1	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.76	55.22	56.06	55.59	55.83	58.21	55.94	24.6	24.4	27.9	30.3	28.7	26.5	27.1	31.2	24	95	96	82	75	77	84	84.8	0.8
2..	57.53	57.64	57.83	56.36	56.20	58.99	57.42	25	24.4	31.1	34	31	25.1	28.4	35	24	92	96	69	58	75	91	80.2	1.5
3..	57.96	57.74	57.64	56.09	56.03	57.89	57.22	26.1	25.7	31.2	32.9	28.6	24.8	28.2	34.4	24	89	93	68	68	80	91	81.5	4.4
4..	56.35	56.37	56.53	54.95	54.63	56.27	55.85	24.4	24.1	31	30.4	28.9	25	27.3	32.3	23.5	92	95	75	70	78	94	84	6.1
5..	54.26	53.97	54.96	53.28	53.32	54.30	54.02	24.2	24.3	27.6	31.5	25.5	25	26.4	31.6	24	95	96	87	72	93	95	89.7	68.3
6..	53.49	53.23	53.75	52.61	51.85	54.10	53.17	24.3	24.9	26.8	28.9	27.2	25.2	26.2	29.9	23.5	97	93	89	82	91	97	91.5	24.6
7..	53.87	54.02	54.95	53.25	54.20	56.20	54.42	25	24.4	29.7	31.6	26.1	25.9	27.1	32	24	96	95	76	71	93	89	86.7	11.7
8..	55.16	55.72	56.57	55.77	55.43	56.23	55.81	24.6	24.5	28.8	26	26.1	24.8	25.8	31.4	24.1	92	92	80	92	89	96	90.2	17.8
9..	55.42	55.48	55.52	54.06	53.89	54.97	54.89	24.7	24.1	28.2	28.5	26.1	24.6	26	29.6	23.5	96	96	82	80	91	96	90.2	95.5
10..	53.50	53.40	54.67	53.50	52.68	53.92	53.61	24	23.5	23.5	23.9	23.9	23.7	23.8	24.4	23.1	97	98	97	97	98	98	97.5	213.6
11..	52.65	53.06	53.47	53.10	52.85	54.80	53.32	23.7	24.1	25.2	28.3	26.7	25.5	25.6	29.5	23.2	99	99	97	91	89	96	95.2	27.2
12..	53.96	54.07	55.46	54.64	54.48	55.89	54.75	25	24.9	29.5	27.8	28.5	26.3	27	31.5	24.5	96	97	81	90	80	94	89.7	14.7
13..	55.16	55.35	56.17	54.81	54.80	56.27	55.43	25.6	25.2	26.4	29	27.5	26	26.6	30.6	24.9	96	97	93	81	84	94	90.8	36.5
14..	55	55.15	56.11	55.27	55.04	56	55.43	26.4	25.5	26.9	26.8	26.2	26.3	26.4	28.3	25	90	97	90	91	94	90	92	18
15..	54.63	54.91	55.51	54.25	54.53	55.45	54.88	26	25.6	28	31.2	28.2	26.5	27.6	31.4	25.2	93	95	88	71	82	90	86.5	7.1
16..	54.72	55.48	56.29	55.17	55.84	57.01	55.75	25.5	25	30	32.1	28.6	26.6	28	32.6	24.5	96	96	78	63	75	88	82.7	4
17..	56.07	56.18	56.91	55.69	56.09	57.61	56.42	26	25.2	27.4	28.6	28	26.8	27	30.5	25	92	95	86	80	77	86	86	14.8
18..	56.41	56.53	57.30	55.89	55.77	56.91	56.47	26.1	25.4	29.5	29.5	29	27.4	27.8	31.6	24.9	95	95	79	75	74	85	83.8	9.7
19..	55.82	56.41	57.75	56.13	55.88	57.30	56.55	26.4	25.6	27	30.6	29	27.5	27.7	31.4	25.5	91	94	91	77	74	81	84.7	10.7
20..	55.86	56.16	57.10	55.58	55.73	57.25	56.28	26	25.2	28.5	30.5	28.2	27.1	27.6	31.6	25	93	93	83	74	77	83	83.8	10.1
21..	56.56	56.28	57.10	56.28	56.10	56.57	56.48	25.8	25	25.5	25.1	26.1	25	25.4	26.8	24.4	94	96	95	95	91	96	94.5	75
22..	55.30	54.51	55.84	54.62	54.38	55.93	55.10	25	24.5	22.7	24.4	24.3	23.7	24.1	25	22.4	97	97	96	96	91	97	95.7	60.5
23..	55.03	55.10	55.95	54.63	54.03	55.77	55.08	23.5	23.2	29.2	31.3	29.3	26.1	27.1	32.4	22.6	97	98	79	73	72	92	85.2	1.8
24..	54.69	54.50	54.79	54	53.90	55.48	54.56	25.5	25.6	30.9	31.6	29.1	27.6	28.4	32.2	25.3	95	97	72	66	77	87	82.3	18.3
25..	54.30	54.34	54.55	53.95	54.78	56.20	54.69	26.8	25.4	29	27.6	24.7	24.7	26.4	31.7	24.2	90	97	84	88	96	94	91.5	39.1
26..	54.83	55.19	55.27	54.35	55.17	56.73	55.26	24.1	24.4	29.5	28.8	26.4	24	26.2	30.6	23.2	97	97	81	79	88	96	89.7	31.1
27..	55.24	55.57	55.56	53.84	53.67	55.28	54.86	24.1	24	28.2	30.9	26.5	24.6	26.4	31.3	23.2	97	97	82	72	88	96	88.7	22.4
28..	54.13	53.82	54.21	53.20	53.64	54.74	53.96	24	23.9	26.2	27.5	24	24.5	25	28.6	23.3	96	97	90	87	95	95	93.3	20.6
29..	54.53	54.66	55.99	55.54	55.34	56.74	55.52	24.5	24	24.1	24.6	24.9	24.1	24.4	26	23.4	96	97	96	95	93	96	95.5	38.4
30..	56.12	56.37	57.43	56.09	56.58	58.30	56.82	25	24.8	30	31.5	29.3	26.2	27.8	31.7	23.4	38	87	74	68	73	86	79.3	.....
31..	57.77	58.06	58.82	57.51	57.99	60.23	58.40	26	25.4	28.8	31.5	28	26.5	27.7	32.5	25	34	85	73	62	73	82	76.5	.....
Mean	55.20	55.31	56	54.84	54.87	56.37	55.43	25.1	24.7	28	29.3	27.2	25.6	26.7	30.6	24.1	94	95.3	83.6	78.7	84.1	91.5	87.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	904.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	ESE	SE	SE	73.5	69.2	90.1	73.5	306.3	10	A.-S.	N. S	10	A.-Cu.	Fr.-N.
2..	SE	SE	ESE	SE	NW	Calm	45.6	57.9	68.4	43.3	215.2	9	Ci.-S.	S.-Cu.	3	Ci.	Cu.
3..	Calm	Calm	Calm	NNW	NW	Calm	7	23.6	95.2	51.8	177.6	7	A.-Cu. W	S.-Cu.	2	Ci.	Cu.
4..	Calm	SE	Calm	WNW	WNW	N	23.5	41.2	113.7	43	221.4	2	Ci.-S.	Cu.	8	A.-Cu. NNE	Cu.
5..	Calm	E	SE	SE	SbyE	S	15.6	46.9	54.9	34.1	151.5	9	Ci. E	S.-Cu.	10	A.-S.	Cu.
6..	S	WNW	W	NW	NW	SE	39.9	53.6	77.5	56.6	227.6	10	.....	N.	10	A.-S.	Fr.-N.
7..	SE	SE	SE	SE	SE	SE	54.9	114.3	104.6	95	368.8	9	Ci.-S.	S.-Cu.	4	A.-Cu.	Fr.-Cu. SE
8..	SE	SE	SE	WSW	Calm	S	77.9	72.9	40.5	26.2	217.5	9	A.-Cu. S	Fr.-N. S	10	.....	N.
9..	S	SSE	SE	SE	SSE	SE	41.3	46.9	30.3	40.5	159	10	A.-S.	Fr.-N. sw	10	A.-S.	N. SW
10..	Calm	SE	E	E	E	ESE	49.9	46.7	33.8	62	192.4	10	.....	N.	10	.....	N.
11..	ESE	E	ESE	S	SW	SE	55	45.6	53.7	49.3	203.6	10	.....	N. SW	10	A.-S.	Fr.-N. SW
12..	SE	SE	SE	SW	SW	Calm	45.1	52.3	57.9	48.5	203.8	10	A.-S.	N. SW	9	Ci.-Cu.	Fr.-N. SW
13..	E	ESE	ESE	SW	SW	W	42.4	49.4	91.7	51	234.5	10	A.-S.	Fr.-N.wsw	9	A.-S.	Fr.-N. wsw
14..	Calm	Calm	WbyS	W	W	SW	29.3	52.1	20.9	34.1	136.4	10	A.-Cu.	N. WSW	10	A.-S.	N. WSW
15..	Calm	Calm	WSW	WSW	WSW	Calm	17.7	21.9	90.4	47.5	177.5	10	A.-S.	Fr.-N.wsw	9	Ci.-S.	Fr.-N. wsw
16..	Calm	SE	ESE	SW	SW	Calm	36.7	46.9	94.3	41.3	219.2	9	Ci.-S.	Fr.-N.wsw	9	Ci.-Cu.	Cu.-N. wsw
17..	Calm	S	SE	SW	SW	Calm	27.4	40.7	85.8	41.6	195.5	10	Ci.-S.	N. WSW	9	A.-S.	Fr.-N. wsw
18..	Calm	SW	SE	SW	W	W	23.8	35.6	57.4	64.9	181.7	8	A.-Cu.	S.-Cu.wsw	9	Ci.-S.	Fr.-N. wsw
19..	Calm	SE	SW	NW	W	W	41.6	37.3	79.9	33.6	192.4	10	Ci.	S.-Cu.wsw	9	A.-Cu.	Fr.-N. wsw
20..	SW	S	SE	SW	SW	SW	35.9	45.6	87.5	54.4	223.4	10	.....	N. WSW	10	A.-S.	Fr.-N. wsw
21..	Calm	S	SE	SE	SE	SE	36.8	71.3	46.4	26.9	181.4	10	A.-S.	N. WSW	10	.....	N.
22..	SE	SE	ENE	E	SE	SE	43.1	52.8	46.7	63.6	206.2	10	.....	N. WSW	10	A.-S.	Fr.-N. wsw
23..	Calm	Calm	SE	N	WSW	Calm	21.5	25.7	70.3	15.8	133.3	10	Ci.-S.	Fr.-N.wsw	8	Ci.-S.	Fr.-N. wbys
24..	Calm	Calm	Calm	W	W	Calm	13.2	20.3	119.4	40.4	193.3	7	Ci.	Fr.-N. W	7	Ci.-S.	Cu. WbyS
25..	W	Calm	SW	NbyE	Calm	Calm	20.1	34.3	58.2	13.7	126.3	8	A.-Cu.	S.-Cu. W	10	A.-S.	Fr.-N. W
26..	Calm	SE	Calm	NNW	WSW	SE	23.8	33.6	67.3	48.5	173.2	10	A.-S.	S.-Cu. W	10	A.-S.	Fr.-N. W
27..	Calm	Calm	SE	SE	W	W	20.6	29.2	60	33.6	143.4	10	A.-S.	Fr.-N. W	10	A.-Cu.	Cu.-N.
28..	SE	SE	SE	SSE	SSE	SE	30.9	26	56.1	67.3	180.3	10	.....	N. WSW	10	.....	N.
29..	SE	SE	WSW	SE	SE	SE	63.4	71.3	63.9	75.6	274.2	10	.....	Fr.-N.	10	A.-S.	N. SSW
30..	SE	SE	ESE	SE	SE	SE	88.2	120.4	113	84.3	405.9	10	A.-S.	Fr.-N. S	10	Ci.-S.	Cu.
31..	SE	SE	ESE	SE	WSW	SE	89.8	107.8	95	45.1	337.7	10	.....	S.-Cu.	10	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	39.9	51.4	71.8	48.6	211.6	9.3	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,560.5	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	59.16	58.83	59.01	58.23	58.27	59.51	58.84	25.5	24.6	29.1	28.6	26.5	25	26.6	31.8	24.4	88	93	77	79	84	92	85.5	1.5
2..	58.16	57.83	58.98	57.51	57.77	59	58.21	24.5	23.8	28.5	27.8	25.7	24.7	25.8	31.8	23.5	92	93	80	84	89	94	88.7	5.6
3..	57.91	57.93	59.09	57.09	57.35	59.16	58.09	24.1	23.8	28.4	31.5	28	25.5	26.9	32	23.5	96	94	78	67	84	91	85	1.3
4..	58.35	58.51	59.23	57.51	57.28	59.22	58.35	25	24	30	32.5	30	26.8	28	34	23.8	92	96	75	61	68	81	78.8	.....
5..	58.09	58.30	59.07	57.49	56.85	59.33	58.19	25.1	24.5	31	32.5	30.1	27	28.4	33	24.1	88	93	65	63	67	78	75.7	.....
6..	57.96	58.26	58.48	57.10	56.65	57.85	57.72	25.2	24	30.6	31.1	29.9	27.2	28	32.6	23.5	90	91	68	66	65	77	76.2	.....
7..	57.25	57.71	58.20	57.44	56.87	58.43	57.65	25.1	24.2	31	29.8	28.6	27.2	27.6	31.7	23.6	91	94	69	73	81	82	81.7	.8
8..	58.06	57.80	58.29	56.61	56.87	58.32	57.66	25.5	24.8	31	32.4	29.4	28	28.5	33.4	24.4	93	93	69	64	74	82	79.2	.....
9..	57.65	57.76	58.42	56.66	56.20	58.06	57.46	26.5	25.4	31.5	31.8	29.5	26	28.4	32.8	25	92	93	67	70	74	88	80.7	4.6
10..	57	57.02	57.41	55.43	55.90	57.32	56.68	26	24.9	29.5	30	26.8	24	26.9	31.6	23.5	94	94	76	74	84	96	86.3	24.4
11..	56.05	55.89	56.13	54.59	54.42	55.38	55.41	24	23.6	27.7	29.5	26.1	25	26	32	23.2	96	97	83	79	89	95	89.8	21.9
12..	54.10	53.86	54.35	52.92	52.91	54.51	53.78	24.5	24.1	26	25.8	24.3	24	24.8	27	23.3	92	97	90	92	97	97	94.2	112.5
13..	53.76	53.81	54.89	53.91	54.62	55.94	54.49	23.4	23.4	25	26.4	24.2	24	24.4	27	22.8	97	98	89	86	96	97	93.8	50.2
14..	55.54	55.65	57.21	55.53	56.20	58.20	56.39	23.8	23.6	25.5	28.6	27.5	25.9	25.8	29.7	23	95	94	92	78	80	85	87.3	2.3
15..	57.32	57.58	58.53	57.30	57.33	59.54	57.93	24.5	23.6	29.4	32.4	28.5	26.1	27.4	33.4	23.2	92	95	72	61	74	89	80.5	.....
16..	58.31	58.89	59.05	57.67	58.25	59.93	58.68	25	24.4	31.5	32.1	28.5	26.5	28	32.8	23.8	93	96	66	66	77	90	81.3	20.3
17..	59.34	58.76	58.90	56.80	57.34	58.58	58.29	25	25.2	28.1	31.4	27.5	25.6	27.1	32.5	24.1	92	91	82	67	87	96	85.8	2.6
18..	57.11	56.90	57.56	55.35	55.20	57.19	56.55	24.8	24.6	30	28.6	27.5	25.8	26.9	31	24	96	97	76	79	82	91	86.8	10.4
19..	56.18	56.42	57	55.84	56.13	57.81	56.56	24.6	24.2	30	28	25.3	24.6	26.1	30.9	23.5	94	97	76	81	94	96	89.7	49.4
20..	56.76	56.67	57.45	55.53	56.97	57.91	56.88	24.2	24.4	30	31	24	24	26.3	32.4	23	97	97	76	72	93	96	88.5	54.1
21..	57.21	57.31	57.90	56	56.33	58.68	57.24	24.3	24.3	29.6	30.2	28	25.5	27	32.5	23.6	96	95	77	74	77	94	85.5	9.7
22..	57.27	57.48	58.05	56.10	56.96	58.08	57.32	25.1	24.5	29.8	31.5	26.4	25.5	27.1	32.2	24.2	96	97	76	70	89	93	86.8	5.6
23..	57.58	56.95	57.91	55.78	55.38	56.71	56.72	24.6	24.5	28	29.6	28.3	27	27	30.7	24	96	94	82	74	79	82	84.5	.....
24..	55.56	54.96	55.09	53.23	53.48	54.74	54.51	26.6	24.9	30.5	30.9	28.3	26.8	28	32	24.4	84	96	70	74	79	83	81	.3
25..	54.47	54.50	55.66	53.99	54.47	55.91	54.83	25.1	24.2	30	32.9	28.8	27.6	28.1	33.5	24	93	96	74	59	78	84	80.7	2.3
26..	55.92	56.46	57.54	55.60	57.25	57.88	56.78	25.6	24.6	29.5	30.6	24.5	24.5	26.6	31	23.8	93	95	73	72	96	97	87.7	88.9
27..	56.01	56.80	57.30	56.13	56.33	57.41	56.66	24.5	24.2	27.8	26	25.4	24.7	25.4	30.6	24	96	97	83	93	92	96	92.8	24.7
28..	56.25	55.89	56.61	54.70	55.56	57.02	56	24.6	24	29.1	31.4	28.4	26.4	27.3	32.2	23.8	97	97	80	71	77	89	85.2	1
29..	56.17	56.46	57.10	55.99	56.36	57.65	56.62	25.4	24.6	26.1	28	27	25.5	26.1	32	24.4	93	95	91	77	83	89	88	2.8
30..	56.61	56.97	57.93	56.59	56.93	58.11	57.19	24.5	24.3	29.4	28.5	25.5	24.8	26.2	31.7	23.9	92	91	76	78	91	95	87.2	10
31..	57.36	56.92	57.87	56.03	56.37	58.33	57.15	24.9	24.3	27.5	30.6	25.9	25.7	26.5	31.5	24	94	96	87	64	92	93	87.7	2.3
Mean	56.92	56.94	57.62	56.02	56.28	57.80	56.93	24.9	24.3	29.1	30.1	27.2	25.7	26.9	31.7	23.8	93.2	94.9	77.3	73.2	83	89.9	85.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	509.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	SW	Calm	S	30.6	67.6	55.3	34	187.5	10	A.-S.	Fr.-N.	10	A.-S.	Fr.-N.
2..	S	S	SSE	Calm	Calm	Calm	42.3	62	49.9	22.5	176.7	9	A.-Cu. SE	S.-Cu.	10	A.-S.	Fr.-N.
3..	S	SE	SE	SE	Calm	Calm	42.4	71.8	46.9	19	180.1	10	A.-S.	S.-Cu.	10	A.-S.	Cu.
4..	SE	SE	SE	Calm	W	W	44.6	70.2	56	60.7	231.5	2	Ci.	Cu.	9	Ci.	Cu.-N. SW
5..	Calm	WSW	NE	NNW	WNW	W	20.9	37.5	71.4	57.9	187.7	1	Ci.	Cu.	7	Ci.-S.	Cu.
6..	Calm	S	E	NNW	W	W	23.5	40.8	79.7	47.8	191.8	7	Ci.	Cu.	5	Ci.-S.	Cu.
7..	Calm	Calm	SSE	NWbyN	N	N	21.1	42	56.9	27.6	147.6	9	Ci.-S.	S.-Cu. W	10	A.-Cu.	Fr.-N. WSW
8..	Calm	Calm	NE	NW	WNW	W	5.3	25.2	87.9	67.3	185.7	5	A.-Cu.	Cu.	9	Ci.-cu. NNE	Cu.
9..	Calm	Calm	WbyN	NNW	WNW	Calm	14	26.9	83.7	58.2	182.8	9	Ci.-S.	S.-Cu. WSW	9	Ci.-S.	Cu.
10..	S	SE	Calm	WNW	NW	SW	24.1	29.6	84.5	44.1	182.3	10	.....	N. NNW	10	Ci.-S.	Fr.-N.
11..	Calm	Calm	SW	W	W	W	18.3	26.2	66.3	25.4	136.2	10	A.-S.	Fr.-N. NW	10	A.-S.	Fr.-N. W
12..	N	NE	SE	SE	SE	SE	22	48.1	47.8	75.8	193.7	10	.....	N.	10	.....	N. WSW
13..	SE	SE	SE	SE	SE	ESE	60.2	87.1	94.1	86.7	328.1	10	.....	N. SSW	10	A.-S.	Fr.-N. SE
14..	SE	SE	SE	SE	SE	SE	98.5	131.8	133.3	81.6	445.2	10	.....	Fr.-N. S	10	A.-S.	s.-cu. sbyw
15..	ESE	SE	SE	SE	SW	S	45.5	79.5	70.8	36.7	241.5	10	.....	S.-Cu.	9	Ci.-S.	Cu.
16..	S	Calm	SE	NW	NW	W	17.5	39.4	80.5	79.7	217.1	2	Ci.	Cu.	9	Ci.-S.	Cu.
17..	WNW	W	W	NW	WSW	Calm	82.1	29.3	48.6	28.8	188.8	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
18..	Calm	Calm	ENE	WNW	WSW	NW	8	29.3	90.9	42.4	170.6	9	A.-Cu.	S.-Cu. NW	9	A.-S. NNE	Cu.-N.
19..	Calm	S	W	WNW	NW	Calm	24.3	29	79.1	29.5	161.9	10	A.-S.	N.	10	A.-S.	Cu.-N.
20..	Calm	WSW	SSE	WNW	NE	Calm	20.6	33.2	54.4	32.2	140.4	10	A.-S.	Fr.-N.	9	Ci.	N. W
21..	SE	SE	SE	WNW	N	NE	36.7	45.7	74.8	40.2	197.4	10	Ci.-S.	Fr.-N. ESE	7	A.-Cu.	Cu.
22..	NE	Calm	Calm	NW	WNW	SW	24.1	26.9	87.2	34	172.2	9	Ci.-S.	S.-Cu.	7	Ci.	Cu.
23..	S	S	Calm	NW	NW	WNW	36	29.5	73.4	80.7	219.6	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.
24..	WNW	Calm	NW	NW	NW	NW	28.5	27.4	98.4	66.5	220.8	9	ci.-s. NNE	s.-cu.WNW	4	Ci.	Cu.-N.
25..	Calm	S	SE	SE	WNW	NW	30.1	58.7	52.5	42	183.3	5	Ci.	Cu.	9	Ci.-S.	Cu.
26..	W	NE	NW	NW	W	Calm	23.9	36.4	81	31.4	172.7	10	.....	N.	10	A.-S.	Fr.-N.
27..	W	W	S	NE	NW	Calm	28.4	30.4	55.5	28.8	143.1	10	A.-S.	Fr.-N.	10	.....	N.
28..	NE	NE	SE	SSE	SSE	SE	19.8	67.6	75.8	25.9	189.1	6	A.-Cu. S	S.-Cu. E	9	A.-Cu.	Fr.-Cu. SE
29..	SE	SSE	SE	SW	E	ESE	58.7	73.4	71.6	71.1	274.8	10	A.-Cu.	Fr.-N. SE	10	A.-S.	N. SSW
30..	SE	SE	SE	Calm	SSE	SE	81.6	93.8	37.8	40.2	253.4	9	A.-Cu.	Fr.-N. SE	10	A.-S.	N.
31..	SE	SE	SE	WSW	SE	SE	62.8	43.7	53.6	39.6	199.7	9	A.-Cu.	S.-Cu. SSE	9	A.-Cu.	S.-Cu. SW
Mean	.....	.....	.....	.....	.....	.....	35.7	49.7	71.	47	203.3	8.4	.....	.....	8.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,303.3	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.10	56.87	58.45	56.52	57.52	59.25	57.62	24.6	24	26.4	31	25	24.5	25.9	31.5	23.8	96	96	87	71	91	96	89.5	2.1
2..	58.29	57.83	58.74	56.72	56.90	58.50	57.83	24.2	23.9	28.4	30.7	26.5	26	26.6	32	23.6	95	97	80	70	88	94	87.3	11.7
3..	57.43	56.43	57.76	55.68	56.22	57.27	56.80	24.9	24.6	29	25.6	26.7	26	26.1	30.3	24.4	96	97	81	93	83	85	89.2	47.8
4..	55.17	54.90	55.68	53.04	53.02	53.81	54.27	25.1	25	29.1	30.3	25	24.8	26.6	31.6	24.4	95	96	79	72	95	95	88.7	34.3
5..	52.94	52.03	53.09	50.80	51.30	53.16	52.22	24.6	24.3	29.6	29.4	25.9	24.6	26.4	31.5	23.6	95	95	77	72	95	96	88.3	132.4
6..	52.77	53.24	54.48	53.85	54.36	55.63	54.06	24.9	25	27	28.5	27	26	26.4	29.2	23.6	97	97	91	84	91	90	91.7	23.6
7..	54.58	54.81	55.56	54.65	54.14	55.27	54.84	25	24.8	29.5	27.3	28.3	26.6	26.9	31.2	24.2	96	98	75	86	78	91	87.3	19.9
8..	54.46	54.55	55.88	54.65	54.57	55.67	54.96	24.9	24.7	29.6	26.8	26.8	27.5	26.7	30	23.9	93	97	78	84	89	87	88	6.8
9..	55.24	55.35	56.15	54.99	55.25	56.45	55.57	27	26.6	27.1	29.5	27.6	27	27.5	30	25.8	86	88	83	78	83	85	83.8	5.8
10..	55.77	56.02	56.88	55.14	55.43	56.95	56.03	26.9	25	31	30.4	29	27.5	28.3	31.7	24.7	86	93	72	74	74	85	80.7	.....
11..	55.74	56.23	57.36	55.88	56.63	57.90	56.62	25.9	25	29.4	29.4	28	26.5	27.4	31.2	24.6	90	93	79	81	79	88	85	19.1
12..	57.37	57.35	58.15	57.52	57.85	59.23	57.91	25.6	24.6	28.9	25.9	25.5	25.5	26	30.5	24.4	95	98	80	92	92	95	92	25.4
13..	58.30	58.64	59.79	57.88	58.44	59.46	58.75	25	24.9	24.6	29.5	26.6	25.8	26.1	30.3	24.2	96	97	95	81	90	93	92	25.9
14..	58.74	58.90	59.67	58.74	59.34	60.55	59.32	25.1	24.9	28.5	25.5	24.4	23.8	25.4	29.3	23.4	95	97	84	93	94	95	93	21.7
15..	58.91	58.74	59.75	57.66	58.12	59.91	58.85	23.7	23.6	28.4	29.2	26	24.5	25.9	31.6	23.2	97	98	79	80	90	95	89.8	15.5
16..	58.75	58.36	59.30	57.70	58.22	60.14	58.74	24	23.8	29	26.2	26.5	25	25.8	31.8	23.2	96	97	78	93	83	93	90	17.8
17..	58.80	59.10	60.13	57.30	57.75	59.68	58.79	24.5	24.1	29.5	31	27	25.8	27	32	23.7	93	96	75	70	80	89	83.8	6.3
18..	58.60	59.08	59.83	57.63	58.11	60.34	58.93	25.5	24.9	30.5	26.4	27.5	26.5	26.9	32.8	24.5	93	96	75	90	84	90	88	5.6
19..	59.59	60.25	60.12	58.34	58.89	60.30	59.58	25.4	24.6	30.1	30.9	28.5	25.5	27.5	32.9	24.3	95	95	77	72	78	90	84.5	1
20..	59.18	58.88	59.18	57.22	56.88	58.48	58.30	25.5	24.9	30	31	28.1	27	27.8	32.4	24.4	93	96	71	67	79	89	82.5	.....
21..	57.10	56.92	57.40	55.84	56.12	57.73	56.85	26.9	25	30.1	30.8	28.4	26.8	28	33.4	24.5	88	95	72	71	78	84	81.3	.....
22..	57.08	56.90	57.63	56.04	55.99	57.78	56.90	27	25	31	31.5	28.6	27.7	28.5	32.8	24.4	88	91	71	66	83	83	80.3	27.9
23..	56.92	56.95	57.58	55.72	56.62	58.33	57.02	25.7	24.6	31	33.5	28.9	27.9	28.6	33.9	23.9	94	97	71	61	78	82	80.5	.....
24..	57.75	57.67	58.64	56.66	57.95	59.99	58.11	27.3	25.4	31	32.7	27.5	25.8	28.3	34.3	24.5	82	93	71	65	86	93	81.7	8.9
25..	59.60	59.31	60.29	57.91	59.38	60.34	59.47	25	24.2	30	32.9	25.1	24.9	27	34.4	23.9	96	97	77	65	92	96	87.2	8.6
26..	59.66	59.98	60.28	58.31	59.60	61.13	59.83	25	24.6	30.4	33.1	24	25.6	27.1	34.5	23.7	94	95	76	66	92	92	85.8	8.4
27..	59.68	59.57	60.80	58.19	58.84	60.37	59.58	25.3	24.1	29.6	32.8	29.1	28.2	28.2	33.6	23.9	94	97	74	64	67	79	79.2	.....
28..	59.36	58.88	59.33	57.18	57.20	58.23	58.36	25.5	25	31.5	32.6	29.2	28	28.6	33.6	24.5	93	97	69	66	76	85	81	.....
29..	57.35	57.12	57.19	54.58	54.78	56.25	56.21	25.9	25	31.3	32.5	29	28.2	28.6	33.3	24.8	93	98	73	66	79	78	81.2	1.5
30..	55.41	55.07	56.03	53.88	54.23	55.59	55.04	25.9	25.4	30.3	30.8	28.6	28.6	28.3	32.4	25	90	93	78	70	76	80	81.2	.....
Mean	57.25	57.20	58.04	56.21	56.66	58.12	57.25	25.4	24.7	29.4	29.9	27.1	26.3	27.1	32	24.2	93	95.7	77.6	75.4	84.1	89.1	85.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	478

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	S	SE	SE	61.7	60	65.5	44.9	232.1	10	A.-S.	S.-Cu. SE	10	A.-S.	Cu.-N.
2..	SE	SE	SE	S	W	Calm	27.1	55.2	30.9	18.5	131.7	10	A.-Cu.	Fr.-N.	10	A.-S.	Fr.-N.
3..	Calm	S	SE	Calm	WSW	W	22	56.5	54.7	25.5	158.7	10	A.-S.	Fr.-N.	10	A.-Cu.	N.
4..	Calm	Calm	SE	SE	SE	SE	12.9	37.3	45.6	72.1	167.9	10	A.-S.	N. WSW	10	A.-S.	Fr.-N.
5..	SE	ESE	SE	NW	NNW	NW	64.1	66.2	81.1	74	285.4	9	A.-Cu. ENE	S. ESE	9	A.-Cu.	Fr.-N. NNE
6..	S	WSW	W	WNW	W	W	48	66.6	89	66.8	270.4	10	A.-S.	N. NNW	10	Ci.-S.	Cu.-N. NW
7..	Calm	Calm	NW	NNW	W	WNW	18.7	23.1	92.7	63.4	197.9	9	A.-Cu.	Fr.-N. NW	10	A.-Cu.	N. W
8..	NW	Calm	WNW	NNW	NNW	W	40.2	90.1	109.4	112.3	352	10	A.-S.	S.-Cu.	10	A.-Cu.	N. NW
9..	W	W	NNW	WNW	WbyS	W	89.6	71.6	95	84.7	340.9	9	A.-Cu.	S.-Cu. NW	10	A.-Cu.	Fr.-N. NW
10..	WNW	Calm	NW	NW	WNW	NW	59.5	32.8	100.6	74.8	267.7	8	Ci.	S.-Cu.	8	Ci.-S.	Cu.
11..	NW	W	NNW	NNW	W	W	23.8	24.1	43.1	42.3	133.3	10	A.-S.	Fr.-N.WSW	10	A.-S.	Fr.-N.
12..	Calm	WNW	WNW	N	Calm	SW	22.7	25.5	33.3	15.5	97	10	.....	N.	10	.....	N. WSW
13..	Calm	SW	N	NNW	Calm	Calm	21.4	33	41	6.2	101.6	10	.....	N.	10	A.-Cu.	Cu.-N.
14..	SW	SW	S	NNW	WbyN	Calm	21.4	31.1	63.8	24.1	140.4	10	.....	N.	10	.....	N. W
15..	Calm	Calm	Calm	NNW	NNW	Calm	14.8	16.4	81.6	49.7	162.5	10	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
16..	Calm	E	SE	WNW	W	N	30.4	59	68.6	34.3	192.3	10	.....	Fr.-N. S	10	A.-Cu.	N. S
17..	N	S	SE	SE	W	W	24.6	55.7	60.4	22.5	163.2	9	A.-Cu.	S.-Cu.	9	Ci.	Cu.-N.
18..	Calm	SW	SSE	W	Calm	Calm	18.3	60.6	38.4	11.3	128.6	10	A.-Cu.	Fr.-N. SW	10	.....	N.
19..	SSW	W	SSE	NNW	NW	N	16.7	40.5	84.8	42.3	184.3	10	A.-Cu.	N.	9	Ci.-S.	Cu.-N.
20..	Calm	N	SbyE	NNW	NNW	W	19.6	38.3	89.8	63.1	210.8	10	.....	S. SE	4	Ci.-S.	Cu.
21..	WNW	SW	SSE	WNW	WNW	NNW	42.8	45.3	95.5	71.6	255.2	5	Ci.	S.-Cu.nwbyw	8	.....	Cu.-N. W
22..	NW	N	S	NW	WNW	NW	44	38.4	80.2	67.3	229.9	8	Ci.	Fr.-N.NNW	8	Ci.-S.	Fr.-N. NW
23..	SE	S	SE	SSW	NW	NW	36.7	42.1	75.1	90.9	244.8	9	Ci.	S.-Cu. SE	2	Ci.	Cu.
24..	NW	N	SSE	SE	NW	W	32.8	40.2	62	44.5	179.5	8	Ci.-S. NE	S.-Cu.	7	Ci.-S.	Cu.
25..	S	S	SE	SW	Calm	E	32.2	70.8	75	21.5	199.5	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
26..	Calm	E	SE	SE	ENE	SW	13.9	65	75	33.6	187.5	9	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N.
27..	NW	SE	SE	SE	NNW	NNW	30.3	28.5	61.2	60.9	180.9	7	Ci.	Cu.	5	Ci.-S.	Cu.
28..	NNW	ESE	SE	N	NNW	N	28.2	45.3	63.4	38.6	175.5	1	.....	S. SE	2	Ci.	Cu.
29..	N	NNE	NE	NNW	NWbyN	NW	17.1	29.8	85.8	86.1	218.8	0	.....	.....	1	Ci.	Cu.
30..	Calm	WbyN	NNW	NW	NW	NW	42.1	37.2	125.2	145.1	349.6	9	Ci.-S.	N. NWbyN	8	Ci.-S. E	Cu.
Mean	.....	.....	.....	.....	.....	.....	32.6	46.2	72.3	53.6	204.7	8.5	.....	.....	8.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,139.9	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.15	54.55	56.28	53.83	54.49	55.41	54.78	28.2	27.8	29	30.5	28.1	27.8	28.6	31	27.1	80	77	76	73	77	81	77.3	.....
2..	53.75	53.88	54.88	52.83	53.02	54.46	53.80	27.5	27.4	29.5	28.7	27	26.5	27.8	30.8	25.2	82	80	78	84	85	92	83.5	17.3
3..	52.98	52.82	54.35	52.60	53.03	54.39	53.36	26.1	26.5	28	28.1	27	26.2	27	29.4	25	86	86	80	84	82	94	85.3	8.4
4..	54.07	54.83	56.13	54.75	56.20	58.17	55.69	25.7	25.2	28.7	30	26	25.8	26.9	30.7	24.8	94	95	83	75	91	93	88.5	17.8
5..	57.20	58.21	59.60	57.61	58.47	59.59	58.45	25	24.8	30.1	26.5	26	25.5	26.3	30.4	24.4	95	98	78	88	92	96	91.2	2.8
6..	58.70	59.44	60.18	58.14	58.35	59.39	59.03	24.8	24.8	30	31.5	27.6	26.2	27.5	32.5	24.2	97	96	79	71	80	95	86.3	1.3
7..	58.37	58.30	59.18	57.32	57.89	58.92	58.33	25.9	24.9	30.2	30.7	28.1	27.6	27.9	32	24.7	94	96	76	72	79	83	83.3	.....
8..	58.09	58.40	59.57	57.62	58.40	59.31	58.56	26.5	24.8	29.9	31	28.3	25.4	27.6	32.3	23.8	85	97	79	69	80	88	83	23.6
9..	58.63	58.85	59.75	57.45	58.68	59.73	58.85	24	23.5	30.8	32.2	24.8	25	26.7	33.4	23.2	96	97	72	65	89	94	85.5	2
10..	58.17	58.44	59.50	57.47	58.30	59.47	58.56	25	24.1	30.5	29.6	25.6	24.5	26.6	32.4	23.6	96	97	74	72	88	93	86.7	2.3
11..	58.49	58.53	59.49	57.12	57.53	59.44	58.43	23.8	23.4	30.2	31.2	28	25.1	27	32.2	22.9	96	97	70	66	74	91	82.3	.....
12..	58.29	58.43	59.98	57.88	58.28	59.31	58.70	24.3	23.5	29	32	28	25.5	27	32.8	23.3	91	96	70	64	79	92	82	.....
13..	58.48	58.80	59.44	57.03	57.29	58.42	58.24	24.7	23.7	30.5	31.2	27.2	25.8	27.2	32	23.5	94	97	71	64	82	91	83.2	4.1
14..	57.17	57.38	58.24	55.83	55.68	56.50	56.80	24.7	24.2	29.5	30.2	27.4	27	27.2	30.5	23.8	96	97	75	65	72	79	80.7	.....
15..	55.25	54.87	54.98	51.15	51.28	50.25	52.96	26	26.1	27.6	26.5	27.4	27	26.8	28.4	25.3	79	79	80	88	84	88	83	12.5
16..	47.47	48.18	51.10	50.29	52.25	54.07	50.56	27.2	25.6	28.2	30.6	26.6	25	27.2	31.6	23.9	87	93	77	65	77	82	80.2	1
17..	53.49	53.12	53.52	51.44	52.78	54.94	53.22	25	23.5	26.2	24.3	24.5	25.2	24.8	26.3	22.4	77	84	79	89	87	94	85	15
18..	54.22	54.23	55.73	53.77	54.70	55.82	54.74	24.5	24.4	26.5	27.5	25.9	24.6	25.6	28	23.8	94	91	84	82	91	95	89.5	5.3
19..	55.02	55.48	57.05	55.32	55.92	57.79	56.10	24.8	25	28	26.9	24.9	24.3	25.6	31.2	23.8	93	92	84	85	92	92	89.7	1.8
20..	56.83	57.07	58.48	56.40	56.77	58.16	57.28	24	23.6	29	31.5	27.5	27.3	27.2	32.1	23.4	95	97	78	65	84	86	84.2	.....
21..	57.37	57.46	57.98	55.82	55.60	56.21	56	74	25.6	25.2	29.6	29.1	27.2	26.6	27.2	30.7	24.8	95	96	79	71	82	87	85	.5
22..	54.42	53.50	53.78	50.87	51.19	53.38	52.86	26.6	26	29.1	29.5	27.9	26.1	27.5	30.6	25.6	87	87	80	77	84	92	84.5	35.3
23..	53.93	55.58	57.07	55.92	57.42	58.71	56.44	24.3	23.4	24.5	26.6	25.3	24.4	24.8	27	23.4	93	97	96	87	93	94	93.3	20.6
24..	57.97	58.68	59.58	57.48	57.91	58.95	58.43	24.1	23.8	28.4	31	27.5	26.2	26.8	31.7	23.5	95	97	80	66	79	88	84.2	.8
25..	58.25	58.45	59.78	58.04	58.20	59.45	58.70	25.6	25.5	27.9	27.7	26	24.2	26.2	29.5	23.4	87	87	78	72	81	91	82.7	.....
26..	58.85	59.15	60.32	58.58	59.43	60.95	59.55	23.3	22.9	30.5	32.6	28.7	25.3	27.2	33.4	22.5	94	95	67	60	73	87	79.3	.....
27..	60.58	61.50	62.27	60.42	61.03	62.08	61.31	24.5	23.3	30.3	31.4	27.5	24.9	27	32.5	23	90	95	70	66	87	91	83.2	1
28..	61.05	60.92	62.44	60.13	60.98	61.94	61.24	23.2	22	30.8	31.2	27.8	25.4	26.7	32.7	21.9	93	96	62	67	79	87	80.7	.....
29..	60.95	61.02	61.19	58.43	58.88	60.08	60.09	24	22.4	30.6	31	27.5	25.2	26.8	32.6	22.1	90	96	64	61	79	93	80.5	.....
30..	59.34	59.40	60.20	57.99	58.52	59.83	59.21	23.5	22.5	30.4	31.8	28	26.4	27.1	33.1	22.1	90	92	64	59	73	84	77	.....
31..	59.13	59.35	60.73	58.46	59.33	60.46	59.58	24.8	23.7	29.5	33.3	27.5	25.2	27.3	33.6	23.4	89	92	73	62	82	86	80.7	.....
Mean	56.80	57.06	58.15	56.06	56.70	57.92	57.12	25.1	24.4	29.1	29.9	27	25.7	26.9	31.2	23.8	90.6	92.6	76	72.1	82.5	89.6	83.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	NW	NW	WNW	WNW	NNW	151.3	151.3	165.7	108	576.3	9	Ci.-S.	S.-Cu. NNW	10	Ci.-S.	S.-Cu. NW
2..	NW	NW	NW	NW	NW	NW	99.3	88.8	120.7	131.2	440	10	Ci.-S.	S.-cf. NNW	10	Ci.-S.	Fr.-N. NNW
3..	NW	NNW	NNW	NNW	NW	WNW	125.5	103.8	122.3	78.3	429.9	10	Ci.-S.	Fr.-N. NNW	10	Ci.-S.	Cu.-N.
4..	WNW	WNW	Calm	WNW	W	Calm	27.2	22.2	59	34.1	142.5	10	.....	N. WSW	10	Ci.-S.	Cu.-N.
5..	W	W	S	WNW	Calm	WNW	26.8	47	63.8	27.6	165.2	10	A.-Cu.	N.	10	.....	N.
6..	WNW	SE	SE	WNW	NW	Calm	38.9	47.7	77.9	27.4	191.9	10	A.-Cu.	S.-Cu.	9	A.-Cu.	Cu.
7..	Calm	Calm	SSW	NW	NW	NW	11	35.1	86.1	71.8	204	9	Ci.	S.-Cu.	8	Ci.-S.	Cu.
8..	N	SE	SE	WNW	WNW	SE	46.5	32.2	86.6	44	209.3	10	.....	S.	7	Ci.	Cu.-N.
9..	SE	SE	ESE	NW	SSW	Calm	29	52.8	66	17.2	165	1	Ci.	Cu.	3	Ci.	Cu.
10..	Calm	S	S	ENE	Calm	SE	20.3	32.7	40.4	37.2	130.6	8	.....	S.	9	Ci.	N.
11..	SE	SE	SE	NNW	NW	S	32.4	38.9	70	57.4	198.7	10	.....	S.	1	Ci.	Cu.
12..	SE	SE	SE	NW	WNW	Calm	40.4	50.7	59	32.7	182.8	9	Ci.-S.	S.-Cu	7	Ci.	Cu.
13..	SE	SE	S	NW	NW	SW	36	32.5	54.9	30.1	153.5	9	Ci.-S.	Cu.	9	Ci.-S.	Cu.
14..	S	SE	WSW	WNW	NNW	NW	33	45.3	114.3	107	299.6	10	Ci.-S.	Fr.-N. NWbyN	8	Ci.	Cu. NW
15..	NNW	NWbyN	NW	NW	NW	NNW	121	140	244.6	251	756.6	10	A.-S.	S.-Cu. NW	10	A.-S.	Fr.-N.NWbyN
16..	NNW	NE	SE	SE	SE	ESE	167.4	143.2	157.7	109.4	577.7	10	.....	N. SE	10	Ci.-S.	S.-Cu. SE
17..	SE	SE	SE	ESE	SE	SE	145.9	111.8	151	140	548.7	10	A.-S.	S.-Cu. S	10	.....	N. SE
18..	SE	SE	SE	ESE	SE	ESE	97.9	116.2	127.1	84.8	426	10	Ci.-S.	Fr.-N. SE	10	A.-S.	S.-Cu.
19..	SE	SSE	SSE	SE	SE	SE	81	95	93	64.7	333.7	10	.....	Fr.-N. SE	10	A.-S.	Fr.-N.
20..	S	SE	SE	S	N	NW	47.8	65.5	44.5	45.1	202.9	9	Ci.	S.-Cu.	9	Ci.	Cu.-N.
21..	N	Calm	WNW	NW	NW	WNW	19.3	46.7	103	86.7	255.7	9	Ci.	S.-Cu.	9	Ci.-S.	Cu.
22..	NW	NW	NW	NW	NW	N	101.6	88.5	107.5	87.2	384.8	10	Ci.-S.	Fr.-N. N	9	A.-Cu.	N S.-Cu.NWbyW
23..	S	SE	SE	SE	E	S	57.9	54.2	46.7	52.6	211.4	10	.....	N. SW	10	A.-S.	Fr.-N. SW
24..	SE	SE	ESE	NNW	W	NW	47.7	43.1	65.2	53.6	209.6	9	A.-Cu.	S.-Cu. SW	3	Ci.-Cu.	Cu.
25..	WNW	W	W	NW	NW	Calm	45.1	79.1	73.4	34.3	231.9	10	A.-S.	N. WNW	10	A.-S.	Fr.-N.
26..	S	SE	SE	SE	SE	SE	41.5	94.3	103.3	38.3	277.4	1	Ci.	S.	2	Ci.	Cu.
27..	SE	ESE	E	NNW	Calm	SE	31.6	41.6	55	30.6	158.8	2	Ci.	Cu.	6	A.-Cu.	Cu.
28..	Calm	Calm	E	NW	SE	S	36.2	36.7	60.7	34.6	168.2	4	Ci.	Cu.	2	.....	Cu.
29..	SSE	E	SE	NbyW	NNW	W	55.7	43.8	74.8	22.5	196.8	1	Ci.-S.	Cu.	2	.....	Cu.
30..	SW	S	SSE	NNW	N	N	28.7	33.6	58.4	26.6	147.3	1	Ci.	Cu.	3	A.-Cu.	Cu.
31..	S	E	SE	SSE	Calm	SE	34.3	59	73.7	42.1	209.1	6	Ci.-S.	S.-Cu.	7	A.-Cu.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	60.6	66.9	91.2	64.8	283 4	8	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,785.9	.....	.....	.....	.....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.95	60.14	60.80	58.28	58.57	60.05	59.63	24	22.4	30.7	33.6	29.1	25.4	27.5	34.1	22	85	91	65	55	70	79	74.2	.....
2..	59.42	59.42	60.62	57.80	58.83	60.06	59.36	23.4	22.4	30.5	31.4	27.5	25	26.7	32.6	22	88	88	62	60	78	81	76.2	.....
3..	59.34	59.96	60.90	57.91	58.27	59.98	59.39	23.5	22.8	30.6	31.4	27.9	24.2	26.7	33.7	22.5	88	88	65	61	77	84	77.2	.....
4..	59.20	59.22	60.49	58.48	58.88	60.15	59.40	22.4	20.9	30	31.2	27.9	24.7	26.2	32.4	20.5	88	92	61	57	74	82	75.7	.....
5..	59.52	59.52	60.45	58.38	58.89	60.53	59.55	23.2	22	30.8	33.5	28.3	25.8	27.3	34.3	21.6	88	90	60	52	70	81	73.5	.....
6..	59.58	60.01	60.45	58.16	58.89	60.38	59.58	23.8	22.3	30.6	32.2	28.5	25.8	27.2	33.4	22	85	93	68	61	73	79	76.5	.....
7..	59.95	60.49	61.19	59.03	59.39	60.78	60.14	24.2	22.8	31.2	33.2	28	24.9	27.4	34	22.5	85	92	64	57	80	84	77	.....
8..	59.71	60.54	61.38	59.14	59.83	61.35	60.32	23.7	22.9	31.4	31.5	28.3	24.6	27.1	34.6	22.5	90	89	60	65	71	85	76.7	.....
9..	60.84	61.15	61.96	59.33	60.03	61.43	60.79	23.1	22	31.2	32.2	27.4	24.2	26.7	33.6	21.6	90	91	55	57	71	84	74.7	.....
10..	60.95	61.59	62.65	59.88	59.94	61.38	61.06	22.5	22	30.6	31.6	27	23.1	26.1	32.3	21.5	89	87	65	60	76	83	76.7	.....
11..	60.77	61.31	62.33	59.53	60.40	61.98	61.05	22	21.9	30.7	33	27	24.4	26.5	33.8	21.2	83	79	53	43	72	62	65.3	.....
12..	60.30	61.25	61.92	59.37	60.03	61.25	60.69	23.5	22	29.9	30.6	26	24.2	26	32	21.5	73	81	62	62	78	75	71.8	.....
13..	60.80	61.31	61.87	59.46	60.42	61.88	60.96	21.5	23.5	31.6	33	28.3	24.2	27	33.6	20.4	87	70	51	44	74	83	68.2	.....
14..	61.04	61.30	62.05	59.27	60.08	61.86	60.93	24	23	29.5	32.9	28.6	26.2	27.4	33.6	22.5	87	88	64	47	63	76	70.8	.....
15..	60.79	61.16	61.78	59.07	59.69	61.27	60.63	24	23.6	31.5	32.9	27 7	23.1	27.1	33.6	22.7	85	89	48	37	60	77	66	.....
16..	60.53	61.10	61.75	58.90	59.26	61	60.42	20.5	20.4	30.6	31.2	26.5	23.4	25.4	32.3	19.8	86	81	50	62	78	83	73.3	.....
17..	59.99	60.61	61.58	59.45	59.55	60.49	60.28	21 2	19.9	29.5	30.6	27.2	23	25.2	31	19.2	90	91	63	66	65	81	76	.....
18..	59.64	60.41	61.32	58.74	59.20	60.46	59.96	22.9	21	30.3	32.2	27	24.2	26.3	33.2	20.2	83	90	51	50	77	75	71	.....
19..	60.07	60.37	61.13	59.08	59.28	60.91	60.14	21.5	20.3	29.3	30	26.6	23.8	25.2	31.1	20	88	92	61	60	75	89	77.5	.....
20..	60.19	61.11	61.95	59.44	59.60	60.34	60.44	24	22.2	30	31	26.8	24.5	26.4	32.8	21.9	88	93	61	56	74	73	74.2	.....
21..	59.72	60.07	61	58.31	58.97	60.83	59.82	23.1	22.4	30.2	32.8	27.7	24.5	26.8	33.5	22	78	81	54	49	73	81	69.3	.....
22..	59.71	60.67	61.12	58.77	59.70	60.48	60.08	21.9	20.9	29.2	30.2	27	26.5	26	30.9	20.5	90	94	60	66	73	76	76.5	.....
23..	59.54	59.95	60.35	58.10	59.40	60.39	59.62	22.8	21.9	31	31.6	27.5	27.1	27	33.1	21.4	93	92	62	62	76	78	77.2	.....
24..	59.65	60	60.72	57.87	59.27	60.53	59.67	24.1	23	31.2	34.3	25	24	26.9	34.5	22.8	94	95	64	52	83	91	79.8	13.8
25..	59.35	59.62	60.93	58.19	58.88	60	59.50	23	22	30.1	31.6	28	26.9	27	33.1	21.8	89	91	64	62	77	83	77.7	4.6
26..	59.18	59.82	60.74	58.33	59	60.43	59.58	23.6	22.1	30.1	31.3	27.8	26.9	27	32.7	21.9	90	95	65	58	77	82	77.8	.....
27..	59.70	60.32	61.30	58.85	59.39	60.71	60.04	26.2	23.1	30	30.5	27.1	26.5	27.2	31.1	22.9	86	94	67	68	79	83	79.5	.....
28..	59.44	60.42	60.73	58.58	59.03	60.39	59.96	24	22.5	30.6	30.6	27.1	26	26.8	32.5	22.2	92	96	67	65	79	87	81	.....
29..	59.53	60.41	61.38	59.16	59.80	60.93	60.20	23.5	22.8	31	31.7	27.6	25.4	27	33.3	22.4	91	89	55	59	76	82	75.3	.....
30..	60.25	60.77	61.29	59.11	59.77	61.05	60.37	23	22.9	31.1	31.5	28	25.3	27	33.4	22.3	90	88	59	57	77	77	74.7	.....
Mean	59.96	60.47	61.27	58.80	59.41	60.78	60.11	23.1	22.1	30.5	31.8	27.5	24.9	26.7	33	21.6	87.3	89	60.2	57	74.2	80.5	74.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	SE	SE	NbyE	S	39.7	60	48.8	34.9	183.4	1	Ci.	Cu.	2	.....	Cu.
2..	SE	E	N	NNW	SSE	SE	40.5	42.1	54.5	44.1	181.2	0	Ci.	.....	2	A.-Cu. E	Cu.
3..	SE	SE	SSE	N	Calm	SE	27.9	48	51.3	33.6	160.8	1	Ci.	Cu.	2	.....	Cu.
4..	SE	SE	Calm	WNW	NW	S	33.8	29.2	50.4	27.4	140.8	9	Ci.-S.	Cu.	2	Ci.	Cu.
5..	SE	SE	SE	NE	N	Calm	34.1	49.6	44.1	21.4	149.2	2	Ci.	.....	1	Ci.	Cu.
6..	S	SE	E	NNW	Calm	SE	36	43.8	49.1	47.3	176.2	7	Ci.-S.	Cu.	2	Ci.	Cu.
7..	SE	SE	SW	NE	Calm	SW	30.8	32.2	41.2	25.9	130.1	9	Ci.-S.	Cu.	3	Ci.	Cu.
8..	SSE	SE	SE	N	NE	SE	31.7	63.8	45.1	29.6	170.2	1	Ci.-Cu.	S.-Cu.	7	A.-Cu. E	S.-Cu. E
9..	SE	E	SE	NNW	S	S	29.5	35.4	55.5	40.7	161.1	2	Ci.	Cu.	2	A.-Cu.	Cu.
10..	E	SE	WSW	NW	Calm	Calm	37.3	29.5	54.5	35.1	156.4	1	Ci.	.....	2	Ci.	Cu.
11..	Calm	SE	SE	SE	Calm	Calm	35.4	67.6	79.1	26.6	208.7	1	Ci.	S.-Cu.	0	Ci	Cu.
12..	SSE	E	NW	N	Calm	SE	50.7	39.2	60.2	72.6	222.7	2	.....	Cu.	3	A.-Cu.	Cu.
13..	NE	SE	SE	ESE	NW	S	45.7	83.1	100.4	25.7	254.9	0	.....	Cu.	3	A.-Cu.	Cu.
14..	Calm	Calm	SSE	E	NE	SE	17.5	67.1	74	29.8	188.4	9	A.-Cu.	S.-Cu. E	5	Ci.	Cu.
15..	S	Calm	ESE	E	E	S	37.6	73.2	108	68.4	287.2	4	A.-Cu.	S.-Cu. E	1	A.-Cu.	Cu.
16..	Calm	SE	SE	NW	Calm	SE	35.7	40.8	57.7	37.8	172	0	.....	Cu.	1	.....	Cu.
17..	SE	SE	E	NW	NW	S	22.5	31.6	81.8	39.7	175.6	0	.....	Cu.	1	.....	Cu.
18..	S	SE	SE	NW	N	S	59.3	46.4	58.1	47.8	211.6	0	Ci.	.....	1	.....	Cu.
19..	SE	SE	E	NNW	N	Calm	38	38.3	76.1	31.1	183.5	0	.....	.....	4	Ci.	Cu.
20..	NE	ENE	SSE	NW	N	SSE	25.4	54.9	50.2	56.6	187.1	5	Ci.	S.-Cu.	6	.....	Cu. E
21..	SE	SE	SE	SSE	N	SE	65.4	97.4	72.4	31.4	266.6	3	Ci.	Cu.	2	Ci.	Cu.
22..	SE	Calm	SW	NW	NW	Calm	15.1	24.3	90.1	65	194.5	7	Ci.	Cu.	5	Ci.	Cu.
23..	Calm	E	SSE	NNW	NW	NNW	28.5	39.2	81.9	61.2	210.8	6	Ci.	Cu.	8	A.-Cu.	S.-cf. S
24..	Calm	Calm	SSE	SSE	NNW	W	24.7	56.9	70.5	37.6	189.7	5	Ci.	Cu.	4	.....	S.-cf. E
25..	S	E	SE	N	N	NW	51.8	53.7	46.4	30.1	182	2	Ci.	Cu.	7	Ci.	Cu.
26..	S	S	SE	NNW	NW	NW	28.2	40.2	68.6	73.7	210.7	0	Ci.	.....	1	.....	Cu.
27..	NW	Calm	N	NW	NNW	NW	40	28.8	96	82.3	247.1	1	Ci.	Cu.	1	.....	Cu.
28..	Calm	ENE	S	NNW	NW	N	17.2	42.3	88.7	45.1	193.3	2	.....	S.-Cu. E	1	.....	Cu.
29..	Calm	SE	SE	NNW	N	S	31.1	54.1	71.6	35.2	192	0	Ci.	Cu.	1	.....	Cu.
30..	S	SE	SE	NNW	Calm	SSE	33.5	44.9	60.2	54.7	193.3	1	.....	S.-Cu.	5	A.-Cu. E	Cu.
Mean	.....	.....	.....	.....	.....	.....	34.8	48.6	66.2	43.1	192.7	2.7	.....	.....	2.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,781.1	....	.....	.....	....	.....	.....

DAGUPAN.

[ϕ=16° 03′ N; λ=120° 20′ E; barometer above sea, 2.7 meters; gravity correction not applied, —1.67 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.55	60.49	61.55	58.93	59.28	60.90	60.28	24	23.3	30.6	30.9	27.3	25.9	27	32.5	22.8	78	78	55	62	78	85	72.7	.....
2..	60.29	60.72	61.52	59.08	59.43	60.90	60.32	22.8	21.1	30.1	30.8	27.2	26.8	26.5	31.6	20.8	88	92	62	61	78	80	76.8	.....
3..	59.94	60.51	61.48	58.53	58.85	60.39	59.95	24.7	22.5	30.6	32.5	27.6	24.6	27.1	33.5	22.2	87	90	60	56	68	75	72.7	.....
4..	59.82	60.52	61.13	58.51	59.59	60.71	60.05	23.4	22	29.9	32.4	27	23.8	26.4	32.8	21.5	76	77	49	44	65	73	64	.....
5..	59.92	60.38	60.79	58.72	59.99	61.29	60.18	22.5	21	30.1	33.6	26.5	23.9	26.3	34	20.5	75	85	54	46	65	70	65.8	.....
6..	60.90	61.41	62.60	59.87	60.24	62.06	61.18	23.2	22.5	30.4	31.2	26.7	23.5	26.2	33.6	21.9	75	78	51	56	60	71	65.2	.....
7..	61.50	62.21	62.77	60.08	60.55	61.31	61.40	22	21.4	29.2	32	26.6	21.7	25.5	33.5	20.9	75	72	45	43	58	80	62.2	.....
8..	60.55	61.65	63.04	60.70	60.86	61.94	61.46	22.4	20.4	29.1	30.7	26.5	22	25.2	31.9	19	74	78	49	49	69	85	67.3	.....
9..	61.10	61.43	62.20	59.30	59.79	60.37	60.70	20.3	18.9	28.8	30.2	26.2	24.3	24.8	31.4	18.5	90	91	56	54	75	73	73.2	.....
10..	60.41	61.22	61.53	58.71	59.38	60.91	60.36	22.1	21.4	29.8	32.8	26.8	23.7	26.1	33.6	20.9	88	91	60	46	69	76	71.7	.....
11..	60.50	60.32	61.10	58.89	59.33	60.40	60.09	21	19	28.2	30.5	26.8	23.6	24.8	31.5	18.8	92	92	59	60	77	88	77	.....
12..	59.15	60.02	60.93	58.84	59.44	60.42	59.80	20.7	20.2	29	30.2	26.5	23.8	25.1	30.7	19.1	91	89	64	62	79	89	79	.....
13..	59.04	59.52	60.91	58.70	59.14	60.31	59.60	21.9	21	26.4	29.9	26.5	24.3	25	30.7	20.6	91	91	71	54	72	75	75.7	.....
14..	59.67	60.03	60.96	58.37	58.84	60.03	59.65	21.5	21.2	30	30	26.9	23.6	25.5	31	21	88	89	65	62	69	82	75.8	.....
15..	60.01	60.10	61.14	58.87	59.64	60.69	60.08	21.6	20.4	29.7	32	27.2	24.6	25.9	32.9	20	90	92	62	59	79	75	76.2	.....
16..	60.27	59.87	61.41	59.43	60.48	61.43	60.48	23.3	23.5	28	31.5	27.2	24.6	26.4	33.2	22.2	84	83	70	60	80	82	76.5	.....
17..	61.10	61.11	61.73	59.48	59.72	61.28	60.74	23	22.8	30.7	31	26.9	24.2	26.4	33.4	22.5	87	84	54	59	82	90	76	.....
18..	60.85	61.26	62.03	59.31	59.98	61.25	60.78	22.4	19.6	28.6	32.1	27	23.4	25.5	32.8	19.3	85	91	60	43	62	72	68.8	.....
19..	61.44	61.72	62.47	60.15	61.13	62.15	61.51	21.6	19.8	29.9	30	26.4	22.7	25.1	32.7	19.5	84	90	52	56	76	87	74.2	.....
20..	61.75	61.67	61.97	59.77	60.56	61.31	61.17	20.6	19.6	29.5	30	26.4	23.3	24.9	32.4	19.3	89	91	56	54	70	81	73.5	.....
21..	60.50	61.05	61.38	58.88	59.28	60.31	60.23	22.5	20.7	28.6	31.6	26.6	23.4	25.6	32.5	20.4	82	89	61	56	75	78	73.5	.....
22..	59.78	60.62	61.43	58.84	59.18	60.01	59.98	21.5	20.4	27.5	30.6	26.1	25.8	25.3	31	20	87	88	64	52	75	84	75	.....
23..	58.88	59.49	61.04	58.67	59.01	59.76	59.48	20.5	19	28.1	29	25.9	21.3	24	29.6	18.5	92	91	70	65	69	86	78.8	.....
24..	59.09	59.57	60.58	57.99	58.45	59.56	59.21	19.7	18	27.5	31	26	22.8	24.2	31.8	17.5	90	95	60	52	65	84	74.3	.....
25..	58.54	58.55	59.24	56.59	56.32	56.80	57.67	20.5	19.8	27.9	28.4	26.5	24.2	24.6	29.9	19.5	91	94	73	72	82	91	83.8	.....
26..	55.58	55.91	57.26	55.75	56.15	57.92	56.43	23.7	24.4	27.7	29	26.7	25.7	26.2	29.9	23	92	81	69	60	64	68	72.3	.....
27..	57.43	57.74	59.58	57.53	58.62	59.75	58.44	25.1	22.5	29.3	31.1	27.4	24.5	26.6	32.6	22.2	75	89	67	60	82	79	75.3	.....
28..	59.41	59.73	61.58	58.70	59.08	60.53	59.84	22.2	21.4	29.4	29.5	27	24.8	25.7	31.2	21	88	91	68	71	82	92	82	.....
29..	60	60.39	61.32	58.84	59.34	60.55	60.07	23	22.1	30.1	31	27.1	24.5	26.3	32.4	21.8	95	96	61	62	82	91	81.2	.....
30..	60.30	60.88	61.74	59.34	59.82	61.26	60.56	23	21.7	30	31	27.2	24.3	26.2	33	21.4	93	94	62	57	83	89	79.7	6.1
31..	60	60.92	62.30	59.62	59.78	61.35	60.66	23.6	23.1	30.2	29	27.5	24.9	26.4	33	22.2	81	84	60	69	69	76	73.2	.....
Mean	59.94	60.36	61.31	58.87	59.40	60.58	60.08	22.3	21.1	29.2	30.8	26.8	24	25.7	32.1	20.6	85.4	87.6	60.3	56.8	72.9	80.9	74	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	S	SE	NW	NNW	W	67.4	47.5	78.6	33.6	227.1	6	Ci.	S.-Cu. NE	3	Ci.	Cu.
2..	S	SE	Calm	NW	NNW	N	34	38.8	76.9	56.3	206	0	Ci.	.....	1	Ci.	Cu.
3..	S	Calm	SE	NW	SE	SSE	31.7	38.3	49.9	71.4	191.3	3	Ci.	S.-Cu.	5	Ci.-S.	Cu.
4..	S	S	SE	SE	S	S	89.1	97.9	67	51.2	305.2	7	Ci.-S.	S.-Cu.	9	Ci.-S.	.....
5..	S	SE	SSE	SE	SSE	S	40.2	80.5	114.3	104.6	339.6	2	Ci.	Cu.	2	Ci.	Cu.
6..	SSE	SSE	SSE	NNW	SE	SSE	106.2	72.4	59.8	94.6	333	2	Ci.	.....	2	Ci.	Cu.
7..	S	S	SSE	SE	N	Calm	82.7	89.5	67.6	37	276.8	7	Ci.	.....	0	.....	.....
8..	SSE	S	SSE	NW	N	SW	78.9	56.9	66.2	31.9	233.9	2	Ci.	Cu.	1	Ci.	Cu.
9..	SE	SE	SE	NNW	Calm	SSE	38	40.4	56.3	44.1	178.8	1	Ci.-S.	.....	1	Ci.	Cu.
10..	Calm	NE	SE	SE	NE	S	22	73.8	96.4	34.8	227	2	Ci.	S.-Cu.	2	A.-Cu.	Cu.
11..	SE	Calm	S	NW	NNW	SE	26.4	32.4	67.8	51.8	178.4	2	Ci.	.....	5	Ci.	Cu.
12..	SE	SE	NE	NW	NNW	Calm	35.9	30.1	73	38.9	177.9	2	Ci.	Cu.	1	Ci.	Cu.
13..	Calm	E	SE	W	Calm	S	38.3	36	32.8	40.5	147.6	9	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu.
14..	E	E	N	NNW	NNW	Calm	40.4	47	78.9	27.4	193.7	3	Ci.	S.-Cu.	5	Ci.-S.	Cu.
15..	SE	SE	SE	NNW	Calm	SE	34.9	43.3	54.2	27.7	160.1	1	Ci.	S.-Cu.	8	A.-Cu.	Cu.
16..	SE	SE	SE	NNW	Calm	SW	68.7	46.4	61.2	24.4	200.7	2	Ci.	S.-Cu.	8	A.-Cu.	E Cu.
17..	Calm	S	SSE	NNW	NNW	Calm	38.3	87.7	84.2	40	250.2	2	Ci.	Cu.	3	Ci.	Cu.
18..	SE	SE	SSE	SSE	SSE	S	43.3	84.3	115.9	68.6	312.1	3	Ci.	Cu.	9	Ci.-S.	Cu.
19..	SE	SE	SSE	N	N	Calm	35.9	48.6	67.9	23.6	176	5	Ci.-S.	Cu.	2	Ci.	Cu.
20..	S	SE	SE	NNW	Calm	SW	34.8	55.7	64.7	27.1	182.3	1	Ci.	Cu.	9	Ci.-S.	Cu.
21..	SE	SE	S	NNW	N	SSE	36.2	43.1	63.6	27.2	170.1	4	Ci.	S.-Cu.	7	Ci.-S.	Cu.
22..	SE	SE	SE	NW	N	N	36.2	26.8	52.8	40	155.8	10	A.-S.	S.-Cu.	6	Ci.-S.	Cu.
23..	E	SE	SW	WNW	NW	Calm	37.5	33	89.8	33	193.3	2	Ci.-S.	S.-Cu.	1	Ci.	Cu.
24..	SE	SE	SE	NNW	NW	W	27.6	47.2	64.7	38.8	178.3	2	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
25..	Calm	Calm	NW	NW	NW	W	14.2	47.3	74	25.7	161.2	10	A.-S.	S.-Cu.	10	Ci.-S.	Cu.
26..	Calm	ENE	SSE	SE	SE	SE	21.9	75.1	91.7	67.1	255.8	10	A.-S.	S.-Cu.	10	A.-S.	S.-Cu.
27..	SE	E	E	NNW	Calm	SE	50.5	28.8	63	30.4	172.7	8	Ci.-S.	S.-Cu	6	Ci.	Cu.
28..	E	E	SW	NW	NW	W	44.5	34	82.1	32.7	193.3	2	Ci.	S.-Cu.	1	Ci.	Cu.
29..	Calm	Calm	SE	NNW	NW	SW	17.4	32.5	82.9	26.6	159.4	0	.....	S.-Cu.	5	A.-Cu.	Cu.
30..	Calm	SE	SE	NNW	Calm	S	22.5	50.1	77.9	42	192.5	7	A.-Cu.	S.-Cu.	8	A.-Cu.	Cu.
31..	S	SE	SE	NW	Calm	SE	69	52.8	47.5	75.9	245.2	9	A.-Cu.	S.-Cu.	8	A.-Cu.	S.-Cu. E
Mean	.....	.....	.....	.....	.....	.....	44	52.2	71.7	44.2	212.1	4.1	.....	.....	4.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,575.3	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	36.21	36.41	37.40	36.58	36.77	37.85	36.87	13.6	13.5	20.2	18.4	16.4	15.2	16.2	20.9	12.1	80	82	64	84	88	92	81.7	0.3
2..	37.43	37.51	38.50	37.25	37.21	37.89	37.63	14.8	14.4	16.9	17.4	15.9	14.4	15.6	21.4	12.8	92	98	89	89	95	91	92.3	2.8
3..	37.18	37.31	38.64	36.86	36.69	37.71	37.40	13.2	13.2	18	21.3	16.2	13.2	15.7	21.5	12	94	88	62	55	78	85	77	.....
4..	37.24	37.26	38.44	36.90	37.25	38.32	37.57	12.5	12.4	18.8	20.1	15.9	13.9	15.6	21.6	11.6	83	78	58	72	90	90	78.5	.....
5..	37.77	37.25	38	36.83	36.76	37.31	37.32	13.4	12.8	19.9	17.3	15.4	13.2	15.3	21	11.9	88	86	60	87	78	88	81.2	.....
6..	36.86	37.11	38.21	36.87	37.07	37.67	37.30	13	12.5	15	17.5	13.9	12.1	14	20.8	11.3	86	85	73	85	83	92	84	.....
7..	36.89	36.79	37.91	36.62	37.04	38.05	37.22	11.8	12.9	18.1	19.9	13.9	12.6	14.9	21.6	10.7	90	78	62	52	77	79	73	.....
8..	37.23	37.44	38.58	37.35	37.54	38.42	37.76	11.1	10.8	15.9	18	11	10	12.8	19.2	9.3	85	80	56	51	80	79	71.8	.....
9..	37.34	37.32	38.41	37.15	36.82	37.84	37.48	9.9	9.4	16.4	16.1	11.4	9.2	12.1	19.5	8.4	75	77	54	77	74	82	73.2	.....
10..	37.34	37.11	37.81	36.90	37.21	37.83	37.37	9.1	9	16.7	17.9	12.5	11.4	12.8	20.3	8.3	78	78	50	66	71	76	69.8	.....
11..	37.34	37.36	38.65	37.25	37.56	38.22	37.73	11.1	12.3	18.9	20.9	14.9	14.6	15.4	22.5	10.4	83	76	54	68	82	82	74.2	.....
12..	37.85	37.41	38.71	37.05	37.45	38	37.74	14	13.9	21.1	17.5	16	14.4	16.2	24.1	13.2	86	82	57	90	89	89	82.2	.....
13..	37.26	37.07	37.99	37.02	37.18	37.92	37.41	13.9	14.3	19.7	16.7	15.4	14.5	15.8	21.3	12.9	93	94	64	93	93	100	89.5	.....
14..	37.58	37.30	38.02	36.64	36.86	38.16	37.43	14.2	13.9	20.2	18.9	14.4	13	15.8	23.4	11.6	95	86	63	81	82	86	82.2	.....
15..	37.53	37.53	38.69	37.50	37.83	38.53	37.94	12.1	11.7	19.4	19.2	15.5	12.6	15.1	22.8	11	87	86	57	75	82	92	79.8	.....
16..	37.64	37.80	38.21	36.55	36.75	37.54	37.42	13.1	12.2	17.9	16.2	15.1	12.7	14.5	20.8	11.4	95	99	77	96	98	93	93	.....
17..	36.73	36.71	37.40	36.17	35.94	36.85	36.63	11.6	11.1	17.4	16.6	14.1	11.4	13.7	20.9	10.1	88	71	56	81	85	88	78.2	.....
18..	35.76	36.12	37.49	36.09	36.10	36.93	36.42	11	11.8	20.8	17.5	15.6	13.8	15.1	21.8	10.1	85	75	52	83	93	93	80.2	.....
19..	36.25	36.42	37.41	36.22	36.64	37.64	36.76	14.1	14.7	19.6	18.6	16.4	15.2	16.4	21.3	13.1	91	85	71	83	94	97	86.8	.....
20..	36.95	37.25	38.11	36.43	36.71	37.58	37.17	14	13.6	19	20.5	14.2	12.2	15.6	22.9	10.7	97	93	71	72	79	86	83	.....
21..	36.78	36.63	37.66	36.01	36.07	37.21	36.73	10.8	10.3	16.6	20.1	13.3	11.1	13.7	21.5	9.4	87	83	51	68	80	83	75.3	.....
22..	36.55	36.69	38.14	36.78	36.92	37.88	37.16	10.1	9.9	17.5	19.2	13.6	12.5	13.8	20.1	9	86	87	58	65	98	90	80.7	.....
23..	37.03	36.39	36.96	35.75	35.84	36.96	36.49	10.5	9.9	17.5	18.2	12.9	11.3	13.4	20.8	9	90	90	55	69	70	80	75.7	.....
24..	36.29	36.21	36.86	35.33	35.51	36.63	36.14	10.8	11.5	16.9	19.3	14.9	12.4	14.3	22.6	9.9	82	80	60	71	77	84	75.7	.....
25..	35.96	35.99	36.95	35.47	35.67	36.59	36.10	11.6	11.4	17.9	20.2	14.1	12	14.5	22.1	10.8	91	89	55	69	77	85	77.7	.....
26..	35.82	36.05	37.32	36.21	36.21	36.93	36.42	11.7	11	18.7	16.9	13.9	12.4	14.1	20.7	10.3	84	85	56	80	78	86	78.2	.....
27..	36.07	36.19	37.14	35.72	35.75	36.77	36.27	12	12.2	18.2	15	14.1	12.8	14	19.8	11.1	87	87	70	98	93	91	87.7	.....
28..	36.34	36.10	36.91	35.12	35.10	36.02	35.93	11.8	12.3	14.6	17	14.2	12.3	13.7	19.9	10.9	91	95	86	83	89	90	89	.....
29..	35.54	35.26	36.14	35.35	35.46	36.49	35.71	11.8	11.7	18.4	16	14.7	12.7	14.2	20.6	11	89	86	66	84	91	92	84.7	.....
30..	35.71	35.69	36.66	35.31	35.62	36.52	35.92	12.7	13.4	18.4	17.1	15.6	14.1	15.2	21.1	12.6	89	82	61	85	87	89	82.2	.....
31..	36.32	36.22	37.39	36.06	36.33	37.11	36.57	13.2	13.3	16.4	17.4	14.7	13.2	14.7	20	12.4	93	83	67	63	74	80	76.7	.....
Mean	36.80	36.77	37.76	36.45	36.58	37.46	36.97	12.2	12.2	18.1	18.2	14.5	12.8	14.7	21.3	10.9	87.7	84.6	62.4	76.6	84	87.4	80.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	SSE	W	E	E	114.3	72.7	41.2	76.6	304.8	2	Ci.	S.-Cu.	10	.....	Cu.-N. ESE
2..	E	NE	SW	SW	NE	E	59.5	54.2	65	75	253.7	9	.....	S.-Cu.	10	.....	Cu.-N.
3..	E	SE	E	SE	E	E	102.8	151.5	102.5	143.5	500.3	10	.....	Cu.-N.	0	Ci.	Cu. SSW
4..	E	E	E	WSW	E	E	117.2	95.6	63.9	92.2	368.9	0	Ci.	Cu.-N.	9	.....	Cu.-N.
5..	E	E	E	SW	E	E	107.8	91.5	53.9	115.6	368.8	2	Ci.-S.	S.-Cu.	10	.....	Cu.-N. ESE
6..	E	E	E	SW	E	E	110.4	104.8	57.7	132.3	405.2	9	.....	s.-cu. ESE	10	.....	Cu.-N.
7..	E	E	SE	E	SE	E	133.9	118.3	114.9	173.6	540.7	0	Ci.	S.-Cu.	3	A.-Cu. E	Cu.
8..	E	ESE	E	ESE	E	E	184.4	168.6	111.8	149.7	614.5	0	Ci.	Cu.-N.	1	Ci.-S. WSW	Cu.-N.
9..	E	E	ESE	WNW	SE	E	143.7	120.5	88.2	146.2	498.6	0	Ci.	Cu.	10	.....	Cu.-N. ESE
10..	E	ESE	E	SW	E	E	136.8	128.5	79.1	197.6	542	1	Ci.-S.	Cu.-N.	0	Ci.-S.	Cu. ENE
11..	E	E	E	SW	E	E	206.2	143.7	81.5	140.3	571.7	0	Ci.	S.-Cu.	2	Ci.	Cu.-N. ESE
12..	E	E	E	WSW	SE	E	122.6	77.4	82.3	75	357.3	0	Ci.	S.-Cu.	10	.....	S.
13..	E	NE	ESE	NW	W	E	67.6	48.6	48.9	42.6	207.7	9	.....	Cu.-N.	10	.....	S.
14..	NE	E	E	SW	E	E	77.9	103	62.3	146.1	389.3	1	Ci.	S.-Cu.	10	.....	S.
15..	E	E	E	SW	E	E	138.7	104.6	62.8	90.7	396.8	0	Ci.	S.-Cu.	6	.....	Cu.-N. ENE
16..	SW	NW	WSW	W	SW	E	22	40.5	73.2	53.2	188.9	10	.....	S.	10	.....	S.
17..	E	E	SSE	SW	SE	E	84	69.7	53.7	87.1	294.5	9	.....	S.-Cu.	10	.....	S.
18..	E	E	WSW	SW	SE	E	98.7	62.5	65.8	91.9	318.9	0	Ci.	S.-Cu.	10	.....	S.
19..	E	E	WSW	SW	E	E	96.1	58.7	67.6	51.2	273.6	0	Ci.	S.-Cu.	10	.....	S.
20..	E	E	E	WSW	ESE	SE	78.9	68.6	97.9	127.7	373.1	0	Ci.-Cu.	S.-Cu.	9	.....	Cu.-N.
21..	E	E	E	SW	E	E	145.1	138.2	65.2	124.5	473	0	Ci.	Cu.	3	Ci.	Cu. ENE
22..	E	E	SW	SW	W	E	93.3	73.7	91.9	56.9	315.8	0	.....	S.	9	.....	Cu.-N. NE
23..	E	NE	E	SW	E	E	83.7	52	104.1	134.7	374.5	0	Ci.	S.-Cu.	2	Ci.	Cu. ESE
24..	E	ESE	E	SW	E	E	142.6	162.6	68.6	128.1	501.9	4	.....	S.-Cu.	1	Ci.	Cu. ESE
25..	E	SE	ESE	SW	E	E	148.6	140.8	70.2	131.7	491.3	0	Ci.	S.-Cu.	3	Ci.-S.	Cu. E
26..	E	E	E	WSW	E	E	122.9	92.7	67.8	92	375.4	0	Ci.	S.-Cu.	10	.....	S.
27..	E	E	SW	W	E	E	76.6	67.1	70.2	75.4	289.3	9	.....	Cu.-N.	10	.....	S.
28..	E	NE	E	W	ESE	E	72.9	27.7	58.7	100.9	260.2	10	.....	Cu.-N.	10	.....	S.
29..	E	E	SW	W	W	E	79.1	43.7	75.9	75.8	274.5	0	Ci.	S.-Cu.	10	.....	S.
30..	E	E	E	WSW	E	E	96.1	90.4	39.6	101.7	327.8	10	.....	S.-Cu.	10	.....	S.
31..	SE	E	SE	E	SE	E	114.3	145.1	120.4	156.9	536.7	10	.....	Cu.-N.	10	.....	Cu.-N. ESE
Mean	.....	.....	.....	.....	.....	.....	109	94.1	74.4	109.2	386.8	3.4	.....	.....	7.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,989.7	.....	.....	.....	.....	.....	.....

NOTE.—The barometric readings of this station are not reduced to sea level.

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	36.57	36.74	37.71	36.75	36.89	37.27	36.99	12.2	12.2	15	17.2	13.6	13.3	13.9	18.1	11.6	83	83	69	62	77	79	75.5	.....
2	36.34	36.82	38.24	36.94	36.89	37.58	37.14	13.1	14.4	16.9	20.1	14.7	15.1	15.7	21	12.6	82	77	67	53	80	60	69.8	.....
3	36.80	37.01	38.16	36.54	36.40	37.23	37.02	15.2	15.2	22.3	20.9	17.5	15.5	17.8	25.1	14.5	73	52	48	71	79	86	68.2	.....
4	36.20	36.27	37.63	35.91	35.73	36.42	36.36	15.3	15.8	22.7	21.4	16.9	15.5	17.9	22.7	14.5	86	84	58	68	93	93	80.3	.....
5	35.40	35.79	36.94	35.50	35.47	35.79	35.82	15.7	14.9	17.2	19.9	16.9	15	16.6	23.3	14	96	99	91	74	86	83	88.2	.....
6	34.82	35.34	36.65	35.33	35.24	35.56	35.49	14	13.6	19.4	20.4	15.1	13.8	16	22.3	12.5	86	89	68	63	83	56	74.2	.....
7	34.82	34.79	35.87	34.86	35.07	35.91	35.22	12.2	11	18.5	19	15.4	12.9	14.8	22.3	10.4	79	87	50	71	79	85	75.2	.....
8	35.55	35.61	37.09	36.32	36.10	37.38	36.34	11.5	11.4	18.1	18.8	14.6	13.5	14.6	20.4	10.4	82	78	47	58	89	80	72.3	.....
9	36.75	36.83	38.31	37.16	37.50	37.78	37.39	12	11.9	19	17	14.2	12.7	14.5	21.8	9.9	85	66	50	82	97	86	77.7	.....
10	37.36	37.54	38	37	37.45	38.13	37.58	12.2	13.5	22.1	20.4	15.9	13.7	16.3	22.8	11.7	84	62	42	67	89	91	72.5	.....
11	37.42	37.60	38.85	37.44	37.40	37.97	37.78	14	13.5	19.6	19.2	16.5	14.2	16.2	20.8	12.6	89	86	57	68	82	90	78.7	.....
12	37.05	37.02	37.85	36.94	37.09	37.35	37.22	14.5	14.4	21	18.9	15.6	14.6	16.5	22.3	13	82	82	56	61	76	79	72.7	.....
13	37.09	36.95	38.08	36.73	36.61	36.81	37.04	14.8	14.6	17.4	20.1	16.9	15.3	16.5	20.5	14.1	78	81	71	62	76	88	76	.....
14	36.30	36.50	37.19	35.87	35.93	36.69	36.41	14.9	14.9	20.2	16.9	16.6	15.3	16.5	23.3	14.3	90	91	66	98	96	99	90	1
15	36.06	36.52	37.60	35.99	36.35	37.27	36.63	15.4	15	17.3	17.1	17.7	16.1	16.4	22.3	14.4	99	98	90	93	91	95	94.3	11.7
16	36.80	37.32	38.80	37.31	37.50	38.60	37.72	15.2	14.5	19.7	18.7	15.6	13.4	16.2	23.8	12.3	95	92	65	89	86	90	86.2	27.9
17	37.61	37.82	39.51	37.65	37.52	38.55	38.11	12.6	12	15	15.4	13.4	12.4	13.5	17.8	11.6	90	90	77	98	97	95	91.2	10.6
18	37.89	37.67	38.45	37.07	37.01	37.90	37.65	11.8	10.8	13.7	14.9	12.4	9.7	12.2	16.6	8.8	98	97	84	88	87	92	91	.8
19	37.29	36.77	37.78	36.59	36.74	37.46	37.10	9	9.4	11.9	15.9	11.5	9.7	11.2	17.3	8.4	89	84	75	58	79	88	78.8	.....
20	36.91	37.13	38.34	37.10	36.96	37.95	37.40	9.8	10.5	16.1	14.9	13.4	11.9	12.8	18.3	9.1	88	83	67	87	93	91	84.8	.....
21	37.04	37.43	39.03	37.29	37.31	38.24	37.72	11.2	11.5	16.2	17.2	14	12.2	13.7	18.5	10.6	90	85	75	76	86	86	83	.....
22	37.58	38.01	39.25	37.54	37.50	38.31	38.03	11.6	12.4	17.9	15.6	13.9	12.5	14	20.3	10.4	85	79	68	86	93	89	83.3	.3
23	37.63	37.84	38.86	37.29	37.50	38.50	37.94	11	10.2	15.5	15.2	12.5	11.8	12.7	20	9.6	91	88	73	81	85	81	83.2	.....
24	38.10	38.40	39.41	38.23	38.50	39.23	38.64	10.5	9.9	18.9	18.4	14.4	11.4	13.9	19.6	9.1	82	79	53	62	82	80	73	.....
25	38.39	38.31	39.68	38.16	38.65	39.09	38.71	11.8	11.4	17.9	22.5	17.1	14.1	15.8	24.3	9.9	79	83	59	61	77	88	74.5	.....
26	38.34	38.38	39.30	38.25	38.48	39.02	38.63	13.9	14	22.6	19.9	18.1	15.8	17.4	23.9	12.9	88	88	55	79	86	90	81	.....
27	38.27	38.61	40.05	38.73	38.84	39.37	38.98	14	14.9	24.7	23.6	17.9	16.7	18.6	25.2	12.9	95	49	28	54	80	80	64.3	.....
28	38.74	38.57	39.20	37.75	37.95	38.77	38.50	15.5	15.9	21.2	22	17.9	15.7	18	23.8	14.4	78	47	51	70	86	92	70.7	.....
Mean	36.97	37.12	38.28	36.94	37.02	37.72	37.34	13	13	18.5	18.6	15.4	13.7	15.4	21.4	11.8	86.5	80.7	62.9	72.9	85.4	85.4	79	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	52.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	ESE	E	E	E	E	142.4	132.3	100.9	196.3	571.9	10	.....	s.-cu. wsw	10	.....	Cu.-N.
2	E	SE	E	E	E	E	251.2	208.6	131.7	223.9	815.4	10	.....	S.-Cu.	6	Ci.	Cu.-N. ENE
3	E	E	E	S	ESE	E	158.5	107.8	57.1	103	426.4	0	Ci.	S.-Cu.	9	Ci.	Cu.
4	E	E	E	W	NW	E	163.4	88.5	97.2	54.5	403.6	0	Ci.	Cu.	8	.....	Cu.-N.ESE
5	W	S	SW	W	NW	NW	28.2	55.3	112.5	84.8	280.8	3	Ci.	Cu.-N.	6	.....	Cu.
6	NW	NW	WSW	W	SW	E	55.5	75.4	149.1	54.2	334.2	0	Ci.	Cu.	4	Ci.	Cu.-N.WSW
7	Calm	E	ESE	SW	ESE	E	52.9	124.1	68.6	73.7	319.3	0	.....	Cu.-N.	7	.....	Cu.
8	E	E	S	WSW	Calm	E	115.4	65.4	100.3	61.4	342.5	6	.....	Cu.-N.	8	.....	Cu.-N.WSW
9	E	E	ESE	SW	W	E	143.5	173.6	71.4	161.1	549.6	1	Ci.	S.-Cu.	10	.....	Cu.-N.
10	E	E	E	SW	E	NW	146.6	67.4	74.3	53.1	341.4	2	Ci.	S.-Cu.	8	.....	Cu.-N. E
11	NE	E	E	E	E	E	65.7	80	71.8	106	323.5	2	.....	S.-Cu.	10	Ci.-S.	Cu.-N.
12	E	E	ESE	ESE	E	E	107.2	111.2	122.9	166.9	508.2	9	.....	Cu.-N.	9	.....	Cu.-N. ESE
13	E	E	E	E	E	E	137.4	107.8	61.7	62	368.9	7	.....	S.-Cu.	10	.....	Cu.-N. ENE
14	SE	E	E	WSW	W	W	116.9	98.5	64.2	35.2	314.8	2	Ci.	S.-Cu.	10	.....	N.
15	N	NW	WSW	NW	NE	E	51.7	62.8	51.5	77.7	243.7	5	.....	S.-Cu.	10	.....	N.
16	E	E	E	WSW	E	E	120.7	99.5	71.8	119.7	411.7	6	A.-Cu.	S.-Cu.	10	.....	N.
17	E	E	E	W	E	E	109.1	80.5	56.9	51.7	298.2	8	.....	S.-Cu.	10	.....	N.
18	E	E	ESE	W	SE	E	81.3	79.4	54.4	154.2	369.3	10	.....	N.	10	.....	N.
19	E	E	E	SE	E	E	136.6	126.8	56.8	111.2	431.4	10	.....	Cu.-N.	10	.....	Cu.-N. W
20	E	E	SSW	WSW	W	E	86.1	69.2	78.3	57.6	291.2	6	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
21	E	E	SW	SW	SE	E	70.8	38.8	75.3	93.6	278.5	7	.....	S.-Cu.	9	Ci.-S.	cu.-N. WNW
22	SE	NNW	SW	WSW	NE	E	57.3	81.6	63.6	85.5	288	6	Ci.-S.	Cu.-N.	10	.....	N.
23	SE	E	SW	WSW	E	E	124.1	88.8	94.1	88.7	395.7	0	.....	Cu.-N.	10	.....	Cu.-N.
24	E	E	WSW	WSW	E	E	107.2	79.5	106.4	91.5	384.6	0	Ci.	Cu.	7	.....	Cu.-N. NE
25	E	E	ESE	SW	SE	E	168.7	113	75.3	120.9	477.9	0	Ci.	Cu.-N.	0	Ci.	Cu.
26	E	E	ESE	WSW	SW	E	93.9	91.9	92.2	22.2	300.2	0	Ci.	Cu.	10	.....	Cu.-N.
27	E	E	ENE	SW	NW	E	108.3	68.9	128.9	43.5	349.6	0	Ci.	Cu.	0	Ci.	Cu.
28	E	NW	SW	WSW	SE	SE	54.9	72.9	124.1	78.9	330.8	0	Ci.	Cu.	2	.....	Cu. E
Mean	.....	.....	.....	.....	.....	.....	109.1	94.6	86.2	94	384	3.9	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,751.3	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	38.07	37.90	38.69	37.71	37.90	38.48	38.12	14.7	14	22.6	18.9	16.5	14.6	16.9	23.8	13.3	93	91	45	84	96	88	82.8	.....
2..	37.92	38.09	39.31	38.19	38.63	39.34	38.58	13.3	13.3	21.8	18.5	16.4	13.6	16.2	22.8	12.2	83	75	60	84	68	75	74.2	.....
3..	39.35	39.71	40.72	39.24	39.11	39.77	39.65	12.5	12.5	21.2	21.7	17	13.9	16.5	23.8	11.9	83	78	47	67	88	91	75.7	.....
4..	39.12	39.28	40.24	38.58	38.60	39.10	39.15	13.4	12.4	20.7	20.9	17.8	14.7	16.6	23.9	11.7	93	93	44	73	87	90	80	.....
5..	38.31	38.51	39.69	38.23	38.34	39.07	38.69	14	13	21.9	19.4	17.1	15.4	16.8	23.8	12.4	82	98	47	82	93	95	82.8	.....
6..	38.61	38.44	39.61	38.11	38.12	38.77	38.61	13.9	13.2	23.9	22.4	18	14.5	17.6	24.8	12.3	90	78	50	61	74	80	72.2	.....
7..	38.12	38.27	39	37.55	37.33	37.85	38.02	14.4	14.4	23	22.5	17.3	14.1	17.6	25.1	12.8	57	73	29	61	85	75	63.3	.....
8..	37.18	37.22	38.10	36.66	36.70	37.39	37.21	13.3	15.9	21.4	20.3	17.4	15.7	17.3	23.5	12	60	78	46	81	89	86	65	.....
9..	36.48	36.47	37.58	35.90	35.90	36.95	36.55	14.7	15	20.9	19	16.9	16.1	17.1	24.5	14.3	84	77	52	85	85	87	78.3	.....
10..	36.09	36.14	37.45	36.07	35.92	37.22	36.48	14.9	14.5	19	21.7	16.2	14.1	16.7	22.1	13.5	94	94	74	73	88	97	86.7	9.4
11..	36.51	36.40	37.63	36.56	36.75	37.44	36.88	14.8	14.8	22.1	19	17	14.7	17.1	22.4	13.7	80	81	60	85	88	96	81.7	.....
12..	36.62	36.61	37.68	36.36	36.45	37.38	36.85	14	13.7	18.6	17.7	16.4	14.6	15.8	22.1	12.6	93	95	77	95	90	93	90.5	1.5
13..	36.20	36.08	37.23	35.90	36.19	37.09	36.45	14.1	14.1	21.2	17.5	15	14	16	21.7	13.3	92	86	66	91	98	100	88.8	18.6
14..	36.68	36.37	37.49	36.19	35.89	36.49	36.52	13.7	13.5	17.6	18.2	15.6	14.4	15.5	21.8	12.9	95	93	83	88	93	93	90.8	5.8
15..	35.90	35.90	37.17	36.13	36.25	37.20	36.42	14	13.9	19.1	18.9	14.9	14	15.8	21.3	12.6	84	77	66	81	96	90	82.3	.....
16..	36.36	36.61	37.84	36.62	36.70	37.42	36.92	13	12.6	17	18.4	14.7	13.8	14.9	19.7	11.9	98	96	74	80	94	94	89.3	.....
17..	36.73	37.05	38.21	37.26	37.64	38.53	37.57	13	12.6	19	19.5	15.4	13.9	15.6	21.3	12	96	98	69	67	93	98	86.8	3.6
18..	37.91	38	39.33	38.26	38.28	38.94	38.45	13.4	12.7	19.3	21.8	17	15.3	16.6	22.6	12.1	94	94	77	57	78	83	80.5	.....
19..	37.89	37.95	39.22	37.99	37.65	38.35	38.18	14	12.6	19.7	20.5	16	15	16.3	23	12.3	91	98	60	75	95	97	86	.....
20..	37.46	36.96	37.93	36.89	36.97	37.47	37.28	13.8	13.9	23.5	19.4	16.4	15.3	17	23.9	13.2	100	92	30	79	94	93	81.3	.....
21..	36.56	36.35	37.47	36.18	35.91	36.81	36.55	14.1	13.5	21.9	21.5	17.6	15.7	17.4	24.9	12.9	98	98	53	76	88	92	84.2	.....
22..	36.62	36.62	38	36.59	36.55	37.37	36.96	14.7	13.9	20.6	22.9	18.5	16	17.8	24.3	12.9	92	92	71	66	87	96	84	.....
23..	36.39	36.41	37.30	35.74	35.56	36.15	36.26	14.8	13.9	22.4	23.1	18.5	15.7	18.1	24.5	13.3	96	90	42	63	73	86	75	.....
24..	35.54	35.42	36.66	35.61	35.51	36.59	35.89	14.4	14.4	22.5	24.4	17.9	16.6	18.4	25	13.5	93	88	44	55	89	92	76.8	.....
25..	36.16	36.43	37.75	36.71	36.43	37.15	36.77	15.6	15.3	23.4	22.5	18.3	17.3	18.7	25.9	14.4	93	80	48	70	87	86	77.3	.....
26..	36.68	37.10	38.30	36.90	36.78	37.89	37.28	16.2	15.6	22.4	22.3	18.9	16.3	18.6	25.2	14.4	96	96	68	72	72	84	81.3	.....
27..	37.30	37.51	38.84	37.33	37.22	38.13	37.72	16.4	15	20.9	17.7	17	15.8	17.1	23.8	14.3	73	78	66	83	89	90	79.8	14.2
28..	37.43	37.20	38.34	36.65	36.19	37.51	37.22	15.1	14.4	21.2	20.4	16.9	15.9	17.3	23.5	13.4	87	89	59	81	98	98	85.3	.....
29..	37.22	37.24	38.28	36.69	36.70	37.92	37.34	15.1	14	18.4	23	17.4	17	17.5	23.3	13.4	97	98	82	73	94	91	89.2	.....
30..	37.05	37.08	37.73	36.35	36.53	37.62	37.06	16.1	15.4	22.7	20.6	18.8	15.8	18.2	24.9	14.8	96	93	52	81	88	94	84	.....
31..	37.21	37.40	38.21	36.85	37.20	38.23	37.52	14.6	14.2	22.4	23.1	17.6	16	18	24.8	13.7	87	79	39	68	93	99	77.5	1.3
Mean	37.15	37.18	38.29	36.97	36.96	37.79	37.39	14.3	13.9	21	20.6	17	15.2	17	23.5	13	88.7	86.3	57.4	75.4	88.1	90.6	81.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	SSE	WSW	WSW	E	85.9	65.2	95.8	119.3	366.2	0	Ci.	S.	10	.....	Cu.-N.
2..	E	E	SW	WSW	E	E	92	80.5	95.8	155.8	424.1	0	Ci.	Cu.	10	.....	Cu.-N.
3..	E	E	E	W	SE	E	160.9	114.3	106.2	75.9	457.3	0	.....	Cu.-N.	7	Ci.	Cu.
4..	E	E	E	WSW	S	E	65	104	104.4	108.6	382	0	Ci.	S.-Cu.	4	Ci.-S.	Cu. ENE
5..	E	NE	ESE	WSW	W	E	107.3	65.4	98	28.4	299.1	0	Ci.	S.	10	.....	Cu.-N.
6..	NE	NE	NW	WSW	W	E	72.4	60.6	114.5	86.7	334.2	0	Ci.	S.	3	Ci.	Cu. E
7..	E	W	E	WSW	W	E	71.8	47.3	109.9	102.5	331.5	0	Ci.	Cu.-N.	1	Ci.	Cu.
8..	E	E	SW	WSW	NNW	E	107.6	105.1	87.1	103	402.8	0	Ci.	Cu.	8	.....	Cu.-N. ESE
9..	E	E	NE	W	NW	E	131.9	99.8	96.4	22	350.1	0	Ci.	Cu.-N.	10	.....	S.
10..	E	NE	WSW	WSW	NNW	E	42.4	54.1	133.3	57.6	287.4	0	Ci.	S.-Cu.	9	.....	Cu.-N. NNW
11..	E	SE	SW	WSW	SW	E	47	75	109.6	83.1	314.7	1	.....	S.-Cu.	9	.....	Cu.-N. WSW
12..	E	NE	SW	WSW	E	E	60.7	57.3	90.9	108.3	317.2	0	Ci.	S.-Cu.	10	.....	N.
13..	E	E	SW	W	E	E	71.8	65.8	83.5	89.5	310.6	1	.....	S.-Cu.	10	.....	N.
14..	NE	N	W	WSW	NW	NW	68.9	60.6	117	100.3	346.8	8	.....	Cu.-N.	8	Ci.-Cu.	Cu.-N. SSW
15..	N	NW	SW	W	SW	E	81.3	77.7	112.9	39.1	311	0	Ci.	Cu.	10	.....	Cu.-N.
16..	SE	SE	WSW	W	W	SE	48.1	78.1	106	74.5	306.7	0	Ci.	Cu.-N.	8	.....	Cu.-N. SSW
17..	SE	E	SW	WSW	E	E	75.4	68.1	118.6	70.2	332.3	3	.....	Cu.-N.	4	.....	Cu.-N. SSE
18..	E	E	W	WSW	W	Calm	93.9	88.7	153.7	27.9	364.2	0	Ci.	Cu.	8	.....	Cu. SW
19..	E	E	SW	WSW	SW	E	37.8	68.7	121	46.9	274.4	0	.....	S.	9	.....	Cu.-N. W
20..	NE	E	ESE	WSW	WSW	E	45.1	67.1	135.2	44.6	291.9	0	.....	S.	9	.....	Cu.-N. ENE
21..	SE	SE	ESE	WSW	W	Calm	43	77.2	113.7	27.4	261.3	1	A.-Cu.	Cu.-N.	5	.....	Cu.-N. SW
22..	E	N	SW	SW	W	E	51.2	66.2	126	62.6	306	0	.....	S.	4	.....	Cu. WNW
23..	SE	E	SE	WSW	SSE	E	125.2	85.6	153.5	91.2	455.5	0	.....	Cu.-N.	2	.....	Cu.
24..	E	E	SW	WSW	W	E	84	81.6	170.6	51.8	388	0	.....	Cu.	4	.....	Cu. W
25..	E	SSE	WSW	SW	W	E	70.2	80.8	154.3	40.8	346.1	0	.....	S.	9	.....	Cu.-N.
26..	E	E	SW	WSW	E	E	49.4	75.6	123.9	86.6	335.5	0	Ci.	Cu.	6	.....	Cu.-N. SSW
27..	E	E	WSW	W	NNW	E	113.2	64.6	89.9	79.5	347.2	0	Ci.	Cu.	10	.....	Cu.-N.
28..	S	E	ESE	WSW	NE	SE	100.3	101.4	100.4	37.8	339.9	0	Ci.	Cu.	9	.....	Cu.-N. SSE
29..	N	NE	WSW	WSW	W	W	40.5	58.1	104.3	30.4	233.3	0	Ci.	Cu.-N.	10	A.-Cu.	Cu.-N. SWbyS
30..	NW	E	E	WSW	SW	E	34	66	86.6	112	298.6	2	Ci.-S.	Cu.	9	.....	Cu.-N. S
31..	SE	E	ESE	WSW	SW	NE	126.8	113.2	116.9	56.1	413	0	.....	S.-Cu.	4	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	77.6	76.6	113.9	71.6	339.6	0.5	.....	.....	7.2	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,528.9	.....	.....	.....	.....	.....	.....

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	37.36	37.44	38.17	36.59	36.77	37.49	37.30	15	14.7	23.4	20.1	17.1	15.6	17.6	24.1	14.1	96	90	52	82	90	91	83.5	4.8
2	36.70	36.86	37.64	36.23	36.36	36.74	36.76	14.9	14.4	18.9	18.6	17.8	15.8	16.7	23.5	14	91	97	84	91	87	95	90.8	9.7
3	36.03	36.31	36.95	36.04	35.89	36.69	36.32	14.9	14.4	18.5	19.4	16.4	15.3	16.5	21.7	13.8	94	93	88	86	87	95	90.5	3.3
4	35.88	36.47	37.43	36.28	36.44	37.11	36.60	14.8	14.4	20.4	20.6	17.2	15.7	17.2	22.8	13.7	94	94	81	83	96	96	90.7	.....
5	36.45	36.31	37.63	36.49	36.24	37.06	36.70	14.5	13.9	20.9	22	17.1	16.2	17.4	23.5	13.4	98	95	69	72	92	95	86.8	.....
6	36.07	36.09	36.69	35.29	35.36	36.40	35.98	14.9	14.4	20.5	21.5	17.5	16.3	17.5	23.5	13.4	98	93	74	74	89	90	86.3	.....
7	35.85	35.89	36.72	35	34	36.39	35.77	14.5	14.7	18.7	22.9	18.3	17.1	17.7	24.6	13.8	98	92	76	70	89	92	86.2	.....
8	35.89	35.60	36.68	35.62	35.63	36.68	36.02	16.1	15.6	19.9	20.9	18.1	17.1	18	23.8	14.9	97	97	83	82	96	95	91.7	.....
9	36.24	36.19	37.34	36.08	35.76	37.21	36.47	16.5	15.9	19.7	21.6	18.9	17.4	18.3	24.4	15.1	98	96	83	81	88	93	89.8	.....
10	36.56	36.81	37.65	36.14	35.93	37.49	36.76	16.9	16.1	20.1	20.5	18.4	17.9	18.3	22.1	15.7	95	97	84	77	95	92	90	.....
11	36.66	36.52	37.43	35.74	35.66	36.98	36.50	16.5	15.7	22.3	23.6	18.9	17.5	19.1	25.1	14.9	97	92	73	69	90	88	84.8	.....
12	35.81	35.33	36.41	34.88	34.64	35.43	35.42	16.3	15.4	20.4	21.6	17.9	16.7	18	23.3	14.9	88	90	75	77	96	97	87.2	.....
13	34.53	34.16	35.22	34.17	34.13	35.32	34.59	16	16.1	21.9	22.3	18.1	17.2	18.6	24.5	15.2	95	81	75	76	97	96	86.7	.....
14	34.50	34.99	35.94	34.66	34.75	36.01	35.14	16.1	15.5	19.8	21	17.9	16.8	17.8	23.2	14.4	97	92	82	82	97	100	91.7	.....
15	35.14	35.57	36.43	35.17	35.14	35.99	35.57	15.9	15.4	20.1	22.4	18.2	16.9	18.2	24	14.9	98	98	81	73	92	94	89.3	.....
16	35.43	36.09	37.18	35.89	35.78	36.76	36.19	16	15.6	18.7	21.9	17.9	16.9	17.8	23.8	15.2	98	99	85	73	94	92	90.2	.....
17	36.24	36.72	37.75	36.43	36.57	37.57	36.88	15.4	15.1	19.9	22.8	18.4	17.1	18.1	24	14	98	97	81	73	94	95	89.7	.....
18	36.98	37.48	38.63	37.38	37.79	38.73	37.83	16	15.1	21.5	21.1	18.1	16.3	18	23.4	14.4	97	97	76	76	93	96	89.2	.....
19	38.06	38.10	39.15	37.78	38.12	38.88	38.35	15.2	14.4	23.8	22.6	18.6	17.3	18.6	24.4	13.5	96	89	37	72	91	90	79.2	.....
20	37.93	38.10	39.16	37.69	37.78	38.50	38.19	15.6	14.9	21.1	22.5	18.4	16.9	18.2	23.8	13.8	97	96	78	69	84	88	85.3	.....
21	37.43	37.35	38.37	37.66	37.44	37.86	37.68	15	14.6	22.4	23.4	18.4	17.3	18.5	24.7	13.9	94	96	67	64	89	87	82.8	.....
22	36.59	36.71	38.07	36.64	37	37.72	37.12	16.2	15.5	22.6	19.6	16.2	16.8	17.8	24.6	14.2	86	82	69	92	89	87	84.2	17
23	36.73	36.95	38.49	37.40	37.50	38.87	37.66	16.3	16.5	25.3	22.4	19.4	17.9	19.6	25.3	15.4	88	81	51	82	91	87	80	.8
24	38.33	38.19	39.23	37.95	38.08	39.30	38.51	16.5	16.4	24.2	24	19	17.2	19.6	26.2	15.1	91	81	43	70	88	98	78.5	.....
25	38.50	38.56	39.20	37.95	37.86	38.54	38.44	17.1	16.9	17.3	21.6	16.9	16.9	17.8	25.8	15.9	89	87	94	80	89	89	88	1.5
26	37.50	37.08	38.15	36.63	36.68	37.46	37.25	16.3	16.7	19.4	17.9	17.9	16.8	17.5	24.6	15.6	90	85	87	91	82	87	87	31.2
27	36.43	36.30	36.83	35.61	35.98	36.95	36.35	16.3	16.3	23.7	21.3	17.6	16.4	18.6	24.3	15.1	92	91	54	82	86	85	81.7	35.3
28	35.81	36.18	36.73	35.75	36.23	37.15	36.31	15.6	15.6	19.4	20.3	16.5	16.9	17.4	24.5	14.4	92	93	83	88	93	94	90.5	16
29	36.87	36.79	37.68	36.88	36.74	37.52	37.08	16.2	15.7	19.7	22.1	18.3	17.6	18.3	24.6	15	97	98	89	82	96	92	92.3	.....
30	37.01	37.09	38.07	36.94	37.03	37.77	37.32	16.3	15.7	23.3	24.3	19.5	17.1	19.4	25.8	14.4	82	81	44	64	82	92	74.2	.....
Mean	36.52	36.61	37.57	36.30	36.34	37.29	36.77	15.8	15.4	20.9	21.6	18	16.8	18.1	24.1	14.5	94	91.7	73.3	77.8	90.7	92.3	86.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	E	WSW	NE	E	89.6	88.8	117	77.2	372.6	0	.....	Cu.	10	.....	Cu.-N. E
2	E	E	SW	W	W	E	61.8	60.4	84.7	70.3	277.2	0	Ci.	Cu.	10	.....	Cu.-N.
3	E	E	SW	WSW	E	E	114.6	88.5	106.2	117.5	426.8	0	Ci.	Cu.	10	.....	Cu.-N.
4	E	E	WSW	W	W	E	122.9	80.2	114.5	58.4	376	0	.....	Cu.-N.	10	.....	Cu.-N.
5	E	E	SW	W	W	SE	80.3	76.9	122.8	48.3	328.3	0	Ci.	Cu.	10	.....	Cu.-N. W
6	E	NE	SW	WSW	SW	SE	70.6	68.4	135.4	46.9	321.3	0	.....	Cu.	9	.....	Cu.-N. WSW
7	E	E	SW	W	SW	S	48.8	78.1	130.9	25.1	282.9	0	.....	Cu.	5	.....	Cu.-N. WNW
8	N	ESE	SW	W	WSW	E	24.6	69.2	109.7	33.2	236.7	1	.....	Cu.-N.	10	.....	S.
9	SW	SW	W	WSW	W	NE	21.5	50.7	110.2	36.2	218.6	6	.....	Cu.-N.	10	.....	Cu.-N. WNW
10	E	SE	WSW	WSW	W	SE	22	62	99.8	48.3	232.1	0	.....	Cu.	10	.....	Cu.-N.
11	W	S	WSW	WSW	WSW	SE	40.7	65.5	124.2	46.7	277.1	0	Ci.	Cu.	8	.....	Cu.-N. WNW
12	W	E	WSW	WSW	W	SW	61.2	75.4	108.8	41.2	286.6	5	Ci.-S.	Cu.-N.	10	.....	Cu.-N. ENE
13	N	W	SW	W	W	SW	65.7	83.7	114	40.7	304.1	2	Ci.-S.	Cu.	9	.....	Cu.-N. WNW
14	W	W	WSW	WSW	WNW	N	22.8	80.5	99.6	43	245.9	0	Ci.	S.-Cu.	10	.....	Cu.-N.
15	N	SW	SW	WSW	WSW	SE	42.4	68.4	108.4	52.9	272.1	0	Ci.	S.-Cu.	9	.....	Cu.-N. W
16	S	S	SW	W	W	SE	46.4	57.3	111.2	31.7	246.6	10	.....	Cu.-N.	9	.....	Cu.-N. NNW
17	E	E	SW	WSW	SW	E	36.2	67.6	104.6	32	240.4	10	.....	Cu.-N.	10	.....	Cu.-N. WNW
18	E	E	SW	SW	W	E	24.3	77.9	126.5	47.5	276.2	9	Ci.	Cu.-N.	10	.....	Cu.-N.
19	E	E	SW	WSW	NW	E	110.7	85.9	106.4	46.4	349.4	0	Ci.	Cu.	10	.....	Cu.-N. E
20	E	E	SW	WSW	N	SE	23.8	62	126.1	53.9	265.8	0	Ci.	S.	9	.....	Cu.-N.
21	E	NNE	SW	WSW	W	SE	78.3	91.4	143.2	43.1	356	0	.....	Cu.	6	.....	Cu.-N. E
22	E	E	SW	W	E	S	92	93.9	108.4	96.9	391.2	0	Ci.	S.	10	.....	N.
23	E	E	ENE	WSW	E	SE	81.9	72.2	111.2	62.6	327.9	2	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
24	E	E	ESE	WSW	WSW	E	72.4	38.8	113	62.2	286.4	0	Ci.	S.	7	Ci.	Cu.
25	SE	E	SSE	WNW	E	E	94.8	95.5	89.8	91.7	371.8	8	.....	S.-Cu.	10	.....	Cu.-N. ESE
26	NE	SE	SW	SW	E	SE	36.4	61.4	98.7	63.4	259.9	0	Ci.-S.	Cu.	10	.....	N.
27	NE	E	SE	WSW	NNE	SE	46.2	92.5	.....	.....	.....	6	A.-Cu.	S.-Cu.	10	.....	Cu.-N. E
28	NE	Calm	SW	W	NE	E	.....	.....	.....	.....	.....	0	A.-Cu.	Cu.	10	.....	Cu -N.
29	NE	NE	WSW	WSW	SW	E	.....	.....	.....	.....	.....	4	A.-Cu.	S.-Cu.	9	.....	Cu.-N. E
30	E	E	ESE	W	W	NE	.....	.....	.....	.....	.....	0	.....	Cu.	6	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	60.5	73.8	112.5	54.5	301.2	2.1	.....	.....	9.2	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	37.11	37.05	37.84	36.66	36.52	37.60	37.13	16.5	16.2	22.3	24.5	19.9	18	19.6	25.7	15.1	94	96	58	70	80	81	79.8	.....
2..	36.58	36.56	37.19	35.92	35.93	36.56	36.46	16.4	17	23.7	23	18.9	17.1	19.4	25.3	15.4	83	76	66	73	89	96	80.5	14.5
3..	36.22	36.34	37.47	36.41	36.60	37.48	36.75	16.1	15.4	22.4	23.9	19.3	17.2	19	25.2	14.8	92	90	54	71	90	94	81.8	.....
4..	36.54	37.02	38.04	36.77	37.15	38.22	37.29	16.3	16.2	22.9	23.3	16.9	16.5	18.7	24.6	14.9	93	92	68	74	95	88	85	10.4
5..	37.28	37.25	37.84	36.88	37.09	37.72	37.34	16.4	16	20.9	21.9	19	17.4	18.6	24.2	15.4	88	93	72	80	93	79	84.2	.....
6..	36.35	36.53	37.75	36.09	36.13	37.25	36.68	15.7	16.1	23.5	24	18.9	17.7	19.3	25.1	15.1	85	69	50	62	82	84	72	.....
7..	36.37	36.29	37.19	35.55	35.54	36.37	36.22	16.3	16.1	21.9	23.3	18.9	17.7	19	25	14.9	92	87	72	73	89	88	83.5	.....
8..	35.19	35.16	36.09	34.80	34.67	35.62	35.26	16.7	16.5	20.8	21.8	18.2	17.2	18.5	24.7	15.8	95	94	78	80	95	98	90	2.3
9..	35.07	34.82	35.74	34.97	35.33	36.78	35.45	17	17	21.6	22.9	17.1	16.3	18.6	25.1	15.3	98	98	73	68	98	94	88.2	94
10..	35.32	35.61	37.06	35.98	36.43	37.45	36.31	15.7	16.9	21.7	20.9	18.9	17.3	18.6	23.8	15.1	91	84	74	88	90	99	87.7	.....
11..	36.41	36.73	37.66	36.75	36.75	37.48	36.96	16.8	17.1	20.9	18.9	18.2	17.9	18.3	22.8	16.1	97	92	82	99	97	94	93.5	3.4
12..	36.42	36.70	37.80	36.88	36.64	37.03	36.91	17.1	16.5	24.2	24.1	19	17.7	19.8	25.2	15.2	95	94	38	73	92	94	81	.5
13..	36.41	36.55	37.60	36.71	36.65	37.31	36.87	16.9	16.6	21	20.9	20.1	18.2	19	24	15.7	94	95	80	90	84	79	87	.....
14..	37.26	37.37	38.27	37.34	36.98	38.14	37.56	17.7	17.6	23.8	19.7	19.1	17.8	19.3	26.1	16.7	78	73	52	94	92	97	81	1
15..	37.65	37.91	38.39	36.70	36.79	37.65	37.52	17.5	16.9	23.5	19.2	17.6	17.6	18.7	24.1	16.4	99	99	73	89	98	99	92.8	13.2
16..	36.80	36.95	37.31	35.78	35.72	36.47	36.50	17	16.5	24	22.5	19.1	17.8	19.5	24.6	16.2	97	98	58	80	98	97	88	.....
17..	35.63	35.54	36.29	35.60	35.59	36.79	35.91	17	17.1	22	21.4	18.4	17.3	18.9	23.9	16	92	82	77	85	90	89	85.8	.....
18..	35.60	35.80	36.72	35.94	36.14	37.31	36.25	17.2	16.9	22.9	23.6	18.9	17.6	19.5	25.4	14.9	89	86	70	83	93	95	86	2.8
19..	36.47	36.64	36.88	36.04	36.19	37.44	36.61	17	17.4	24.2	21.1	18.2	17.6	19.2	25.8	15.5	96	93	66	92	94	91	88.7	4
20..	36.60	36.45	37.15	36.10	36	36.62	36.49	16.9	17.1	22.6	24	18	17.3	19.3	25.3	16.2	93	89	75	75	98	92	87	.....
21..	35.62	35.84	36.56	35.58	35.78	36.93	36.05	16.9	16	23.5	23.4	17.4	16.8	19	25.4	15.4	97	98	47	76	89	93	83.3	.8
22..	36.35	35.90	37.25	36.20	35.99	36.74	36.40	16.3	16.3	21.9	21.1	18.3	17.1	18.5	23.8	15.4	96	96	73	83	95	94	89.5	.....
23..	36.20	36.35	37.02	35.66	35.33	36.17	36.12	16.8	16.1	22.2	21.8	18.4	17	18.7	24.2	15	95	99	79	83	91	90	89.5	.....
24..	35.62	35.61	36.25	35.23	34.81	35.83	35.56	16.7	17	20.1	20.9	18.4	17	18.4	23.9	16.1	80	73	78	85	94	99	84.8	.....
25..	34.74	35.26	36.60	35.04	34.88	36.20	35.45	16.2	16.2	20.5	22.4	18.8	15.8	18.3	25.2	14.7	97	94	74	75	94	100	89	.....
26..	35.41	35.73	36.55	36.29	36.01	36.63	36.10	14.9	16.1	22.3	25.1	19.2	17.6	19.2	25.7	13.9	92	85	54	60	92	94	79.5	.....
27..	35.92	36.44	37.21	36.35	36.30	37.24	36.58	16.9	16.9	22.2	23.7	18.3	17.7	19.3	25.8	16.1	99	94	79	68	99	99	89.7	9.2
28..	36.40	36.74	37.47	36.30	36.02	36.79	36.62	16.8	16.7	22.5	22.1	19	18.1	19.2	25.6	16	100	99	81	84	91	91	91	.....
29..	36.25	36.11	37.29	36.09	36.90	37.39	36.67	17.3	17	22.1	19.9	16.9	17.3	18.4	25.6	15.9	97	99	81	98	94	94	93.8	52.1
30..	37.36	37.10	37.76	36.79	36.94	37.66	37.27	17	17.7	21	20.9	17.6	17.1	18.6	23.8	16	93	77	83	87	93	90	87.2	.....
31..	36.87	37.19	37.70	36.89	36.42	37.77	37.14	17.3	17.1	21	21.4	18.1	16.7	18.6	24.6	15.9	88	89	84	90	93	97	90.2	2
Mean	36.26	36.37	37.22	36.14	36.14	37.05	36.53	16.7	16.7	22.3	22.2	18.5	17.3	18.9	24.8	15.5	92.7	89.8	69.3	80.3	92.3	92.5	86.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	210.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NNE	N	WSW	N	SE	70.2	47.7	124.5	47.8	290.2	0	Ci.	Cu.	7	.....	Cu.-N. ESE
2..	E	E	WSW	SW	N	SE	83.9	62.8	107.5	75.1	329.3	0	Ci.	Cu.	9	.....	Cu.-N.
3..	SE	E	SE	WSW	SW	SE	118.5	83.1	123.9	64.7	390.2	0	Ci.	Cu.	5	.....	Cu.-N. E
4..	E	NE	SW	SW	NNE	W	70.5	72.9	126.5	57.6	327.5	0	Ci. SW	Cu.-N.	9	.....	Cu.-N. WSW
5..	SW	E	ENE	SW	NE	E	70.2	83.1	85.8	90.9	330	0	Ci.	S.-Cu.	9	.....	Cu.-N. ESE
6..	E	E	ESE	WSW	W	SE	135.4	105.7	137	46.9	425	0	Ci.	Cu.	7	.....	Cu.-N. SSW
7..	E	E	SW	WSW	NNE	E	45.9	76.9	113.2	56.6	292.6	0	Ci.	Cu.	10	.....	Cu.-N. WNW
8..	SE	E	WSW	SW	W	NE	63.9	88.8	113.8	51.5	318	0	Ci.	Cu.-N.	10	.....	N. W
9..	Calm	E	SW	W	W	N	21.1	48	122.1	82.4	273.6	8	.....	Cu.-N.	7	.....	Cu.-N. SSW
10..	N	E	SW	W	WSW	SE	67.4	74.5	108.6	44	294.5	0	ci.-s. WSW	Cu.-N.	10	Ci.-S.	Cu.-N.
11..	SE	E	SW	NW	E	E	84	74.6	66	74.8	299.4	0	ci.-s. WSW	Cu.	10	.....	S.
12..	E	NE	NNE	SW	N	E	85.3	69	122.9	45.3	322.5	0	Ci. WSW	Cu.-N.	7	.....	Cu.-N. ENE
13..	N	NE	SW	SW	SE	SE	77.4	75.9	80.8	104.6	338.7	0	ci.-s. WSW	Cu.	10	.....	Cu.-N.
14..	E	E	ESE	W	WSW	SE	104.9	146.4	72.6	32.5	356.4	7	A.-Cu.	S.-Cu. SE	10	.....	N.
15..	E	E	SW	WSW	NE	S	39.6	86.7	89.3	26.6	242.2	2	Ci.	Cu.-N. SE	10	.....	N.
16..	SE	E	SW	W	W	SE	42	54.4	81.1	55.2	232.7	1	Ci.	Cu.-N.	10	.....	Cu.-N. ENE
17..	SE	E	SW	W	NW	N	113.5	70.6	111.2	51.7	347	0	Ci.	Cu.	10	.....	Cu.-N. ESE
18..	S	E	SW	WSW	NNW	NE	74.2	88.7	101.2	35.1	299.2	0	Ci.	Cu.	10	.....	Cu.-N.
19..	W	E	WSW	W	NW	NW	43.7	60.7	88.5	63.4	256.3	0	Ci.	Cu.	10	.....	N.
20..	E	E	WSW	W	WNW	NE	78.6	58.1	102.5	60	299.2	0	Ci.	Cu.	9	.....	Cu.-N.
21..	E	E	E	W	W	W	76.2	91.1	119.6	33.2	320.1	0	Ci.	Cu.	9	.....	Cu.-N. SE
22..	SW	NW	WSW	W	NW	NE	21.5	67.6	125.5	54.7	269.3	0	Ci.	Cu.-N.	9	.....	Cu.-N. NW
23..	W	SW	WSW	WNW	NNW	N	26.2	71.4	125.3	94.6	317.5	0	Ci.	Cu.	10	.....	Cu.-N.
24..	N	N	W	W	NW	N	78.4	94.6	121.8	58.2	353	7	Ci.-S.	S.-Cu. E	10	.....	Cu.-N.
25..	NE	W	SW	WSW	WSW	W	44.6	86.9	129.2	68.7	329.4	0	Ci.	Cu.	10	.....	Cu.-N. SW
26..	N	NW	SW	W	W	E	55.3	90.4	135.2	46.2	327.1	0	Ci.	Cu.	6	Ci.-S.	Cu.-N. W
27..	E	NE	SW	W	W	W	51.5	78.7	173.2	81.5	384.9	0	Ci.	Cu.	10	.....	Cu.-N. E
28..	SE	Calm	WSW	W	NE	Calm	34.4	70.8	106.7	31.6	243.5	0	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.
29..	NW	E	SW	SW	SW	W	62.8	69.8	116.1	58.9	307.6	0	Ci.	Cu.-N.	10	.....	N.
30..	E	SE	SW	SW	N	NE	98.7	69	120.9	68.7	357.3	1	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
31..	W	E	W	W	NE	E	91.1	114.5	108.3	64.1	378	0	Ci.	Cu.	10	.....	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	68.7	78.5	111.6	58.9	317.8	0.8	.....	.....	9.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,852.2	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	37.53	37.68	38.32	37.09	36.97	38.14	37.62	17	16.6	24.1	21.6	18.9	17.8	19.3	26.3	14.7	89	91	51	82	94	96	83.8	.....
2	37.48	37.34	37.59	36.48	36.64	37.04	37.10	17	17	22.6	17.8	17.5	17.2	18.2	26.5	15.8	98	93	70	86	93	92	88.7	.....
3	36.74	36.74	36.98	35.93	35.78	36.95	36.52	16.3	17.1	21	21.5	18	17.7	18.6	24.5	15.9	97	89	76	85	94	90	88.5	2.1
4	36.27	36.29	36.44	35.44	35.50	36.62	36.09	17	16.9	24.1	20.2	18.4	17.1	19	25.2	15.8	93	89	53	90	94	92	85.2	8.2
5	35.72	35.74	35.55	34.66	34.87	35.50	35.34	16.1	16.1	23.4	19.9	17.3	16.7	18.2	24.9	15.2	90	87	58	95	95	96	86.8	1.1
6	34.55	34.30	34.66	33.49	33.69	34.91	34.27	15.9	16.7	23.9	20.5	17.3	17.2	18.6	24.8	15	100	93	53	89	98	100	88.8	37.1
7	34.22	34.29	34.93	34.54	34.46	35.68	34.69	16.8	16.2	19.9	21.5	19.3	17.8	18.6	23.3	15.6	97	97	80	78	87	89	88	.....
8	35.41	36.03	36.79	36.13	36.15	37.27	36.30	16.7	16.5	20	20.9	17.3	16.5	18	23.6	15.5	93	92	71	75	97	97	87.5	1.3
9	36.58	36.70	37.38	36.38	36.81	37.12	36.83	15.8	16.4	21.9	23	19.2	17.4	19	24.7	15	97	83	62	73	86	97	83	1.5
10	36.64	36.45	36.90	35.89	35.34	36.25	36.24	16.3	16	20.5	21.9	18.3	17.6	18.4	23.4	15.4	97	98	77	85	98	97	92	5.1
11	35.26	34.97	35.59	34.23	34.60	35.50	35.02	17.2	16.9	20.6	18.2	17.4	16.2	17.8	23.4	15.3	97	97	78	97	98	97	94	8.2
12	34.71	35.02	35.90	35.19	35.27	36.48	35.43	15.9	15.9	20.8	21.9	17.5	16.6	18.1	23.4	15.2	98	99	80	66	96	97	89.3	3.3
13	35.95	36.26	37	36.37	36.94	37.66	36.70	16.1	16.2	21.3	23	17.9	16.9	18.6	24.3	15.5	97	98	71	60	95	97	86.3	20.9
14	36.88	37.10	37.51	36.46	37.07	37.84	37.14	16.7	16.9	23.1	23.9	17.9	17.4	19.3	25.3	15.9	93	88	67	57	95	95	82.5	.3
15	37.18	36.96	37.42	36.52	36.81	37.82	37.12	17	17.4	22.4	23.9	16.9	17.3	19.2	24.8	15.3	95	89	63	75	91	87	83.3	10.7
16	37.63	37.64	37.77	36.69	36.65	37.65	37.34	17	17.5	23	23.4	19.4	17.4	19.6	26.2	16	92	88	61	82	88	97	84.7	.8
17	37.53	37.64	37.49	36.30	37.20	37.64	37.30	16.9	16.9	22.9	20.3	16.9	15.7	18.3	26.1	14.7	97	98	71	94	89	85	89	33.1
18	36.99	36.58	37.15	36.57	36.79	37.55	36.94	16.8	17.7	23.2	21.9	17.5	17.5	19.1	24.6	15.4	82	76	58	92	83	88	79.8	47.2
19	36.83	37.40	37.94	37.17	37.09	37.97	37.40	16.4	16.4	22.4	22.4	18.4	17.4	18.9	25.3	14.2	87	83	60	83	96	90	83.2	2.3
20	37.35	37.33	38.04	36.95	36.98	37.88	37.42	16.9	16.5	22.4	22.7	18.8	17.5	19.1	25.3	15.4	88	83	61	80	92	98	83.7	7.2
21	36.89	36.90	37.53	36.39	36.09	37.12	36.82	16.9	16.9	22.4	21.4	18.5	17.3	18.9	24.6	15.6	95	94	59	85	86	89	84.7	.....
22	36.34	36.08	36.85	35.62	35.84	36.63	36.23	16.6	16.5	22.8	22.3	17	17.7	18.8	25.4	15.4	95	93	66	82	93	86	85.8	13.7
23	36.05	35.74	36.49	35.57	35.70	36.62	36.03	17.2	16.8	22	19.5	17	16.3	18.1	23.8	15.9	91	91	70	98	98	92	90	8.8
24	36.34	35.76	35.84	35.17	34.87	35.86	35.64	15.9	17.1	20.9	21.5	17.8	17.3	18.4	23.2	15.2	96	84	81	87	95	94	89.5	5.8
25	35.54	35.18	35.54	34.60	34.50	35.41	35.13	17.2	16.9	20.5	22.6	19.1	17.6	19	23.8	15.4	94	96	87	82	96	98	92.2	3
26	34.42	33.83	34.78	34.10	33.69	34.46	34.21	17.1	16.9	19.7	21.2	17.9	17.9	18.4	23.3	15.6	95	92	90	90	91	91	91.5	5
27	33.44	32.61	33.12	32.26	31.09	31.24	32.29	17.2	17.1	19.7	18.7	18	17.8	18.1	22.1	16.4	94	98	91	98	99	91	95.2	.8
28	29.53	28.69	28.87	27	25.92	25.84	27.64	17.3	18	21.6	20.4	18.2	17.9	18.9	22.9	16.7	92	87	81	87	98	99	90.7	9
29	24.40	23.68	23.10	23.12	25.13	27.75	24.53	17.2	17.4	17.9	16.5	16	15	16.7	18.3	13.5	100	99	99	100	99	100	99.5	496.6
30	27.74	29.62	31.87	32.16	32.83	33.97	31.36	14.1	15.7	17.5	19.2	17.4	16.9	16.8	20.3	12.4	100	99	86	75	91	95	91	1.3
Mean	35.27	35.22	35.71	34.82	34.91	35.81	35.29	16.6	16.8	21.6	21.1	17.9	17.2	18.5	24.1	15.3	94.3	91.5	71	83.6	93.5	93.7	87.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	734.4

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	SE	E	E	WSW	W	S	51.7	63.6	116.4	31.1	262.8	0	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.
2	W	NE	WNW	WSW	NE	SW	62.3	81.3	104.6	38.8	287	0	Ci.	Cu.	10	.....	Cu.-N. NW
3	N	E	SW	SW	N	SW	36	73.4	107	43	259.4	0	Ci.	Cu.-N.	10	.....	Cu.-N.
4	E	SE	ESE	WSW	NE	E	72.9	79.5	91.5	47.2	291.1	0	Ci.	Cu.	10	.....	Cu.-N.
5	NE	NNE	E	W	W	NW	65.7	75.4	104	39.1	284.2	9	Ci.-S.	S.-Cu.	10	.....	N.
6	NE	NE	E	W	N	E	37.3	63.6	88.2	68.6	257.7	0	Ci.-S.	S.-Cu.	10	.....	Cu.-N.
7	E	E	E	SE	SE	E	117.3	190.9	122.6	182.8	613.6	2	Ci. NNW	Cu.-N.	7	.....	Cu.-N. SE
8	E	ESE	NW	E	SE	SE	210.8	173.6	93.6	153.9	631.9	1	Ci.	Cu.-N. SE	9	Ci.-S.	N.
9	E	E	E	SW	SE	E	133.9	90.3	63.3	131.9	419.4	4	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N. SE
10	E	ESE	S	WSW	W	SE	131.7	67.6	88.7	52.3	340.3	8	A.-Cu.	Cu.-N.	10	.....	Cu.-N. SE
11	SE	ESE	E	W	W	E	89	57.7	69.4	55.7	271.8	9	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
12	E	E	ESE	SW	SE	E	100.9	71.4	75.3	105.2	352.8	10	.....	S.	7	Ci.	Cu.-N. SSW
13	SE	SE	ESE	SW	SE	E	126	120.4	61	128.9	436.3	6	Ci.	cu.-N. SSE	4	.....	cu.-N. SWbyS
14	E	SE	S	SE	E	E	141.6	92	68.9	75.1	377.6	2	A.-Cu.	Cu.-N.	2	Ci.-S.	Cu. SE
15	E	SE	SE	SW	E	E	96.9	96.6	92.2	37.5	323.2	0	Ci.	Cu.-N.	8	.....	Cu.-N. S
16	SE	E	ESE	SW	E	NE	46.5	78.7	81.6	50.2	257	0	Ci.	Cu.	10	.....	Cu.-N. ESE
17	NW	NE	E	W	NW	E	39.7	85.9	86.3	100.4	312.3	7	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
18	E	E	ESE	W	S	SE	66.2	91.2	88.8	115.1	361.3	0	Ci.-S.	Cu.	10	.....	Cu.-N.
19	E	E	E	W	NE	E	113	88.5	96.1	88.7	386.3	0	ci. NWbyW	Cu.	8	.....	Cu.-N.
20	SE	E	E	SW	E	NE	71.6	129.5	61.5	40.7	303.3	0	Ci.	Cu.	7	.....	Cu.-N. ESE
21	E	E	E	SW	N	SE	39.7	51.5	95.3	47	233.5	0	Ci. ENE	Cu.	9	.....	Cu.-N.
22	SW	E	E	W	NE	SE	27.9	75.6	101.2	52.6	257.3	0	Ci.	Cu.	9	.....	Cu.-N. E
23	SE	E	E	W	NE	SE	64.4	97.9	91.9	[a]67.4	321.6	0	Ci.	Cu.	10	.....	Cu.-N.
24	.....	SE	SW	SW	N	E	.....	71.4	90.6	42	[b]204	9	A.-Cu.	Cu.-N.	10	.....	Cu.-N. ESE
25	W	E	W	SW	NW	NE	36	63.1	82.3	33.3	214.7	0	Ci.	Cu.-N.	9	.....	Cu.-N. ESE
26	SE	E	SW	WNW	NW	SE	60	46.5	101.6	36.7	244.8	0	Ci.	Cu.	10	.....	Cu.-N. ESE
27	NW	NNW	SW	W	NW	N	61.4	56.1	87.7	61.8	267	8	ci.-s. EbyN	Cu.-N.	10	.....	N.
28	N	N	WSW	NW	NW	NW	92	60.9	115.9	100.4	369.2	6	Ci.-S. ESE	Cu.-N.	10	.....	N. NNW
29	NW	NW	W	W	WSW	SW	147.8	396	664.7	540.8	1,749.3	10	.....	N.	10	.....	N.
30	SW	SW	SW	SW	S	SE	396	267.2	74.5	64.1	801.8	10	.....	Cu.-N.	10	.....	Cu.-N. SSW
Mean	.....	.....	.....	.....	.....	.....	94.4	101.9	108.9	87.7	389.8	3.4	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]11,692.5	.....	.....	.....	.....	.....	.....

[a] 1 hour missing. [b] 6 hours missing. [c] 7 hours missing.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	33.74	34.03	35.17	35.24	35.32	36.90	35.07	16.8	16.6	18.3	18.5	17.5	17.1	17.5	20.4	16.1	96	97	97	98	98	99	97.5	0.9
2..	35.88	36.16	36.66	36.17	36.08	37.78	36.46	16.4	16.5	22	22.9	18.7	17.1	18.9	24.1	15.6	100	98	76	74	89	96	88.8	10.7
3..	36.99	36.39	36.45	35.78	35.66	36.86	36.36	16.8	16.5	20.4	20.4	17.2	16.9	18	23.8	15.8	98	99	88	88	96	93	93.7	21.6
4..	35.64	35	35.42	34.50	34.09	34.82	34.91	16.2	15.6	18.9	19.2	17	16.5	17.2	23.1	14.8	96	96	90	95	99	84	93.3	13.5
5..	33.83	33.13	33.79	33.05	32.58	33.37	33.29	16.3	16.1	20.6	19.6	17.2	16.8	17.8	21	15.4	90	98	88	90	96	97	93.2	14.8
6..	32.71	32.32	32.88	32.16	31.79	32.97	32.47	17.1	16.9	19.9	19.2	18.9	17.7	18.3	21.7	16.3	98	99	95	99	99	96	97.7	26.2
7..	32 99	33.12	34.12	33.36	33.34	34.64	33.60	17.4	16.9	19.9	21.4	17.5	16.8	18.3	22.6	16.2	99	99	87	78	99	100	93.7	2.3
8..	33.94	34.44	35.25	34.55	34.26	35.11	34.59	16.3	16	20	20.4	16.4	16.6	17.6	22.1	15.3	99	99	84	81	99	96	93	9.7
9..	34.46	34.10	34.26	33.09	32.86	33.77	33.76	16	16	19.2	19.9	17	16.4	17.4	22	15.2	96	98	91	87	99	100	95.2	27.4
10..	32.73	32.47	33.35	32.62	32.01	32.48	32.61	16.4	16.5	16.1	17.1	16.7	17.2	16.7	17.3	15.6	100	99	99	99	100	100	99.5	254.3
11..	31.37	31.55	32.55	31.73	31.74	33.19	32.02	17.4	17.5	17.4	17.6	17.4	17.2	17.4	17.8	16.5	98	99	99	99	99	100	99	224.8
12..	32.83	32.87	34.29	33.70	33.62	34.46	33.63	17.2	17.4	17	17.7	17.3	17.2	17.3	17.9	16.2	100	99	99	99	99	100	99.3	119.4
13..	33.81	33.85	34.75	33.54	33.44	34.79	34.03	17.1	17.2	17.6	17.9	17.5	17.6	17.5	18.1	16.4	100	99	100	99	99	100	99.5	214.5
14..	33.91	33.93	34.65	34.29	33.92	34.64	34.22	17.3	17.4	17.4	17.1	17.3	17.6	17.4	17.8	16	100	99	99	99	99	98	99	245.2
15..	33.65	33.67	34.47	33.55	33.70	34.31	33.89	17.4	16.9	17.5	17.2	17.2	17.5	17.3	18.1	16.5	95	100	99	100	100	97	98.5	101.1
16..	33.53	34.04	34.97	34.52	34.88	35.52	34.58	17.3	16.9	16.9	17	17	16.7	17	18.3	15.9	98	99	99	99	99	99	98.8	45.8
17..	35.05	34.84	35.67	34.87	34.95	36.10	35.25	16.6	16.6	17	17.6	17.2	17.4	17.1	17.8	15.9	99	100	99	100	99	95	98.7	91.4
18..	35.04	35.29	35.80	35.13	35.09	35.45	35.30	16.9	16.4	17.3	17.4	17.2	17.2	17.1	17.8	15.7	97	99	99	99	99	98	98.5	61.7
19..	34.50	35.06	36.21	35.29	34.92	36.10	35.35	17.2	16.9	17.4	17.4	16.5	16.3	17	18.5	15.9	96	99	99	100	99	98	98.5	34.5
20..	34.78	35.06	35.80	34.93	34.84	35.91	35.22	16.3	16.4	17.1	17.8	17	16.1	16.8	17.9	15.6	98	99	99	99	99	100	99	52.9
21..	35.18	35.09	36.06	34.46	34.57	34.97	35.06	16.3	16.9	16.2	16.5	16.2	17	16.5	17.4	15.4	100	99	99	100	100	99	99.5	156.4
22..	33.77	32.91	34.28	33.06	32.69	34.42	33.52	17.3	17.4	15.5	17.4	17.4	15.4	16.7	17.6	14.6	99	99	99	99	99	100	99.2	179
23..	33.66	33.70	34.84	33.92	33.57	34.71	34.07	16.2	16.5	17.4	17.4	16.9	16.4	16.8	18.2	14.6	100	100	99	99	99	100	99.5	37.8
24..	34.14	33.68	34	33.85	33.70	34.48	33.98	14.9	16.1	16.9	17	16.9	16.9	16.4	17.8	14.1	100	99	98	99	99	98	98.8	88
25..	33.45	33.43	33.98	33.44	33.89	34.84	33.84	16.9	16.7	17.7	18	16.4	16.1	17	20.2	15.5	98	100	99	99	99	100	99.2	17.5
26..	34.09	34.25	34.25	33.86	34.04	35.05	34.26	16	16.5	18.5	17.4	16.8	15.9	16.8	19.5	15.1	97	99	97	99	99	100	98.5	76
27..	33.95	34.05	34.34	33.20	32.73	33.69	33.66	15.7	16	18.4	18.2	16 5	16.2	16.8	20.3	15.1	100	99	95	98	99	100	98.5	16.2
28..	32.95	32.61	32.75	32.25	32.36	33.19	32.68	16.4	16.4	17.3	17.1	16.3	16	16.6	18.9	14.9	99	99	99	99	99	99	99	16.9
29..	33.21	33.41	34.21	34.05	34.32	35.20	34.07	16	15.9	16.9	16.1	16.1	15.9	16.2	17	14.8	94	95	94	97	97	97	95.7	40.8
30..	34.87	35.15	36.13	35.72	36.03	37.03	35.82	16.1	16.4	17.6	19.1	17.7	17	17.3	19.3	15.3	97	91	89	73	86	91	87.8	.....
31..	36.64	36.75	37.54	36.99	37.17	38.65	37.29	16.9	16.4	19.5	20.9	18.4	16.7	18.1	21.3	15.6	88	90	70	68	81	89	81	.8
Mean	34.11	34.08	34.80	34.09	34.01	35.01	34.35	16.6	16.6	18.1	18.3	17.1	16.8	17.3	19.5	15.5	97.6	98.2	94.3	93.9	97.5	97.4	96.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,202.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	SE	SSE	ESE	ESE	E	92.8	72.6	100	130	395.4	10	.....	Cu.-N.	10	.....	N.
2..	SE	SE	NE	SW	SE	S	205.8	107	49.9	33.5	396.2	0	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N. E
3..	NW	NE	W	W	N	N	29.3	57.6	103.2	48	238.1	10	.....	S.	10	.....	Cu.-N.NWbyW
4..	N	NW	SW	W	SW	W	51.3	82.3	100.3	54.4	288.3	0	Ci.	S.-Cu.	10	.....	Cu.-N.
5..	N	N	WSW	WSW	N	NW	56.9	65.4	71.3	54.9	248.5	9	Ci.-S.	S.-Cu. NNW	10	.....	Cu.-N.
6..	W	W	W	WSW	S	SE	60.6	54.7	52.6	91.1	259	10	.....	N.	10	.....	N.
7..	E	ESE	ESE	SE	SSE	SE	89.5	144.6	113	125.2	472.3	10	.....	N.	9	Ci.	Cu.-N. SE
8..	SE	E	ESE	W	SW	SW	60.6	55.8	142.2	79.4	338	10	.....	N.	10	.....	Cu.-N. SSW
9..	W	SW	W	W	WSW	W	48.9	80.2	112.3	105.6	347	9	A.-Cu.	Cu.-N. SW	10	.....	N.
10..	W	WSW	SW	WSW	WSW	SW	117.2	163.2	216.7	253.2	750.3	10	.....	N.	10	.....	N.
11..	SW	WSW	WSW	SW	SW	SW	400	406.7	426.7	384.4	1,617.8	10	.....	N.	10	.....	N.
12..	SW	SW	SW	SW	SW	W	349.3	388.2	360.2	325.1	1,422.8	10	.....	N.	10	.....	N.
13..	SW	WSW	SW	WSW	SW	W	337.4	326.1	431.4	403	1,497.9	10	.....	N.	10	.....	N.
14..	SW	WSW	WSW	WSW	SW	SW	363.1	346	342.2	316.9	1,368.2	10	.....	N.	10	.....	N.
15..	SW	SW	SW	SW	SW	SW	305.5	295.6	287.8	300.7	1,189.6	10	.....	N.	10	.....	N.
16..	SW	SW	WSW	SW	SW	SW	297.7	315.6	266.9	277.4	1,157.6	10	.....	Cu.-N.	10	.....	Cu.-N.
17..	SW	SW	WSW	SW	SW	SW	231.1	262.9	297.4	233.3	1,024.7	10	.....	N.	10	.....	N.
18..	SW	SW	SW	SW	SW	SW	178.3	198.2	223.7	179.9	780.1	10	.....	N.	10	.....	N.
19..	SW	SW	SW	W	SW	SW	200.8	194.9	238.3	174.1	808.1	10	.....	N.	10	.....	N.
20..	SW	SW	SW	WSW	SW	SW	159.3	214	248.1	242	863.4	10	.....	Cu.-N.	10	.....	Cu.-N.
21..	SW	SW	SE	SW	WSW	SW	181	68.9	244.9	269.8	764.6	10	.....	N.	10	.....	N.
22..	W	SW	W	WSW	SW	.....	351.2	276.8	381.4	[a]50.1	1,059.5	10	.....	N.	10	.....	N.
23..	.....	WSW	WSW	WSW	W	W	.....	.....	199.2	120.4	.....	10	.....	N. SW	10	.....	N.
24..	W	W	WSW	W	W	W	106.4	190.1	191.2	147.5	635.2	10	.....	Cu.-N.	10	.....	N.
25..	W	W	W	W	W	W	203.3	171.2	133.1	38.6	546.2	10	.....	N.	10	.....	N.
26..	W	W	W	W	W	W	61	78.7	112.5	84.2	336.4	10	.....	Cu.-N.	10	.....	N.
27..	W	W	W	W	W	SW	73.8	61.7	102.5	81.3	319.3	10	.....	N.	10	.....	N.
28..	W	W	WSW	SW	SE	SW	92.2	93.6	140.6	97.2	423.6	10	.....	N.	10	.....	N.
29..	SW	SE	SW	SW	SSE	SE	78.3	76.9	86.4	121.2	362.8	10	.....	cu.-N.WSW	10	.....	N. SW
30..	S	SE	SE	SE	SE	E	144.6	164	132.6	178.9	620.1	10	.....	Cu.-N.SSE	10	Ci.-S.	Cu.-N. S
31..	E	ESE	E	ESE	SE	SE	149.4	197.3	104.9	68.2	519.8	10	.....	Cu.-N.	9	Ci.-S. N	Cu. SEbyE
Mean	.....	.....	.....	.....	.....	.....	169.2	173.7	194	163.5	701.7	9.3	.....	.....	9.9	.....	.....

[a] 5 hours missing.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	37.82	37.70	37.65	37.16	36.91	37.73	37.50	16.3	16.3	19.4	19.7	16.6	15.9	17.4	22.7	15.2	90	90	76	84	97	93	88.3	33
2..	36.58	36.30	37.38	36.55	36.36	37.19	36.73	15.8	15.9	17.6	20.1	17	16.2	17.1	20.8	15.1	87	85	79	70	89	94	84	.....
3..	36.36	36.29	37.20	36.34	36.44	37.43	36.68	15.7	15.4	19.4	20.4	18	16.1	17.5	21.9	14.8	92	93	74	63	88	92	83.7	11.4
4..	36.85	36.89	37.70	36.70	36.74	37.77	37.11	15.7	15.5	20	21.5	18	16.2	17.8	22.9	14.5	92	88	75	68	90	97	85	.....
5..	37.01	36.68	37.58	36.91	36.56	37.63	37.06	15.4	15.4	18.9	22.4	17.5	15.8	17.6	23.5	14.6	97	99	82	68	89	92	87.8	.....
6..	36.61	36.48	37.12	36.21	35.76	36.76	36.49	15.1	15.1	20.6	21.1	17	14.9	17.3	22.6	13.2	86	78	77	77	98	100	86	2.5
7..	35.97	36.07	36.70	36.43	36.07	37.03	36.38	14.9	14.9	20.9	18.9	17.3	16.9	17.3	22.3	14	100	99	71	94	97	90	91.8	1.3
8..	36.60	36.26	36.97	36.09	36.10	37.05	36.51	15.7	15.1	21.4	21.5	18.2	17	18.2	24.8	14.6	98	98	73	78	96	100	90.5	2.8
9..	36.50	36.35	37.07	35.86	35.82	36.52	36.35	16.8	16.4	20.5	20.7	17.4	16.5	18	23.5	15.8	100	99	82	87	95	95	93	7.1
10..	35.63	35.44	36.18	34.55	34.67	35.52	35.33	16	15.6	18.2	18.9	16	16.3	16.8	22.8	15.2	97	99	98	91	96	85	94.3	17.3
11..	34.66	34.21	34.67	33.77	33.33	33.96	34.10	15.8	15.8	17.2	19.3	16.4	15.7	16.7	20	14.9	98	99	99	88	99	100	97.2	71.5
12..	32.80	32.43	32.84	31.87	31.78	32.94	32.44	15.8	15.9	17.2	16.6	15.9	16.2	16.3	17.3	15	99	99	99	99	99	98	98.8	80.6
13..	32.30	32.25	32.89	32.62	32.82	34.29	32.86	16.1	15.9	16.1	16.9	16.1	15.8	16.2	17.7	15.4	98	99	98	94	97	97	97.2	43.4
14..	33.76	34.33	35.52	34.54	35.28	36.46	34.98	16.3	16	16.3	17	16.7	16	16.4	17.2	15.3	94	99	99	97	94	97	96.7	2.6
15..	35.64	35.97	36.97	36.65	36.58	37.79	36.60	15.9	15.6	19	22.1	18.6	16.8	18	22.8	15	98	99	85	69	95	100	91	1.3
16..	36.89	37.04	37.70	36.69	36.93	38.23	37.25	16.2	16	23.2	20.5	17.5	16.5	18.3	23.3	14.7	96	88	63	90	96	95	88	18.5
17..	37.52	37.32	37.25	35.99	36.31	36.61	36.83	16.4	16.4	21	19.4	17.4	16.3	17.8	22.1	15.5	100	99	79	89	96	99	93.7	5.2
18..	35.43	35.31	36.10	34.20	34.09	35.56	35.12	15.9	15.9	19.8	18.2	16.9	16.4	17.2	22.7	14.9	97	95	89	99	99	99	96.3	74.2
19..	34.92	34.90	35.48	34.57	34.70	35.82	35.06	15.7	15.9	18.1	17.9	16.9	16.5	16.8	20.8	14.8	100	99	98	99	99	100	99.2	27.7
20..	35.03	35.05	36.02	34.76	35.16	35.85	35.31	16.1	16.1	18.8	18	16.9	16.7	17.1	22.9	15.5	99	99	96	97	95	93	96.5	12.2
21..	35.33	35.77	36.43	35.49	35.53	36.80	35.89	16.2	16.1	21.2	19.2	17.4	16.4	17.8	22.3	15.4	97	98	78	96	94	93	92.7	4.8
22..	35.77	35.89	36.65	35.40	35.71	36.66	36.01	16.1	16.2	21.4	19.5	16.6	16	17.6	22.3	15	96	97	85	94	98	98	94.7	31.3
23..	35.86	35.51	36.21	35.06	34.65	35.29	35.43	15.9	16.2	18.9	20.1	17.6	16.9	17.6	22	15.4	100	98	94	94	96	99	96.8	3.1
24..	34.43	33.77	34.13	32.96	32.92	33.63	33.64	16	15.6	19.6	21.5	17.1	15.6	17.6	23.1	15.1	99	99	88	85	97	86	92.3	.....
25..	33.44	33.35	34.36	34.01	34.18	35.06	34.07	15.8	15.2	21.1	23.2	18.1	17	18.4	23.6	14.5	95	96	72	77	92	94	87.7	.....
26..	34.69	35.07	36.17	34.46	35.40	35 92	35.28	17.3	16.6	22.9	19.4	16.9	16.8	18.3	24.8	16	95	99	64	95	97	97	91.2	25.2
27..	34.88	35.30	35.77	35.17	35.04	35.82	35.33	16.8	16.4	21.2	17.9	17.2	17.1	17.8	22	15.8	95	96	78	99	98	93	93.2	6.4
28..	34.81	34.44	35.33	34.09	34.68	35.48	34.80	16.6	16	21.1	22	16.6	16.4	18.1	23.8	15.7	95	95	79	83	97	98	91.2	20.4
29..	34.77	34.87	35.49	35.06	35.33	35.91	35.24	16.7	16.5	19.9	17	17.4	16.6	17.4	22.3	16.2	98	99	84	96	96	97	95	3.8
30..	35.09	35.37	36.56	35.50	35.60	36.58	35.78	16.1	15.4	21.4	18.7	16.6	16.3	17.4	22.5	15.3	99	98	79	91	94	96	92.8	21.9
31..	35.79	35.38	36.21	35.04	35.12	36.45	35.66	16	16	18.4	18.9	16.6	16.3	17	20.9	15.7	98	98	94	92	97	99	96.3	14.5
Mean	35.49	35.42	36.14	35.18	35.24	36.19	35.61	16	15.8	19.7	19.6	17.1	16.3	17.4	22.1	15.1	96.3	96	83.5	87.2	95.5	95.7	92.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	544

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	E	W	E	E	42.4	53.1	42.4	70.5	208.4	10	.....	Cu.-N.	10	.....	Cu.-N. ESE
2..	SE	SE	SE	SW	SE	S	65.8	52.8	43.1	63	224.7	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. SSW
3..	S	SW	WSW	SW	SW	SW	55.2	55.8	101.7	93.5	306.2	9	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SSW
4..	W	SW	WSW	W	W	W	110.7	116.2	167.6	107.3	501.8	1	Ci.	Cu.-N.	4	Ci.-S.	Cu. W
5..	SW	SW	WSW	W	W	W	78.4	134.2	125.5	88.5	426.6	1	Ci.	Cu.-N.	6	Ci.	Cu.-N. WSW
6..	W	SW	W	W	W	W	75.4	100.3	128.9	43.5	348.1	0	Ci. E by N	Cu.	9	.....	Cu.-N. W
7..	W	W	W	W	WSW	W	78.4	78.9	[a]31.2	39.7	228.2	7	Ci.-S.	Cu.-N.	10	.....	N.
8..	W	W	W	W	SW	W	81.9	57.9	105.9	57.4	303.1	3	Ci.	cu.-N. WSW	10	.....	cu.-N. WNW
9..	W	W	WSW	W	W	W	43.1	57.3	117.5	61	278.9	10	.....	S.	10	.....	cu.-N. WNW
10..	W	W	W	W	NNE	W	50.4	79.1	95.6	44.9	270	10	.....	N.	10	.....	N.
11..	W	W	WSW	W	W	W	84.8	91.5	101.4	117.5	395.2	10	.....	Cu.-N.	10	.....	cu.-N. WNW
12..	W	W	WSW	SW	SW	SW	116.1	138.4	151.9	92.2	498.6	10	.....	Cu.-N.	10	.....	N.
13..	S	S	SW	SW	S	S	79.4	72.7	110.8	112.5	375.4	10	.....	cu.-N. WSW	10	.....	N.
14..	SW	SE	SE	NE	ESE	SE	149.4	154.5	144.8	127.1	575.8	10	.....	Cu.-N.	10	Ci.-S.	Cu.-N. S
15..	SE	E	ESE	ESE	SW	SE	160.3	107	46.2	87.1	400.6	10	.....	Cu.-N.	7	Ci.-S.	Cu.-N. ESE
16..	E	E	SW	WSW	N	E	88.8	46.5	78.6	36.2	250.1	0	Ci.	Cu.	10	.....	Cu.-N.
17..	NW	NE	ESE	W	NE	W	26.9	56.3	114.5	29.2	226.9	0	Ci.	Cu.	10	.....	Cu.-N.
18..	NE	NW	SW	WSW	SW	W	56.1	61.2	134.6	63.4	315.3	0	Ci.	Cu.-N.	10	.....	N.
19..	W	W	W	W	W	E	44	104.3	130.6	29.3	308.2	9	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
20..	W	SW	SW	SW	N	E	42	53.4	79.9	64.1	239.4	9	Ci.	N.	10	.....	N.
21..	W	NE	SE	W	NW	NE	25.9	47.8	56	46.1	175.8	10	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
22..	E	SW	SW	WSW	E	E	18.3	48.6	85.3	39.9	192.1	9	Ci.	Cu.-N.	10	.....	N.
23..	SE	E	W	W	NW	NW	26.8	41.3	76.1	43	187.2	10	.....	Cu.-N.	10	Ci.-S.	Cu.-N.
24..	NW	NW	W	SW	W	NW	64.7	92.8	120.7	71	349.2	10	.....	Cu.-N.	7	.....	cu.-N. WNW
25..	W	N	SW	W	NW	E	59.5	56.1	87.1	35.2	237.9	0	Ci.	Cu.	7	Ci.-S.	cu.-N. WNW
26..	E	E	E	SW	WSW	E	52	62.2	77.7	48.9	240.8	10	.....	Cu.-N.	10	.....	N.
27..	E	NE	E	SW	E	E	68.9	33.3	37.8	57.4	197.4	6	Ci.-S.	Cu.-N.	10	.....	N.
28..	SE	E	SE	SW	ESE	E	77	85.8	66.8	116.2	345.8	1	Ci.	Cu.-N.	10	.....	Cu.-N. ESE
29..	E	E	E	W	E	E	88	96.6	79.9	74.5	339	6	Ci.	Cu.-N.	10	.....	Cu.-N.
30..	E	E	ESE	SW	SW	SE	96.6	60.7	74.5	43.1	274.9	2	Ci.	Cu.-N.	10	.....	cu.-N. SWbys
31..	SE	E	W	SW	WSW	SE	58.2	47.5	145.3	27.6	278.6	10	.....	Cu.-N.	10	.....	Cu.-N. SSW
Mean	.....	.....	.....	.....	.....	.....	69.9	75.6	95.5	65.5	306.5	6.5	.....	.....	9.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]9,500.2	.....	.....	.....	.....	.....	.....

[a] 4 hours missing.

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	35.77	35.35	36.82	35.46	35.73	37.03	36.03	16	15.6	18.8	19.2	16.9	16.5	17.2	22.2	15.5	99	99	89	94	93	96	95	44
2..	36.54	36.04	36.97	35.78	35.75	36.80	36.31	16.3	15.7	20.1	20.8	17.4	16.6	17.8	22.7	15.4	97	99	88	82	99	98	93.8	2.9
3..	35.96	34.92	36.30	34.55	34.73	35.62	35.35	16.2	16.3	19.7	18	16.4	16.6	17.2	22	15.7	97	91	92	98	99	98	95.8	40.1
4..	34.22	33.70	34.26	32.86	32.49	32.88	33.40	15.9	15.4	19.4	19.4	17.2	16.6	17.3	22	15.1	100	99	90	89	97	90	94.2	7.4
5..	32.15	31.48	32.43	30.49	30.96	32.35	31.64	16.3	15.9	20.6	20.1	17.5	17.4	18	22.3	15.5	94	96	88	96	99	98	95.2	4.4
6..	32.26	32.53	33.55	33.29	33.84	34.60	33.34	17	16.7	19.4	18.4	17.4	16.9	17.6	21.5	16.3	98	99	94	89	94	96	95	47.7
7..	33.74	33.70	34.54	33.76	33.50	34.19	33.90	16.4	16.4	19.2	17.5	16.9	16.3	17.1	20	15.8	99	99	96	99	99	100	98.7	25.9
8..	33.17	33.56	34.48	33.88	33.84	34.43	33.89	16.3	15.4	19.9	16.9	16.4	16.4	16.9	20.9	15	99	96	75	97	99	98	94	56.6
9..	34.07	34.12	34.82	34	34.12	35.17	34.38	16.5	16	17.1	16.5	16.9	16.3	16.6	17.4	15.7	99	99	99	100	99	100	99.3	99.8
10..	34.71	34.66	35.54	34.52	34.71	35.58	34.95	16.1	16.4	17.1	18	16.5	16	16.7	18.8	15.4	100	99	98	98	99	100	99	15
11..	34.75	34.72	35.95	34.83	35.06	36.04	35.22	15.6	15.9	18.6	16.9	16.4	16.7	16.7	19.1	15.4	100	99	90	99	99	100	97.8	54.3
12..	35.71	35.89	36.65	36.24	36.38	37.46	36.39	16.7	15.9	17.6	17.1	17	16.6	16.8	18.5	15.7	98	99	100	99	99	100	99.2	44.1
13..	36.83	36.71	38.01	36.59	36.80	37.65	37.10	16.7	16.9	17.7	17.3	17.2	17.1	17.2	18.4	16.2	100	99	100	100	99	99	99.5	26.5
14..	36.89	37.14	37.80	36.83	37.18	37.88	37.29	16.8	16.6	17.5	17.1	16.4	14.9	16.6	17.8	14.2	99	99	100	100	99	100	99.5	62.3
15..	36.97	36.82	37.74	36.33	36.41	37.58	36.98	15.6	15.7	19.1	17.9	15.9	16.1	16.7	21.2	14.7	95	88	90	92	99	100	94	16.8
16..	36.64	36.16	37.24	36.20	36.39	37.61	36.71	15.7	15.9	18	18.9	16.6	16.5	16.9	20.7	15.4	99	99	99	94	99	99	98.2	7.9
17..	36.82	36.84	38.08	36.13	36.29	37.54	36.95	16.6	16.4	19.8	19.4	16.5	16.5	17.5	20.9	15.7	96	94	95	96	99	100	96.7	14
18..	36.68	37.13	38.01	36.41	36.74	38.36	37.22	15.6	15.6	19.4	19.4	16.2	16.2	17.1	23.4	15.1	99	99	95	93	99	96	96.8	20.1
19..	37.59	38.01	38.24	37.35	37.64	38.46	37.88	15.8	16.3	20.4	18	16.4	15.9	17.1	22.6	15.1	99	99	87	99	97	90	95.2	2.9
20..	37.59	37.01	37.39	36.24	36.12	37.04	36.90	15.8	16.2	21.1	19.8	17.1	16	17.7	22.4	14.9	87	71	75	89	95	94	85.2	3.1
21..	36.01	35.29	36.03	35.04	35.18	36.26	35.64	15.5	15.4	19.5	19.1	16.9	15.8	17	21.5	15.1	96	93	88	97	97	98	94.8	10.4
22..	35.83	35.56	36.08	35.38	35.19	36.54	35.76	15.9	15.5	20.5	20.4	17.3	16.4	17.7	22.6	15.3	96	96	82	90	95	93	92	.8
23..	35.76	35.40	36.21	35.26	35.60	36.93	35.86	15.3	15.9	21.6	21.9	17.4	16.8	18.2	23.8	14.9	97	98	73	81	95	94	89.7	3.5
24..	36.57	36.55	37.21	36.42	36.78	38.27	36.97	15.9	15.9	22.4	22.6	17.9	16.8	18.6	24.9	15.4	95	88	74	84	99	99	89.8	8.9
25..	37.67	37.56	38.81	36.79	37.66	38.50	37.83	16.6	16.2	21.6	19.4	16.9	16.5	17.9	23.5	15.5	98	94	80	97	99	91	93.2	48
26..	37.74	38.09	38.73	37.83	38.09	39.30	38.30	16	16	22.8	18.4	17.1	16.5	17.8	24.4	15.3	97	90	70	94	99	99	91.5	1.8
27..	38.52	37.78	38.90	37.47	37.85	39.09	38.27	16.1	17	19.7	19.9	17.1	16.4	17.7	23.2	15.7	96	85	89	91	88	87	89.3	6.8
28..	37.91	37.60	38.06	36.66	36.77	37.38	37.40	16.6	16.7	22.1	21.9	18.8	17.4	18.9	23.8	16.2	85	80	73	83	95	96	85.3	.8
29..	36.28	35.89	36.21	34.23	34.24	35.15	35.33	16.5	15.9	21.9	21.4	18	17.5	18.5	23.4	15.6	99	98	77	85	98	94	91.8	.....
30..	34.54	34.18	34.80	33.60	33.71	34.73	34.26	17.3	16.5	20.9	20.1	18	17.1	18.3	23.8	16.1	94	92	82	90	93	94	90.8	.....
Mean	35.86	35.68	36.53	35.35	35.52	36.55	35.92	16.2	16.1	19.8	19.1	17	16.5	17.4	21.7	15.4	96.9	94.5	87.6	93.2	97.3	96.7	94.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	676.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	E	W	WSW	WSW	W	42.1	40.7	72.1	35.6	190.5	9	A.-Cu.	Cu.-N.	10	.....	Cu.-N.
2..	W	SE	WSW	SW	W	SE	51.2	60.7	131.4	38	281.3	6	Ci.	Cu.-N.	8	Ci.-S.	Cu.-N.WSW
3..	NE	E	W	W	WSW	E	31.6	37.6	154.3	63.6	287.1	7	Ci.-S.	S.-Cu.	10	.....	N.
4..	W	W	SW	W	E	E	33.6	52.9	100	87.9	274.4	6	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
5..	E	E	SW	W	NW	N	62.3	39.9	74.6	49.9	226.7	7	Ci.	S.-Cu. SE	10	.....	N.
6..	W	NW	W	NW	NW	N	55.5	91.9	122.9	86.9	357.2	10	.....	Cu.-N.	9	.....	cu.-N. WNW
7..	NW	NW	W	W	WNW	NW	77.2	87.5	156.7	96	417.4	9	.....	cu.-N. NWbyN	10	.....	N.
8..	W	NW	NW	WNW	NW	NW	98.5	114	153.1	134.1	499.7	1	Ci.	Cu.-N.	10	.....	Cu.-N.
9..	W	W	NW	NW	WSW	NW	202.2	191.7	172.4	153.4	719.7	10	.....	Cu.-N.	10	.....	Cu.-N.
10..	NW	W	WNW	W	NW	NW	126.9	162	146.2	94.4	529.5	10	.....	Cu.-N.	10	.....	cu.-N. WNW
11..	NW	W	W	SW	SW	W	90.1	108.8	160.9	223.7	583.5	10	.....	Cu.-N.	10	.....	Cu.-N.
12..	W	WSW	WSW	WSW	WSW	W	179.6	166.4	181.8	133.6	661.4	10	Ci.-S.	Cu.-N.	10	.....	N.
13..	W	W	W	SW	WSW	W	127.9	138.9	147.3	116.5	530.6	10	.....	N.	10	.....	N.
14..	W	W	WSW	W	NW	W	138.6	181.8	158.7	119.3	598.4	10	.....	N.	10	.....	N.
15..	N	NW	W	WNW	W	Calm	80.8	98.4	128.7	46.4	354.3	7	A.-Cu.	S.-Cu.	10	.....	N.
16..	E	SE	WSW	WSW	W	E	45.1	64.4	105.2	18	232.7	10	.....	Cu.-N.	10	.....	Cu.-N. SE
17..	NW	WNW	WSW	WSW	W	W	35.9	40.7	104.3	93.5	274.4	2	Ci.-S. NE	S.-Cu.	10	.....	N.
18..	W	E	SW	WSW	W	N	32.2	32.4	146.1	84.3	295	3	Ci.-S.	Cu.-N.	10	.....	N.
19..	NW	W	SW	W	W	NE	55.8	54.9	114.1	80.5	305.3	10	.....	Cu.-N.	10	.....	Cu.-N.
20..	NE	W	SW	W	N	N	39.7	58.1	105.6	52.5	255.9	0	Ci.	S.-Cu.	10	.....	Cu.-N.
21..	E	W	SW	W	W	NE	38.1	47.2	87.4	52.9	225.6	0	Ci. NEbyE	Cu.-N.	10	.....	N.
22..	E	E	SW	W	NW	N	27.4	59.2	106.2	68.4	261.2	0	Ci.	Cu.	9	.....	Cu.-N.
23..	NE	E	WSW	W	WNW	NW	68.2	60.2	89.5	49.9	267.8	0	Ci. NNE	Cu.	8	Ci.-S.	N.
24..	N	NE	WSW	SW	SW	E	41.2	47	76.1	20.9	185.2	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.WSW
25..	W	E	SW	W	E	SE	48.8	41.5	66.6	57.1	214	1	A.-Cu.	S.-Cu.	10	.....	N.
26..	NE	N	E	W	S	NE	48	69.5	54.2	31.9	203.6	8	A.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N.
27..	NE	E	W	W	N	NE	70.5	44.6	70.8	45.6	231.5	0	Ci.	Cu.	10	.....	N.
28..	SE	E	SW	WSW	W	SE	58.9	57.7	77.9	33.3	227.8	0	Ci.	Cu.	9	Ci.-S.	cu.-N. WNW
29..	E	N	SW	SW	WNW	N	40.2	64.9	87.9	34	227	0	Ci.	Cu.	10	.....	cu.-N. WNW
30..	N	NW	WSW	W	NW	NW	38.6	75.4	100.4	56.3	270.7	0	Ci.	Cu.	10	.....	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	69.6	79.7	115.1	75.3	339.6	5.3	.....	.....	9.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,189.4	.....	.....	.....	.....	.....	.....

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*Pct.*	*P.ct.*	*P.ct.*	*mm.*
1..	33.42	33.46	35	33.41	33.44	33.95	33.78	16.6	16	20.9	20	16.9	16.5	17.8	21.8	15.7	96	92	82	87	99	98	92.3	6.3
2..	32.85	32.83	33.78	32.21	32.25	33.18	32.85	16.4	15.9	20.6	17.9	17	16.8	17.4	22.1	15.7	91	92	83	99	98	97	93.3	11.9
3..	31.96	31.70	33.15	31.71	32.02	33.08	32.27	16.4	16.4	17.7	17.5	17	16.4	16.9	19.3	16	97	98	96	98	99	100	98	16.8
4..	32.99	33.57	34.71	34.10	34.95	36.14	34.41	16.2	16.4	18.8	18.4	17.2	16.7	17.3	19.8	15.8	100	99	99	99	99	100	99.3	15.5
5..	35.34	36.23	37.87	36.09	36.91	37.69	36.69	16.6	16.4	17.9	18	16.6	16.3	17	20.2	16	100	99	96	98	99	98	98.3	7.2
6..	36.97	37.55	38.41	37.15	37.01	37.56	37.44	16.3	16.4	20.2	19.4	18	17.2	17.9	21.9	15.9	96	96	84	96	98	97	94.5	10.7
7..	36.61	36.58	37.64	36.16	36.70	37.44	36.86	16.8	16.5	20.9	19.2	17.6	16.6	17.9	22.1	16.2	100	99	85	96	98	99	96.2	4.4
8..	36.71	36.58	37.99	36.64	37.16	37.49	37.10	16.5	16.1	19.9	20.6	16.6	15.7	17.6	23.4	15.3	97	97	90	90	99	94	94.5	27.9
9..	37.03	36.96	38.13	36.64	37.12	37.69	37.26	16	15.9	19.9	19.9	17.2	16.5	17.6	23.2	15.4	89	92	88	92	89	96	91	.....
10..	36.63	36.70	37.78	36.43	36.73	37.57	36.97	15.7	15	20.1	18.4	16.6	16	17	23.2	14.9	94	96	83	96	95	95	93.2	1.3
11..	36.53	36.38	37.60	36.02	36.09	37.24	36.64	15.2	14.5	20.7	21.5	17.4	15.7	17.5	22.9	14.4	95	94	83	77	99	99	91.2	15.5
12..	36.40	36.55	37.85	36.72	36.78	37.55	36.98	15.6	15.4	17.6	17.3	16.4	15.5	16.3	20.4	14.9	98	87	94	97	94	100	95	.6
13..	36.73	36.70	37.55	35.89	35.85	36.77	36.58	15.1	14.6	19.9	20.4	17.1	16.2	17.2	22.6	14.4	97	97	82	81	97	97	91.8	.....
14..	35.80	35.57	36.18	34.66	34.54	35.10	35.31	15.2	14	19.4	19.4	17	16.1	16.8	21.4	13.9	97	97	76	85	93	93	90.2	.....
15..	33.76	33.32	33.83	30.20	30.84	30.24	32.03	15.4	16	19.4	17.9	18	17.7	17.4	21.1	14.3	97	87	86	96	98	99	93.8	8.7
16..	28.31	28.24	30.77	30.05	31.70	32.80	30.31	17.4	17.9	16.9	18.9	17.1	15.9	17.4	19.3	14.9	99	94	99	89	87	97	94.2	12.9
17..	32.22	32.12	33.13	31.12	32.11	33.66	32.39	14.5	14.1	16.1	15.7	16.1	16.5	15.5	16.8	13.8	98	99	94	98	99	99	97.8	24.9
18..	33.02	33.42	34.67	33.15	33.77	35.09	33.85	16.6	16.8	17	17.4	16.9	16.8	16.9	17.8	15.9	99	99	98	99	97	98	98.3	9.6
19..	34.60	34.82	36.35	34.80	35.25	36.38	35.37	16.9	17	17.8	18.4	17.1	16.7	17.3	18.5	16.2	99	98	99	93	98	96	97.2	4.6
20..	35.62	35.80	37.03	35.76	36	36.90	36.18	16.7	16.9	20.7	21.4	17.5	17.4	18.4	23.3	16.3	87	84	83	90	98	95	89.5	1.3
21..	36.19	35.88	36.55	34.92	34.77	34.99	35.55	16.6	16.2	21	21.4	17	17.1	18.2	23.5	15.7	98	92	86	84	96	92	91.3	3.6
22..	33.75	33.12	32.98	30.61	30.81	32.27	32.26	16.7	16.5	22	20.2	17.1	17.3	18.3	23.3	16	92	94	79	96	99	100	93.3	78.5
23..	32.64	33.92	35.48	34.47	35.44	36.56	34.75	16.6	16	17.6	17.8	16	15.7	16.6	17.9	15.5	99	99	98	93	99	96	97.3	8.5
24..	36.28	36.60	37.51	36.53	36.41	36.79	36.69	15.6	15.5	15.9	17.4	16.1	16	16.1	18.1	14.9	95	97	99	95	99	98	97.2	21.4
25..	36.16	36.14	37.43	35.96	36.25	37.08	36.50	15.6	15.5	18	17.5	15.8	15.4	16.3	19.3	15.1	99	99	91	93	97	92	95.2	1.5
26..	36.61	37.39	38.58	37.95	38.47	39.61	38.10	15.1	14.5	20.5	21.4	16.9	16.6	17.5	23.3	14.4	96	94	75	68	93	88	85.7	.3
27..	38.94	39.28	40.67	39.30	39.64	40.07	39.65	16.5	16.2	22.5	23.4	18	16.8	18.9	24.3	16	88	89	64	61	75	79	76	.....
28..	39.03	39.05	40.27	38.98	39.21	39.66	39.37	16.2	15.6	23.2	22.9	18.4	16.4	18.8	24.8	15	74	68	50	66	86	79	70.5	.....
29..	38.61	38.45	39.18	37.20	37.59	38.07	38.18	15.2	15.9	23.5	21.4	17.5	15.8	18.2	24.3	14.5	77	63	52	81	89	77	73.2	.....
30..	37.52	37.50	38.41	37.20	37.40	38.28	37.72	15.4	15.4	22.1	22.1	18.5	17.1	18.4	22.5	14.6	81	75	63	63	90	93	77.5	.....
31..	37.87	37.80	39.20	37.63	38.11	38.74	38.22	16.6	16.6	22.1	20.5	17	17.1	18.3	24.4	16	91	82	63	72	89	87	80.7	.....
Mean	35.39	35.49	36.63	35.15	35.53	36.31	35.75	16.1	15.9	19.7	19.5	17.1	16.5	17.4	21.5	15.3	94.1	91.9	83.9	88	95	94.5	91.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	293.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	W	NE	W	WNW	WNW	N	82.9	84.3	130.2	164.2	461.6	7	Ci.	Cu.-N.	9	Ci.-S.	N. NbyW
2..	N	N	NNW	NW	NW	NW	164.4	151.3	152.4	119.6	587.7	3	Ci. NNE	S.-Cu.	10	.....	N.
3..	NW	NW	NW	NW	NW	W	128.7	102.8	130.6	103.3	465.4	10	.....	N.	10	.....	Cu.-N.
4..	NW	W	W	SW	WSW	SW	66.6	114.9	146.6	68.6	396.7	10	.....	N.	10	.....	Cu.-N.
5..	W	W	WSW	WSW	W	W	100.9	66.6	116.7	42	326.2	10	.....	Cu.-N.	10	.....	N.
6..	W	Calm	SW	SW	W	W	26.2	48.8	63.4	24.6	163	10	.....	Cu.-N.	10	.....	Cu.-N.
7..	SE	SW	SW	W	NW	NW	27.4	63.1	82.9	37.8	211.2	3	Ci.	Cu.-N.	9	.....	N.
8..	E	E	SW	W	SE	Calm	74	59.2	95	36.7	264.9	0	Ci.	Cu.	10	.....	Cu.-N.
9..	E	E	W	WSW	SE	SW	74.3	50.1	61.7	26.4	212.5	0	Ci.	Cu.-N.	10	.....	Cu.-N.
10..	NW	NE	SW	W	NE	E	50.5	60.4	65.5	28.5	204.9	0	Ci.	Cu.	10	.....	N.
11..	N	E	SW	SW	SW	E	37.8	50.7	74.6	48.1	211.2	0	Ci.	Cu.	10	.....	Cu.-N.
12..	NE	NW	SW	W	NE	SE	30.1	34.1	65	32.5	161.7	3	Ci.	Cu.-N.	10	.....	Cu.-N.
13..	E	SE	SW	WSW	WNW	W	34.3	54.9	75.4	31.4	196	2	Ci.	Cu.-N.	9	Ci.-S.	Cu.-N.NWbyN
14..	W	NE	SW	W	E	NW	33	69.4	67.9	36.4	206.7	1	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
15..	W	NW	NW	NW	NNE	N	43.5	69.2	118.3	95.5	326.5	7	.....	Cu.-N.	10	.....	N.
16..	N	E	ESE	E	E	E	72.1	163.6	295.6	196.8	728.1	9	.....	Cu.-N.WNW	8	Ci.-S.	Cu.-N. ESE
17..	E	E	E	E	SE	SE	220.1	318.9	295.8	250.7	1,085.5	10	.....	N.	10	.....	N. SbyE
18..	E	ESE	ESE	E	SE	E	225.5	224.2	169.3	194.1	813.1	10	.....	N.	10	.....	N.
19..	SE	SE	E	SE	E	E	157.9	160.7	153.4	128.9	600.9	10	.....	N. SSE	10	.....	Cu.-N. SSE
20..	E	E	SE	WSW	N	W	124.9	69.2	62.8	27.9	284.8	3	Ci.	S.-Cu.	10	.....	Cu.-N.
21..	N	NW	WSW	W	NE	NW	23	58.5	80.7	62	224.2	1	Ci.	Cu.-N.	10	Ci.-S.	Cu.-N.NEbyN
22..	NW	NE	WSW	W	W	SW	63.9	94.8	117	69.2	344.9	8	Ci.-S.	Cu.-N.NNW	10	.....	Cu.-N.
23..	W	S	SW	SW	WSW	SW	122.9	53.9	147.6	139.5	463.9	10	.....	N. SSW	10	.....	N.
24..	SW	WSW	W	WSW	W	W	108.9	155	144.8	143.7	552.4	9	.....	Cu.-N. W	10	.....	Cu.-N.
25..	W	W	SW	SW	E	E	139.7	130.6	59.5	76.7	406.5	10	.....	Cu.-N.	10	.....	Cu.-N. WSW
26..	SE	E	SE	ESE	E	E	144	160.3	118.5	166.4	589.2	0	Ci.	Cu.-N.	3	Ci.	Cu.-N. SSE
27..	E	SE	ESE	SE	E	SE	109.4	69.2	56.6	58.5	293.7	0	Ci.	Cu.-N.	1	Ci.-S.	Cu. E
28..	SE	E	SE	SE	E	E	58.5	54.4	46.4	123.4	282.7	0	Ci.	Cu.	7	.....	Cu.-N. E
29..	E	E	SE	WSW	SE	E	117.2	55.8	71	91.5	335.5	0	.....	Cu.	9	.....	Cu.-N.
30..	E	E	E	E	SE	E	55.5	155.6	85.1	108.4	404.6	0	Ci.	Cu.	4	.....	Cu. E
31..	E	E	E	SE	NE	E	116.5	92.2	53.2	51.8	313.7	1	Ci.	Cu.-N.	7	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	91.4	99.9	109.8	89.8	391	4.7	.....	.....	8.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,119.9	.....	.....	.....	.....	.....	.....

BAGUIO.

[ϕ=16° 25′ N; λ=120° 36′ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

NOVEMBER, 1918.

Day	Atmospheric pressure, 600 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	38.26	38.24	38.94	37.44	37.48	38.30	38.11	16.6	16.3	22.6	20.7	18	16.8	18.5	25.4	15.1	79	84	45	84	93	92	79.5	1.3
2	37.62	37.39	38.48	36.76	37.07	38.05	37.56	15.5	15.4	22.4	20.2	17.7	16.8	18	24	14.7	81	65	48	82	94	92	77	.....
3	37.32	37.80	38.79	36.99	37	37.92	37.64	15.6	14.3	21.7	23.5	17.4	15.8	18	24.8	14	92	89	58	52	89	77	76.2	.....
4	37.03	37.05	38.30	36.95	37.20	37.80	37.39	14.3	15	23.1	21.9	16.9	16.1	17.9	24.5	12	74	39	49	73	90	80	67.5	.....
5	37.39	37.69	38.69	37.59	37.79	38.68	37.97	15.2	16.4	24.2	23.6	18.4	17.1	19.2	25.6	14.8	73	61	42	68	90	85	69.8	.....
6	37.86	38.09	38.98	37.54	37.86	38.55	38.15	16.3	17.5	24.1	24.5	18.9	17.4	19.8	26.2	15.7	75	56	44	71	90	90	71	.....
7	38.14	38.42	39.33	38.04	37.99	38.86	38.46	16.3	14.8	23.5	22.4	17.9	16.2	18.5	25.1	14.4	83	88	52	77	93	86	79.8	.....
8	38.37	38.39	39.59	38.12	38.52	39.23	38.70	15.7	16.4	23.4	20.8	18.2	15.7	18.4	24.2	14.1	78	73	58	82	89	87	77.8	.....
9	38.69	39.05	39.83	38.19	38.36	39.24	38.89	15.4	15.4	24.9	22.8	17.2	15.8	18.6	25.8	14.2	81	81	34	73	93	76	73	.....
10	38.62	39.10	40.15	38.35	38.40	39.10?	38.95	14.3	15.1	23.1	22.6	17.6	15.1	18	25	14	75	57	47	67	56	56	59.7	.....
11	38.04?	38.80	39.78	38.34	38.65	39.41	38.84	14.8	15.1	22	21.9	16.9	15.5	17.7	23.8	14	60	50	50	48	53	49	51.7	.....
12	38.08	38.49	39.53	37.79	37.99	38.55	38.40	15.1	14.5	22.4	20	16.6	15.8	17.4	23.3	14	59	64	44	66	62	48	57.2	.....
13	38.48	38.79	39.53	38.54	38.70	39.53	38.93	14.4	14.2	21.6	22	16.9	15.5	17.4	23.1	14	68	68	52	58	78	72	66	.....
14	38.85	39.13	39.92	38.38	38.76	39.73	39.13	15.7	16.5	22.1	22.9	17.9	17.5	18.8	23.8	14.8	82	82	61	44	79	82	71.7	.....
15	39.08	39	39.79	38.16	38.12	38.82	38.83	16	15.9	19.4	21.9	17.1	15.6	17.6	24.1	14	83	74	51	35	52	45	56.7	.....
16	38.22	38.47	39.18	37.48	37.69	38.61	38.28	13.7	13.9	22.8	23.5	17.5	15.6	17.8	25	13.4	76	67	31	28	43	48	48.8	.....
17	37.67	38.10	39.33	37.78	37.90	38.38	38.19	15	14.2	22.5	22.9	17.8	14.9	17.9	25.3	12.6	54	58	42	62	85	84	64.2	.....
18	37.53	37.81	38.86	37.18	37.40	37.65	37.74	14.3	13.4	21.6	22.1	16.5	14.5	17.1	24.8	13.2	76	65	38	66	89	86	70	.....
19	37.25	37.60	38.40	37.34	37.41	38.14	37.69	13.6	13.4	21.5	19.4	16.4	15.2	16.6	24.3	12.4	85	83	36	81	94	87	77.7	.....
20	37.53	38.21	39.39	37.69	37.75	38.06	38.10	14.6	13.5	18.4	22	16.9	14.8	16.7	22.8	13.4	91	90	80	66	92	93	85.3	.....
21	37.48	37.59	38.77	37.19	37.52	38.25	37.80	14.9	14.5	22.4	21.1	17.2	15.5	17.6	24.8	14.1	85	86	54	77	90	93	80.8	.....
22	37.38	37.86	38.78	36.99	37.63	38.20	37.81	14.2	13.4	20.2	19.8	17.2	16.5	16.9	23	13.4	93	87	63	81	97	92	85.5	.....
23	37.25	37.52	38.49	37.09	37.60	38.14	37.68	15.4	14.9	23	20	16.9	15.6	17.6	24.6	14.4	91	90	61	84	96	97	86.5	.5
24	37.60	37.89	38.73	37.04	37.39	38.06	37.78	15.7	15.6	23.5	19.1	17.3	15.7	17.8	25.1	15.2	98	95	60	95	95	96	89.8	5.3
25	37.31	37.43	38.70	37.15	37.30	37.97	37.64	15.5	15.4	21	20.1	17.5	16.3	17.6	23.7	14.6	91	88	74	87	95	96	88.5	.....
26	37.13	37.59	38.74	37.33	37.63	38.43	37.81	15.6	15.4	21.4	21.1	17.1	16.3	17.8	24.1	15	97	90	70	77	91	90	85.8	.....
27	37.72	38.02	39.12	37.33	37.80	38.32	38.05	15.6	15	21.5	22.2	17.8	17	18.2	24.1	14.5	90	93	69	72	93	95	85.3	.....
28	37.46	37.93	38.74	37.19	37.55	38.25	37.85	15.9	14.9	22.1	20	17.4	16.2	17.8	24	14	96	97	67	84	94	92	88.3	1.5
29	37.64	38.14	39.26	37.96	38.27	39.09	38.39	15.5	14.9	22.8	21.1	17.4	16.2	18	24.7	14.4	87	88	60	81	94	89	83.2	.....
30	38.32	38.44	39.23	37.91	38.14	39.05	38.52	15.6	15.4	22.9	21.4	17.8	16.1	18.2	24.5	14.3	87	88	58	76	97	95	83.5	.....
Mean	37.84	38.13	39.11	37.59	37.83	38.55	38.18	15.2	15	22.3	21.6	17.4	16	17.9	24.4	14.1	81.3	76.5	53.3	69.9	84.9	81.7	74.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	E	E	SE	WSW	S	E	64.1	40	72.2	35.7	212	0	Ci.	Cu.	10	.....	Cu.-N.
2	SE	E	SE	WSW	W	E	94.1	92.3	61	61.2	308.6	0	Ci.	Cu.	7	.....	Cu.-N. ESE
3	E	E	SE	SE	E	E	102.8	76.4	44.6	61.	284.8	0	Ci.	Cu.	1	.....	Cu.
4	E	E	S	SW	SE	SE	80.3	71.1	57.6	[a]68.4	277.4	0	Ci.	Cu.	2	Ci.	Cu. ESE
5	.....	E	ESE	WSW	SE	E	.....	99.8	55.7	66.8	.....	0	Ci.	Cu.	3	.....	Cu. ESE
6	E	SE	E	SW	SE	SE	107.8	71.9	54.4	71	305.1	0	Ci.	Cu.	4	.....	Cu.
7	SE	NE	SE	SW	S	E	48.6	60	61.2	63.9	233.7	0	Ci.	Cu.	8	.....	Cu.-N. E
8	E	SE	SE	SW	E	E	64.4	68.2	49.4	97.9	279.9	0	.....	Cu.-N.	10	.....	Cu.-N.
9	E	E	E	SW	S	E	122.9	74.2	68.6	67.9	333.6	0	Ci.	Cu.	5	.....	Cu. E
10	E	E	SE	SW	E	.....	127.7	66.8	[b]43.1	.....	.....	0	Ci.	Cu.	1	.....	Cu. SE
11	.....	ESE	E	ESE	SE	SE	.....	100.3?	81.5	81.9	.....	0	Ci.	Cu.	1	Ci.	Cu. SE
12	E	NE	ESE	SE	E	E	117.8	124.1	101.6	150.5	494	0	.....	S.-Cu.	1	.....	Cu.
13	E	E	ESE	ESE	E	E	101.6	266	132.8	150.3	650.7	0	Ci.	Cu.	3	Ci.-Cu.	Cu. E
14	E	SE	E	ESE	E	SE	93.8	118.9	109.1	103	424.8	8	.....	Cu.-N. ESE	3	Ci.-S.	Cu.
15	E	E	ESE	E	E	E	106.5	170.4	102.8	83.7	463.4	2	Ci.	S.-Cu. ESE	0	Ci.-Cu.	Cu.
16	NE	W	SE	S	SE	SE	34.3	39.9	70.3	93.6	238.1	0	.....	Cu.	0	.....	Cu.
17	SE	NE	SW	WSW	SE	E	83.5	61	77.4	91.9	313.8	0	Ci.	Cu.	3	.....	Cu. SSE
18	E	E	SE	SW	S	E	54.7	48.3	68.2	71.6	242.8	0	.....	Cu.-N.	0	.....	Cu.
19	NE	SE	ESE	WSW	SE	SE	55.2	51.3	75.9	50.9	233.3	0	.....	Cu.	7	.....	Cu.-N. E
20	E	NE	W	SW	SE	E	55.2	62.3	66.2	87.7	271.4	0	Ci.	Cu.	3	.....	Cu.-N. SE
21	E	SE	E	SW	SE	E	119.7	96.6	54.9	39.2	310.4	0	Ci.	Cu.	7	.....	Cu. ESE
22	E	NE	SW	WSW	SW	SE	58.5	53.2	71.3	49.1	232.1	0	Ci.	Cu.	8	.....	Cu.-N. W
23	E	E	SW	SW	W	NE	92.2	63.6	65.5	52.6	273.9	0	Ci.	Cu.-N.	8	.....	Cu.-N. SE
24	E	E	SW	WSW	E	E	62.8	60	61.2	102.8	286.8	0	Ci.	S.-Cu.	10	.....	Cu.-N.
25	E	E	WSW	W	SW	E	99.6	59.3	59.7	43.3	261.9	0	Ci.	Cu.	4	Ci.-S.	Cu. ESE
26	E	W	SW	SW	W	W	48.6	57.9	76.2	49.1	231.8	0	Ci.	Cu.	4	.....	Cu. W
27	SW	W	SW	SW	S	SE	23.5	42.4	68.1	77.7	211.7	0	Ci.	Cu.	6	.....	Cu. E
28	E	NE	SW	W	E	E	89	66.3	56.5	87.7	299.5	8	.....	S.-Cu.	10	.....	Cu.-N.
29	E	E	ESE	SW	SE	E	93.6	66.3	59.3	88.2	307.4	0	Ci.	Cu.	7	.....	Cu.-N. E
30	E	E	E	WSW	S	SE	69.4	75.8	61	63	269.2	1	.....	Cu.	6	Ci.-S.	Cu. E
Mean	.....	.....	.....	.....	.....	.....	81.2	80.2	69.6	76.3	305.6	0.6	.....	.....	4.7	.....	.....

[a] 1 hour missing.

[b] 2 hours missing.

BAGUIO.

[$\phi = 16°\ 25'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 1,512.5 meters; gravity correction not applied, —1.65 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 600 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	38.47	38.18	39.09	37.38	37.57	38.35	38.17	14.9	14.4	21.4	21	17.3	15.8	17.5	23.5	13.9	94	95	69	77	95	89	86.5	.....
2..	37.88	38.01	39.22	37.35	37.66	38.48	38.10	14.5	14.4	21.6	23.4	17	15.7	17.8	24.4	13.9	83	62	34	59	90	87	69.2	.....
3..	37.86	38.08	39.28	37.39	37.31	38.13	38.01	14.3	14.5	23.2	23.5	18	15.6	18.2	25.4	13.4	97	90	53	65	93	84	80.3	.....
4..	37.49	37.86	38.59	37.19	37.47	37.99	37.76	14.5	13	19.4	21.3	17.3	14.8	16.7	25.2	12.6	81	79	35	68	75	86	70.7	.....
5..	37.34	37.86	38.91	37.75	38.12	38.90	38.15	15.5	15.1	21.2	24.9	17.1	15.4	18.2	25.9	14.3	68	79	58	51	79	87	70.3	.....
6..	38.49	38.97	40.13	38.23	38.45	39.23	38.92	14.3	13.6	21.1	23.1	17.3	14.4	17.3	24.9	13.3	87	87	51	66	79	92	77	.....
7..	38.62	39.10	39.67	38.26	38.37	38.46	38.75	12.8	13	20.4	22	16.5	15.3	16.7	24.3	12.2	91	98	28	53	74	60	67.3	.....
8..	37.78	38.02	39.70	38.25	38.53	38.99	38.54	15.7	15.5	19	19.5	15.9	13.7	16.6	21.8	12.5	87	77	65	73	84	89	79.2	.....
9..	38.05	38.06	39.17	37.29	37.98	38.26	38.14	12.8	13.1	21.5	24.4	17.1	16	17.5	25	12.2	77	69	38	32	59	69	57.3	.....
10..	37.99	38.52	39.28	37.50	37.90	38.48	38.28	16.7	15.6	21	22.4	17.2	15.5	18.1	24.6	14.2	77	91	61	71	92	84	79.3	.....
11..	37.62	37.60	38.48	36.95	37.32	37.83	37.63	13.8	13.5	20.2	22.5	16.8	15.1	17	23.5	12.3	88	68	65	64	92	83	76.7	.....
12..	36.74	37.30	38.44	36.95	37.50	37.88	37.47	14.9	15.8	22.5	21.6	16.9	15.2	17.8	24.3	13.3	72	36	44	67	93	74	64.3	.....
13..	36.87	37.05	38.33	36.79	37.22	38.05	37.38	15.5	16.4	21.3	23.6	17.4	16.5	18.4	24.8	14.5	46	30	23	57	61	66	47.2	.....
14..	37.58	37.81	38.89	37.15	37.41	37.86	37.78	16.6	16.4	23.4	22.2	18.4	16.8	19	25.2	15.5	69	75	49	61	81	81	69.3	.....
15..	37.81	37.91	39.20	37.74	37.98	38.63	38.21	15.8	15.8	21.8	23	18.3	16.3	18.5	25.5	14.5	79	69	53	66	83	85	72.5	.....
16..	37.93	37.93	39.20	38.13	38.46	39.07	38.45	15.7	15.9	20.2	22.1	17.3	16.1	17.9	23.8	14.7	87	84	65	73	93	93	82.5	.....
17..	38.46	38.62	39.59	37.95	38.18	38.89	38.62	15.9	14.8	21.1	22.9	17.2	15.5	17.9	24.8	14.3	87	94	50	66	90	85	78.7	.....
18..	38.51	38.52	39.36	37.74	37.92	38.41	38.41	14.3	14.6	18.5	22.4	15.9	14.2	16.6	23.3	13.1	74	49	36	60	90	77	64.3	.....
19..	38.40	38.69	39.70	38.32	39	39.37	38.91	14.2	13	19.7	21.9	17.2	14.8	16.8	23.8	12.2	74	75	41	61	76	73	66.7	.....
20..	38.85	38.77	39.40	37.89	38.54	38.78	38.70	14.2	15.3	21	23.2	17.1	15.3	17.7	24.3	13.6	67	54	42	61	67	75	61	.....
21..	38.22	38.36	38.80	37.41	37.58	37.93	38.05	14.6	13.9	22.1	22.9	17.2	15.1	17.6	25	13.4	82	79	42	63	90	93	74.8	.....
22..	37.18	37.53	38.61	36.73	37.08	37.46	37.43	14.2	13.6	18.4	21.9	16.1	14.6	16.5	22.5	12.9	93	91	74	66	93	90	84.5	.....
23..	36.37	36.66	37.99	36.55	36.90	37.27	36.96	14.5	13.7	18.9	20.9	17.2	16.1	16.9	22.4	12.4	55	66	66	66	82	79	69	.....
24..	36.41	36.68	37.84	36.23	36.40	37.20	36.79	14.4	12.8	19.9	22	17.9	15.8	17.1	23.2	12.1	70	75	56	63	59	59	63.7	.....
25..	36.50	36.30	36.99	35.42	35.16	35.42	35.96	15.9	16.7	23	22.1	18.9	18.1	19.1	25.3	14.7	50	38	29	43	67	70	49.5	.....
26..	34.72	34.73	36.21	35.11	34.89	35.83	35.25	18.5	18.5	18	19.2	16.9	16.7	18	19.3	16	74	72	66	53	63	67	65.8	.....
27..	35.47	35.86	37.82	36.59	37.12	37.67	36.76	16.3	16.1	19.2	22.5	17.9	16.7	18.1	25.1	15.6	76	84	68	51	74	64	69.5	.....
28..	37.41	37.51	39.16	37.30	37.61	38.67	37.94	15.3	16.4	22.4	23.3	18.5	16.7	18.8	25	13.9	77	73	54	68	71	78	70.2	.....
29..	38.14	38.15	39.09	37.64	37.90	38.80	38.29	16.3	15.8	22.7	20.8	18.4	16.3	18.4	24.8	14.9	75	83	61	79	77	82	76.2	.....
30..	38.29	38.48	39.49	37.75	37.85	38.93	38.46	15.4	15.9	19.4	18.9	17	15.9	17.1	21.5	15	92	90	81	89	98	94	90.7	0.5
31..	37.98	38.36	39.69	38.01	37.96	38.74	38.46	15	15	21.3	21.4	17.6	16.2	17.8	23.8	14.5	92	89	59	65	81	83	78.2	.....
Mean	37.56	37.79	38.88	37.32	37.59	38.19	37.89	15.1	14.9	20.8	22.2	17.3	15.7	17.7	24.1	13.7	78.1	74.2	52.1	63.1	80.7	79.9	71.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	E	SW	WSW	SE	SE	64.4	38.9	74	74	251.3	0	Ci.	Cu.	7	.....	Cu.-N.
2..	E	E	ESE	SW	S	E	66.2	70.5	61.4	69.5	267.6	0	Ci.	Cu.	4	.....	Cu. E
3..	E	E	ESE	SW	W	SE	65.2	80.8	67	63.1	276.1	0	Ci.	Cu.	7	Ci.-S.	Cu.-N. S
4..	E	E	SE	WSW	SE	E	96.1	115.1	70	88	369.2	1	Ci.-S.	Cu.	6	Ci.	Cu.
5..	E	E	SE	ESE	SE	E	180.5	133	70.5	114.3	498.3	1	Ci.	S.-Cu.	1	Ci.	Cu. NE
6..	E	E	ESE	SW	SE	E	123.6	90.4	63.3	71.8	349.1	0	Ci.	Cu.	5	.....	Cu. E
7..	E	E	ESE	SW	SE	E	123.6	92.5	66.2	79.2	361.5	0	Ci.	Cu.	0	Ci.	Cu.
8..	E	E	SW	SW	SE	E	69.7	58.9	68.6	55.7	252.9	0	Ci.	.....	2	Ci.	Cu. SE
9..	E	E	ESE	SE	E	SE	[a]53.6	.....	[a]70.5	150	274.1	0	Ci.	Cu.	0	Ci.	Cu.
10..	SE	SE	E	SW	S	SE	94.8	127.4	66.3	51.8	340.3	2	Ci.	Cu. E	5	.....	Cu. NE
11..	NE	E	SW	WSW	SE	E	73.7	61	86.6	99	320.3	0	Ci.	Cu.	2	Ci.	Cu. ENE
12..	NE	E	WSW	SW	SE	SE	86.1	75.9	76.9?	133.4	372.3	0	Ci.	S.-Cu.	4	.....	Cu. E
13..	E	E	SE	SW	SE	E	182.4	134.7	63.3	147.8	528.2	0	Ci.	S.-Cu.	7	A.-cu. sbyw	Cu.
14..	E	E	ESE	SW	SE	E	114	72.6	76.9	115.1	378.6	0	Ci.	Cu.	8	.....	Cu.-N. E
15..	E	E	E	SW	SE	E	70.3	80.5	55	170.4	376.2	0	Ci.	Cu.	5	A.-Cu.	Cu. E
16..	E	E	E	SW	SW	E	166.3	117.2	64.6	38.1	386.2	0	.....	S.-Cu.	6	A.-Cu.	Cu. SE
17..	SE	SE	ESE	WSW	SE	E	63.1	112.9	78.4	52.8	307.2	5	.....	Cu.-N.	3	Ci.	Cu. SE
18..	E	E	E	WSW	W	E	135.2	142.2	93.5	77.4	448.3	1	Ci.-S.	Cu.	2	Ci. ESE	Cu. E
19..	E	E	ESE	SW	S	E	123.6	141.6	93	97.2	455.4	0	Ci.	Cu.	1	Ci.	Cu. E
20..	E	ESE	ESE	WSW	E	SE	181.5	126.8	68.2	160.1	536.6	0	Ci.	Cu.	2	Ci.	Cu. SE
21..	E	E	E	SW	S	N	137	89.5	82.7	34.3	343.5	1	Ci.-S.	Cu.	2	Ci.	Cu.
22..	NW	SE	SW	SW	SW	N	71.9	50.7	70.2	48.8	241.6	9	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu. SE
23..	NE	N	WSW	WSW	SE	E	56.6	62.2	81.9	40.4	241.1	0	Ci.-S.	Cu.	0	Ci.	Cu.
24..	W	NE	SW	SW	SW	E	46.7	46.7	84.7	78.4	256.5	0	Ci.	S.	0	Ci.-S.	Cu. SE
25..	NW	W	W	WSW	E	E	46.5	55.7	66.3	105.9	274.4	8	Ci.-S.	Cu.-N.	7	Ci.-S. SE	Cu.
26..	NE	E	E	E	E	E	130.9	318.4	245.9	256.5	951.7	8	Ci.-S.	cu.-N. ENE	8	Ci.-S.	Cu.-N. SE
27..	E	E	E	S	SE	E	225.1	181.6	85.8	184.7	677.2	4	Ci.-S.	Cu.-N.	5	Ci.	Cu. ESE
28..	E	E	SE	SW	E	E	79.9	60.7	63.8	84	288.4	0	Ci.	Cu.	5	.....	Cu. ESE
29..	E	SE	SW	SW	SE	E	84.5	45.3	60.6	94.1	284.5	0	Ci.	Cu.	10	.....	Cu.-N.
30..	N	SE	WSW	SW	S	SE	33.5	33.5	42	75.6	184.6	8	Ci.-S.	Cu.-N.	10	.....	Cu.-N.
31..	E	E	E	SW	SE	SE	101.7	73	86.4	139.8	400.9	8	Ci.-S.	Cu.-N.	9	.....	Cu.-N. E
Mean	.....	.....	.....	.....	.....	.....	101.6	96.3	77.6	98.4	370.8	1.8	.....	.....	4.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]11,494.1	.....	.....	.....	.....	.....	.....

[a] 3 hours missing.

[b] 12 hours missing.

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.59	59.95	60.84	59.40	59.40	60.65	59.97	23.8	22.8	27.7	28	25.5	24.1	25.3	29.8	22	64	68	58	63	73	71	66.2	.....
2..	60.91	61.33	62.31	60.33	60.25	61.30	61.07	23	22.1	23.7	25.8	24	21.5	23.4	27.6	20.8	83	78	72	67	72	75	74.5	0.1
3..	60.45	60.52	61.60	59.13	59.13	60.76	60.26	21.2	23.1	28.4	29.2	26.2	25.2	25.6	31	20.6	74	61	46	54	59	58	58.7	.....
4..	60.22	60.55	61.55	59.46	59.90	61.51	60.53	24.4	24.1	29.5	28.5	26.3	25.2	26.3	30.1	23.3	62	61	51	54	68	63	59.8	.....
5..	61.01	60.59	61.39	59.15	59.35	60.67	60.36	23.9	24	28.4	29	26.8	25	26.2	31.7	21.8	63	63	58	56	55	58	58.8	.....
6..	60.29	60.57	62		59.65	60.25	61.30	60.68	23	22.3	26.8	28.8	26.1	25.6	25.4	31.6	21.5	74	73	58	54	57	53	61.5	.....
7..	60.55	60.84	62.01	59.69	61.10	62.96	61.19	24.5	22	25.3	29.5	24.6	21	24.5	30.5	20	60	71	66	45	49	60	58.5	.....
8..	62.26	62.51	63.82	61.59	62.40	63.81	62.73	19.6	19.5	25.3	26.5	22.6	21.9	22.6	28	18.6	63	63	46	41	46	50	51.5	.....
9..	62.92	62.61	63.51	60.96	61.09	62.75	62.31	21.1	20.9	24.6	26.7	23	22	23	27.7	19	54	54	43	40	49	51	48.5	.....
10..	62.20	61.75	62.40	60.68	60.66	61.70	61.56	21.7	21.6	26.5	27	24.6	23.1	24.1	29.4	20.1	52	52	46	49	62	58	53.2	.....
11..	61.30	61.43	62.50	60.48	60.68	61.87	61.38	21.2	20.2	27.5	27.9	25	23.3	24.2	29.8	18.5	67	69	47	51	67	72	62.2	.....
12..	61.02	60.72	61.64	59.43	59.89	60.82	60.59	20.8	20.5	28	29.1	27	25	25.1	29.7	19.3	82	82	57	59	70	69	69.8	.....
13..	60.30	60.43	61.44	59.71	60.32	61.66	60.64	22.9	22.7	26.5	25.5	22.8	21.5	23.6	27.2	20.6	75	77	64	65	76	76	72.2	.....
14..	61.75	61.77	62.06	59.45	59.82	61.73	61.10	20.8	20.5	24.6	26	24.2	21.5	22.9	26.6	19	75	75	60	62	68	69	68.2	.....
15..	61.18	61.20	62.27	60.53	60.95	61.95	61.35	19.9	19.7	26.8	27.3	24	22.7	23.4	28.7	18	77	75	54	54	71	58	64.8	.....
16..	61.21	61.57	62.32	59.75	59.70	60.89	60.91	21.9	21.7	27.5	27.6	25.3	24.3	24.7	29.6	20.5	62	60	50	57	69	50	58	.....
17..	60.51	60.68	61.32	59.40	59.38	60.38	60.28	24.1	22.5	26	28.3	25	22	24.6	28.9	21.5	49	52	47	52	66	68	55.7	.....
18..	59.60	60.01	61.39	59.07	59	59.94	59.84	22.1	21.8	28	28.3	25	23.7	24.8	30.1	21	60	62	47	54	63	66	58.7	.....
19..	59.85	60.04	60.80	58.86	59.61	61.04	60.03	22.4	21.3	27.5	28.3	24.4	22	24.3	29.4	20.5	71	73	58	58	75	78	68.8	.....
20..	60.91	61.07	61.96	59.32	60.13	61.73	68.85	20.9	20.5	26.1	26.8	25.8	20.9	23.5	28.3	19.4	77	77	54	59	52	70	64.8	.....
21..	60.88	61.06	61.82	59.02	59.53	61.03	60.56	20.5	20.1	26.5	27.3	24.1	22.8	23.6	28.7	17.7	67	63	52	48	51	56	56.2	.....
22..	60.71	61.03	62.80	60.54	60.60	62.32	61.33	21.9	20.8	26.7	27.5	23.7	20	23.4	28.6	18.4	55	58	48	50	62	67	56.7	.....
23..	61.59	61.56	61.78	58.75	59.21	60.92	60.64	18.5	18.5	25.5	29	25.5	23.6	23.4	30.1	17	68	62	48	37	48	52	52.5	.....
24..	60.40	60.44	60.96	58.10	58.50	60.10	59.75	20.3	19.7	26.5	27	25	24	23.8	28.5	18	66	68	52	56	68	54	60.7	.....
25..	59.85	60	60.80	57.95	58.23	59.89	59.45	20.5	19.6	27.5	30.3	25.5	23.5	24.5	30.6	18.5	69	70	44	40	51	53	54.5	.....
26..	59.87	60.18	61.25	59.05	59.28	60.54	60.03	23.2	22.5	27.5	30.2	25.6	23.8	25.5	31.1	20.8	53	56	49	43	50	54	50.8	.....
27..	60 05	60.48	61.32	58.83	59.03	60.92	60.10	21.7	19	25.5	26.3	23.3	20.5	22.7	28	17.6	63	70	52	57	68	72	63.7	.....
28..	60.45	60.46	60.98	58.37	58.22	59.49	59.66	19.9	19	25.3	26.7	23.8	22.5	22.9	28.1	17.9	72	77	52	58	70	74	67.2	.....
29..	58.94	58.85	59.83	57.82	58.35	59.69	58.91	21.8	22.3	26.3	27.5	25.8	25	24.8	29	20.5	71	64	55	53	63	63	61.5	.....
30..	58.99	58.93	59.85	57.65	58.35	59.75	58.92	24	23	27	28.5	26	25.5	25.7	29.4	21.6	65	70	57	57	69	58	62.7	.....
31..	59.34	59.72	60.91	59.21	59.87	60.62	59.94	24.3	23.2	23.6	25.1	23	23.7	23.8	25.8	21.8	56	64	62	60	66	57	60.8	.....
Mean	60.62	60.74	61.66	59.40	59.75	61.12	60.55	21.9	21.3	26.5	27.7	24.8	23.1	24.2	29.1	19.9	66.1	66.7	53.3	53.3	62.4	62.4	60.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	ENE	2	ESE	2	Calm	....	NW	2	NNW	2	Calm	....	1.3	6	Ci.	S.-Cu.SW	9	Ci.-S. SW	Fr.-Cu. SW
2..	NNW	2	N	3	N	4	NNW	5	NNW	3	NNW	3	3.3	10	Ci.-S.	S.-Cu. N	9	Ci.-S.	S.-Cu. SSW
3..	NNW	2	NNW	3	EbyN	4	WNW	3	NE	2	ENE	2	2.7	8	Ci.-S.	Fr.-Cu.SSW	1	Ci.	Fr.-Cu.
4..	ESE	2	ESE	2	ESE	2	NW	3	Calm	....	Calm	....	1.5	8	A.-Cu. WSW	S.-Cu.	6	Ci. SSW	Fr.-Cu.
5..	ENE	2	Calm	....	NW	2	NNW	4	ESE	2	NNW	2	2	2	Ci.	S.-Cu.	2	Ci. SW	Fr.-Cu.
6..	Calm	....	Calm	....	Calm	....	NW	3	E	3	NE	3	1.5	9	Ci.-S.	S.-Cu. NW	8	A.-Cu. SWbyS	S.-Cu. SW
7..	NE	2	NNW	3	N	4	ENE	2	NbyW	3	NbyW	2	2.7	8	A.-Cu. SW	S.-Cu. SW	2	.....	Fr.-Cu.ENE
8..	Calm	....	Calm	....	NNW	3	ENE	5	ENE	3	NE	3	2.3	1	Ci.	S.-Cu.	4	Ci.-Cu. E	Fr.-Cu.
9..	ENE	5	ENE	3	NNE	3	NE	4	E	3	ENE	4	3.7	1	Ci.	S.-Cu.	1	Ci.	Cu.
10..	ENE	2	ENE	2	ENE	3	NW	2	swbyw	2	NE	2	2.2	2	Ci.	S.-Cu.	5	Ci. W	Fr.-Cu.
11..	ENE	2	ENE	2	Calm	....	NW	3	Calm	....	Calm	....	1.2	1	Ci.	S.-Cu.	1	Ci.	Fr.-Cu.
12..	Calm	....	Calm	....	WNW	2	NW	3	Calm	....	Calm	....	.8	1	Ci.	S.-Cu.	2	Ci. S	Fr.-Cu. NW
13..	Calm	....	N	2	NNW	4	NNW	6	N	4	N	4	3.3	9	A.-Cu.	S.-Cu.	8	Ci.-S. N	Fr.-N. N
14..	NbyE	4	N	4	NNE	5	NNW	5	Calm	....	Calm	....	3	2	Ci. NE	Cu. N	0	Ci.	Cu.
15..	Calm	....	Calm	....	NNW	2	NW	3	Calm	....	ENE	2	1.2	1	Ci.	S.-Cu.	2	Ci.	Fr.-Cu.
16..	ENE	2	E	2	N	2	NW	3	Calm	....	ENE	3	2	1	Ci.	S.-Cu.	2	Ci. E	Fr.-Cu.
17..	E	2	E	3	ENE	3	WNW	2	Calm	....	E	2	2	8	A.-Cu. E	S.-Cu.	6	A.-Cu.	Fr.-Cu.
18..	ESE	3	ESE	2	Calm	....	NW	3	NNW	2	Calm	....	1.7	6	A.-Cu. SE	S.-Cu.	1	.....	Fr.-Cu.
19..	Calm	....	Calm	....	NWbyN	2	NNW	4	NNW	3	NNW	2	1.8	2	A.-Cu. ENE	S.-Cu.	1	Ci.	Cu.
20..	N	2	N	2	NNW	3	N	5	NNE	3	NNW	2	2.8	1	.....	Fr.-Cu.	0	.....	Cu.
21..	NNE	2	NNE	2	NNE	2	NNW	3	NE	3	NE	2	2.3	4	A.-Cu. SSE	Fr.-Cu.SSE	0	Ci.	Cu.
22..	ENE	2	ENE	2	NNW	2	NW	3	NbyW	3	NbyW	3	2.5	4	A.-Cu. S	S.-Cu. S	2	Ci.	Fr.-Cu.
23..	NNW	2	NNW	2	NNW	2	ENE	3	NNE	3	NE	2	2.3	1	Ci. E	S.-Cu.	2	Ci.	Cu.
24..	NNW	2	NNW	2	NNW	2	ENE	4	NNW	2	N	2	2.3	4	Ci.	S.-Cu.	4	Ci. WSW	Cu.
25..	NNW	2	NbyW	2	NE	4	NE	4	ENE	3	ENE	4	3.2	1	Ci.	S.-Cu.	4	Ci. SSW	Cu.
26..	NE	3	NE	3	NNE	2	NE	3	ENE	3	NE	3	2.8	1	Ci.	S.-Cu.	5	A.-Cu. SSW	Fr.-Cu.
27..	NNW	2	NNW	2	NNW	2	NNW	5	NNW	3	NbyW	2	2.7	2	.....	S.-Cu.	1	Ci.	Fr.-Cu.
28..	NNW	2	NbyW	2	NNW	2	NNW	4	NbyW	2	Calm	....	2	2	Ci.-S.	S.-Cu.	7	A.-Cu. SW	Fr.-Cu.NW
29..	Calm	....	NNW	2	Calm	....	NW	3	Calm	....	N	2	1.2	8	ci.-s. WSW	s.-cu. WSW	2	Ci.	Fr.-Cu.
30..	Calm	....	Calm	....	NW	2	NNW	4	Calm	....	NE	2	1.3	10	A.-Cu.	S.-Cu.	6	A.-Cu. SSW	Fr.-cu.SSW
31..	N	3	NNW	2	NbyW	3	N	3	NNW	2	NE	3	2.7	10	Ci.-S.	S.-Cu. SW	10	Ci.-S.	S.-Cu. SSW
Mean	.....	1.7	.....	1.8	.....	2.3	.....	3.5	.....	1.9	.....	2	2.2	4.3	.....	.....	3.6	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not a pplied, —1.61 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.83	60.30	61.60	59.75	60.32	60.92	60.45	23.8	23.8	26.5	28.3	22.8	21.8	24.5	30.1	20	55	54	52	49	76	76	60.3	4.8
2..	59.65	60.08	61.80	59.42	59.33	60.26	60.09	22.4	22	25.5	28.5	25.4	23	24.5	29.5	20.5	70	75	73	63	74	84	73.2	.....
3..	59.73	60.06	60.94	58.11	58.23	59.48	59.42	21.5	21	29	29.5	26	24.2	25.2	30.6	20	87	83	55	58	80	88	75.2	.....
4..	58.63	58.68	59.68	57.74	57.82	58.56	58.52	23.3	22	30.2	29.5	26.1	23.5	25.8	31.8	21.1	92	91	56	61	80	87	77.8	.....
5..	58.04	58.39	59.62	57.43	57.70	58.52	58.28	23.2	23.1	27.2	28	25.1	23.5	25	29.9	22.1	87	87	73	70	80	81	79.7	.....
6..	58	58.72	59.89	57.89	58.43	59.19	58.69	22.8	21.3	26.8	27.3	23.6	21.3	23.8	28.7	20.4	78	85	57	61	70	80	71.8	.....
7..	58.25	58.36	59.23	57.36	57.55	59.15	58.32	19.7	19.5	28	28.3	25.8	22.5	24	29.7	18.1	81	79	48	52	50	70	63.3	.....
8..	59.15	59.20	60.69	59.35	59.08	60.75	59.70	21.5	23	27.6	27.8	25.5	23.7	24.8	29.2	19.7	68	53	51	52	69	60	58.8	.....
9..	60.40	60.82	62.16	60.17	60.50	61.56	60.94	23.5	22.6	29.5	28.5	27	25.2	26	30.2	21.1	53	58	45	54	54	49	52.2	.....
10..	60.77	61.21	61.69	59.85	60.51	61.42	60.91	24.7	23.9	26.3	27.3	26.6	23.9	25.4	28.9	22.4	51	57	56	56	64	61	57.5	.....
11..	60.90	61.08	61.98	60.28	59.85	60.50	60.76	22	22.3	28.5	27.7	27.7	27	25.9	30.6	20.5	62	60	52	55	55	49	55.5	.....
12..	60.03	60.09	60.81	58.62	59.21	59.49	59.71	26	25.5	28.7	30.2	27.5	26.5	27.4	31.6	24	50	54	47	43	48	49	48.5	.....
13..	59.32	59.43	60.51	59.26	59.06	59.40	59.50	25.4	25.3	28.8	28.5	26	24.7	26.4	31.3	23.7	56	62	56	62	72	78	64.3	.....
14..	58.82	59.24	59.59	57.80	58.50	59.23	58.86	24.6	24.5	27.7	29.5	26.5	26	26.5	30.6	23.2	75	75	64	60	76	76	71	.....
15..	58.60	59.09	60.45	58.34	58.51	60.25	59.21	25.1	24	25.5	27.7	25.5	24.1	25.3	28.6	22.8	79	81	80	68	76	68	75.3	.5
16..	60.06	60.34	62.04	59.54	60.04	61.48	60.58	22.7	22.6	26.8	31.5	27.1	25.4	26	32.2	21.7	72	70	57	43	52	54	58	.....
17..	61	61.46	63.34	61.56	61.56	63.35	62.04	25.3	24	26.6	23.1	24	22.2	24.2	27.8	21	52	56	52	68	61	64	58.8	.....
18..	62.58	62.56	63.40	60.99	61.09	62.93	62.26	20.5	20.3	24	26.8	23	21	22.6	27.2	18.6	67	66	56	52	59	55	59.2	.....
19..	62.17	61.88	62.45	60.73	61	62.23	61.74	20.2	19.4	26.5	27.5	23.5	22.3	23.2	29.3	18	59	63	41	48	54	54	53.2	.....
20..	61.88	62.12	63.33	61.15	60.89	62.15	61.92	21	20.5	23.7	26	23.4	22	22.8	28.1	19.3	63	67	54	52	64	62	60.3	.....
21..	61.26	61.92	63.34	60.83	60.85	62.52	61.79	21.5	21.5	26.6	28	25	22.4	24.2	29.2	20	60	61	48	54	62	65	58.3	.....
22..	62.10	62.96	63.44	60.90	60.80	61.95	62.02	20.5	20.1	26.6	27.9	25.7	24	24.1	29.6	18.8	71	73	57	54	60	53	61.3	.....
23..	61.57	62.01	63.05	60.66	60.96	62.60	61.81	23.3	22.5	27.9	28.5	25.5	23.8	25.2	30.2	21.5	47	49	42	45	59	54	49.3	.....
24..	62.47	63.12	63.83	61.56	61.91	62.85	62.62	22.4	21.5	28	28.3	25.8	23	24.8	30.3	20.4	53	56	42	49	60	61	53.5	.....
25..	62.53	62.57	63.33	61.15	61.30	62.39	62.21	22.5	21.3	29	29.2	25.8	23.2	25.2	30.9	20.4	58	61	41	46	60	68	55.7	.....
26..	61.23	61.70	62.35	60.42	60.75	61.66	61.35	22	22	29.8	30.3	26.5	24.8	25.9	31	20.7	71	68	50	50	74	78	65.2	.....
27..	61.06	61.17	62.66	60.98	61.30	61.70	61.48	23.8	22.3	28.5	29.5	26.2	25	25.9	30.6	21	81	82	60	61	79	80	73.8	.....
28..	61.32	61.41	62.05	60.14	60.55	61.18	61.11	23.3	22.3	29.8	28.5	27	25.5	26.1	30.5	21.6	84	84	61	67	70	68	72.3	.....
Mean	60.41	60.71	61.76	59.71	59.91	60.99	60.58	22.8	22.3	27.5	28.3	25.6	23.8	25	29.9	20.8	67.2	68.2	54.5	55.5	65.6	66.9	63	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.3

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	NE	3	NE	2	ENE	3	ENE	2	NE	3	NNE	2	2.5	10	Ci.-S. SW	S.-Cu. SW	10	Ci.-S.	S.-Cu. W
2..	Calm	....	Calm	....	NNW	2	WSW	3	WNW	2	Calm	....	1.2	8	A.-Cu. S	S.-Cu. SSW	3	Ci.-S.	Fr.-Cu.
3..	Calm	....	Calm	....	Calm	....	NW	2	NW	2	Calm	....	.7	2	Ci.	S.-Cu.	1	Ci.	Cu.
4..	Calm	....	Calm	....	Calm	....	W	2	NW	2	NW	2	1	1	Ci.	S.-Cu.	1	Ci.	Cu.
5..	Calm	....	Calm	....	NNW	2	NW	4	NNW	3	NW	3	2	9	A.-Cu.	Fr.-Cu. WNW	1	Ci. NW	Fr.-Cu. NW
6..	NNW	2	NNW	2	NbyW	3	NW	3	NNW	3	NNW	2	2.5	4	.....	Fr.-Cu. W	1	Ci.	Cu. NW
7..	NNW	2	NNW	2	NE	3	NNW	5	NNW	2	Calm	....	2.3	0	.....	S.-Cu.	2	.....	Fr.-Cu.SW
8..	NE	2	NE	3	NNE	3	NW	3	Calm	....	NNW	2	2.2	1	A.-Cu. NW	S.-Cu.	3	Ci.	Fr.-Cu. NW
9..	NNW	3	NNE	3	NbyW	2	NNW	4	E	2	NE	3	2.8	2	Ci. S	S.-Cu.	3	Ci.	Fr.-Cu.
10..	NE	5	E	2	Calm	....	NNW	3	Calm	....	E	3	2.2	4	Ci.	S.-Cu.	8	Ci.-S. SW	Fr.-Cu.
11..	E	2	E	2	NW	2	NW	2	Calm	....	NE	3	1.8	6	Ci.-Cu.SSW	S.-Cu. E	8	A.-Cu. SSW	S.-Cu. SW
12..	NE	3	N	2	NE	3	ESE	5	ENE	5	NE	3	3.5	9	Ci.-S.	S.-Cu.SSW	8	Ci.-S. SSW	Fr.-Cu.SSW
13..	N	3	Calm	....	Calm	....	WSW	2	NW	2	Calm	....	1.2	10	Ci.-S.	S.-Cu. SSW	8	Ci.-S.	Fr.-Cu. S
14..	SW	1	Calm	....	WSW	2	WSW	2	WNW	2	Calm	....	1.2	7	Ci.-S.	S.-Cu.	6	A.-Cu. W	Cu.-N. NW
15..	Calm	....	Calm	....	NNE	2	NNW	5	NNW	3	N	3	2.2	6	A.-Cu. SbyW	S.-Cu. SSW	6	Ci.-S. N	Cu.-N.NNW
16..	NbyW	2	NbyW	3	NNW	2	N	2	NNE	3	NE	3	2.5	10	.....	S.-Cu. S	8	A.-Cu. SW	Fr.-Cu. SW
17..	NE	3	N	2	NNW	2	N	2	NNW	2	NNW	3	2.3	9	A.-Cu. SW	Fr.-Cu.SW	10	Ci.-S.	S.-Cu.
18..	N	2	N	2	NNW	3	N	5	NNW	3	NNW	3	3	6	Ci.-S. SW	S.-Cu. SW	2	Ci.	Fr.-Cu.ENE
19..	NbyW	2	NbyW	2	NE	2	NW	2	E	3	ENE	3	2.3	7	Ci.-S.	Fr.-Cu.SSW	7	Ci.-S. SW	Cu.-N. SW
20..	Calm	....	Calm	....	NNE	2	NWbyW	3	NNW	2	SSW	2	1.5	10	Ci.-S.	Fr.-Cu.	9	A.-Cu. NW	Fr.-Cu. NW
21..	ENE	2	ENE	2	E	2	WNW	3	NW	2	NW	2	2.2	10	Ci.-S. W	Fr.-Cu.WSW	4	Ci. SW	Fr.-Cu. NNE
22..	ENE	2	E	2	NW	2	NNW	4	NNW	2	NE	3	2.5	2	Ci.	S.-Cu.	1	Ci.	Fr.-Cu. NNW
23..	ENE	3	ENE	3	E	3	NW	3	NNW	1	NE	2	2.5	5	A.-Cu. S	S.-Cu.	1	Ci.	Fr.-Cu.
24..	NE	3	ESE	3	NbyW	2	NW	3	Calm	....	ENE	2	2.2	0	.....	S.-Cu.	2	.....	Fr.-Cu.
25..	ENE	3	ENE	2	SE	2	NW	3	NNW	2	Calm	....	2	1	Ci.	S.-Cu.	1	Ci.	Fr.-Cu.
26..	Calm	....	ENE	2	Calm	....	NW	3	NNW	2	Calm	....	1.2	1	Ci. SW	S.-Cu.	1	Ci.	Fr.-Cu.
27..	ENE	2	Calm	....	SW	2	WSW	3	NW	1	SW	2	1.7	0	Ci.	S.-Cu.	1	.....	Cu.
28..	ENE	2	ENE	2	NW	2	NW	3	WSW	2	Calm	....	1.8	1	.....	Cu.	8	Ci.-S. NW	Cu.-N. NW
Mean	.....	1.9	.....	1.5	.....	1.9	.....	3.1	.....	2	.....	1.8	2	5	.....	.....	4.4	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.06	61.17	61.81	60.20	60.51	61.28	61	23	22.3	28.7	29.5	26.5	24.4	25.7	30.1	21.5	74	74	59	57	76	72	68.7	.....
2..	61.04	61.43	62.34	60.14	60.50	62.56	61.34	22.3	21.6	30.5	33.7	28	26	27	34.6	20.9	83	86	53	40	54	56	62	.....
3..	63.45	63.46	64.07	61.89	61.88	62.93	62.95	25.1	24.4	30.5	29.8	27.8	25.3	27.2	31.2	23	56	59	44	49	60	62	55	.....
4..	62.04	62.59	63.50	61.42	61.56	62.36	62.24	25	23.5	29.5	29.6	25.6	24.2	26.2	30.6	22.6	57	65	49	50	71	74	61	.....
5..	61.59	61.82	62.84	60.64	60.94	62.04	61.64	23.2	23.4	29.8	30.7	26.9	25	26.5	31.7	21.8	71	66	49	51	72	80	64.8	.....
6..	61.35	61.56	62.40	60.45	60.44	61.23	61.24	23.3	23.3	28.5	29.5	26.4	24.8	26	30	22.5	67	64	67	58	76	67	66.5	.....
7..	61.21	61.57	61.70	59.79	59.70	60.70	60.78	23.5	22.5	28.7	29.3	27.2	25.6	26.1	30.3	21.7	68	69	57	55	65	59	62.2	.....
8..	60.22	60.55	61.34	58.88	58.94	59.81	59.96	23.9	23.2	28.8	29	26.3	24.3	25.9	30.1	21.9	64	64	60	61	70	78	66.2	.....
9..	58.99	59.02	59.85	57.94	57.96	58.86	58.77	22.8	21.6	30.5	30.5	27.5	26	26.5	31.4	21	82	81	52	60	70	80	70.8	.....
10..	58.11	58.16	59.45	57.83	58.77	59.69	58.67	25.1	24.5	30.5	30.5	21.5	23	25.8	31.7	19.8	80	75	53	56	76	79	69.8	53.8
11..	58.87	59.14	60	58.63	58.84	59.95	59.24	22.1	22.5	29.5	29.6	27.3	26.3	26.2	30.2	21.1	81	74	58	63	64	56	66	.....
12..	59.16	59.64	60.56	58.28	58.45	59.50	59.26	23.7	22.8	28.2	29.3	27	26.5	26.2	30	21.6	69	72	59	59	73	62	65.7	.....
13..	58.50	58.57	59.78	58.35	58.42	59.47	58.85	25.3	23	29.8	28.5	26.7	25	26.4	31	22.1	69	79	63	64	75	77	71.2	.....
14..	59.04	59.27	60.04	58.43	58.67	59.99	59.24	24.8	24.3	29	30	25.8	23	26.2	31.1	21.6	75	71	61	62	74	80	70.5	.....
15..	59.09	59.24	60.23	59.19	59.62	61.06	59.74	21.9	21.1	26.8	26.5	23.3	22	23.6	28.1	20	79	80	55	64	72	71	70.2	.....
16..	60.53	60.61	61.56	59.81	59.89	60.67	60.51	20.5	20	27	27.5	24.1	22.6	23.6	28.5	19	80	81	59	56	71	74	70.2	.....
17..	60.57	60.68	61.85	60.51	60.64	61.55	60.97	22.5	22.5	27.2	29	26.5	24.5	25.4	30.1	21.7	66	66	58	58	68	76	65.3	.....
18..	61.07	61.59	62.81	60.95	61.13	62.09	61.61	24	23.5	29	29.5	26	23.7	26	30.8	22.3	72	65	52	58	72	76	65.8	.....
19..	61.22	61.52	62.61	60.82	60.45	61.26	61.31	22	21.3	29	29.5	26.3	23.2	25.2	30.1	19.8	78	75	55	57	70	78	68.8	.....
20..	60.24	60.21	60.79	59.63	59.83	60.49	60.20	21.9	21.2	28.1	29	25.8	23.7	25	29.9	19.5	80	76	58	59	67	74	69	.....
21..	59.62	59.70	59.70	58.53	58.34	59.42	59.22	22.5	21.6	28.3	29.3	25.3	23	25	30	20.2	77	75	64	61	74	84	72.5	.....
22..	58.89	59.69	60.56	58.18	58.11	59.13	59.09	22.3	20.9	29.9	30.3	28	24.5	26	30.7	20	83	83	55	55	59	83	69.7	.....
23..	58.81	59.11	59.81	57.38	57.24	58.37	58.45	24	23.9	28.3	29.5	26.8	25.3	26.3	30.4	23	70	76	65	60	74	84	71.5	.....
24..	57.68	57.63	58.70	57.21	57.05	58.42	57.78	23.9	23.6	29	30.3	27.6	26.2	26.8	31.6	22.7	81	80	61	59	70	76	71.2	.....
25..	58.26	58.02	59.58	58.23	58.01	58.87	58.50	25.2	24.5	29.7	31.3	27.8	26	27.4	31.6	23.3	78	75	62	58	71	76	70	.....
26..	58.72	59.48	60.63	58.70	58.58	59.83	59.32	24.6	23.3	30	29.5	26.8	25.5	26.6	31.1	22	76	75	63	64	71	80	71.5	.....
27..	59.38	60	60.89	58.67	58.78	60.40	59.69	24	23.5	30	31	29	26.3	27.3	31.7	22.5	84	77	65	61	61	70	69.7	.....
28..	59.42	59.51	60.32	58.50	58.38	59.91	59.34	25.9	24.2	29.9	29.3	27.5	25.7	27.1	31.9	23.6	67	78	60	68	77	77	71.2	.....
29..	59.57	59.77	60.53	58.47	58.60	60.05	59.50	25.4	25	29	30.3	27.5	26.2	27.2	32	24.3	79	80	66	60	70	78	72.2	.....
30..	59.55	59.50	59.72	57.53	57.72	59.60	58.94	24.9	24	30.5	32.5	29	28.5	28.2	33.6	23.5	84	79	58	51	69	58	66.5	.....
31..	59.50	59.69	60.39	58.50	59.55	60.50	59.69	27.4	26	30.5	30.7	28	26.1	28.1	31.4	25.4	57	64	56	61	65	65	61.3	.....
Mean	59.90	60.13	60.98	59.15	59.27	60.39	59.97	23.7	23	29.2	29.8	26.6	24.9	26.2	30.9	21.8	73.8	73.7	57.9	57.9	69.6	73	67.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	ENE	ENE	NNW	NW	NNW	NWbyW	.....	.....	.....	.....	.....	1	.....	S.-Cu.	1	.....	Fr.-Cu. NW
2..	Calm	Calm	WSW	ESE	NW	ENE	.....	.....	.....	.....	.....	1	Ci.-S.	Cu.	1	Ci.	Fr.-Cu.
3..	NE	NE	SbyW	WNW	WNW	Calm	.....	.....	.....	.....	.....	1	Ci.	Cu.	1	Ci.	Fr.-Cu.
4..	Calm	Calm	NNW	NNW	NNW	Calm	.....	.....	.....	.....	.....	1	Ci.	Cu.	1	Ci.	Cu.
5..	Calm	SSE	Calm	WNW	WNW	Calm	.....	.....	.....	.....	.....	1	Ci.	S.-Cu.	1	Ci.	Fr.-Cu.
6..	ENE	E	NW	WNW	WbyN	NE	.....	.....	100.9	37	.....	1	Ci.	S.-Cu.	1	Ci.-S. NW	Fr.-Cu. NW
7..	E	NE	NW	NW	Calm	NE	41.2	56.3	99.5	26.2	223.2	1	Ci.	Cu.	1	Ci.	Cu.
8..	Calm	ESE	NW	NW	NWbyN	Calm	32.4	59.2	112.7	15.3	219.6	1	Ci.	Cu.	0	.....	Cu.
9..	Calm	N	S	WSW	NNW	Calm	19.8	53.9	80.3	31.9	185.9	1	Ci.	Cu.	4	Ci.-S.	Fr.-Cu.
10..	NNW	S	SSW	SW	SSW	NE	38.1	73	103.3	42.8	257.2	1	.....	S.-Cu.	4	Ci.-S. W	Cu.
11..	Calm	Calm	WNW	NNW	SE	NNW	26.6	44.3	124.5	74.5	269.9	1	.....	S.-Cu.	3	Ci.-S.	Cu.
12..	Calm	Calm	NW	NNW	Calm	Calm	25.1	62.3	122.9	31.6	241.9	2	Ci.-S.	S.-Cu.	2	Ci.	Fr.-Cu.
13..	Calm	Calm	Calm	WNW	Calm	NW	20.4	44.5	58.7	28	151.6	8	A.-Cu.	S.-Cu.	8	Ci.-S.	Cu.-N. NW
14..	Calm	Calm	W	NNW	NWbyN	NNW	22.7	41.8	108.9	135.4	308.8	9	Ci.-S. ssw	S.-Cu.ssw	2	.....	Cu.-N.
15..	NNW	NNW	NW	NNW	NNW	NNW	76.9	127.3	250.4	141.9	596.5	0	.....	Cu.	2	Ci.-S. NNW	Cu. NNW
16..	NbyE	NbyE	NNW	NNW	NbyW	NNW	52.6	54.4	133.1	44	284.1	2	.....	S.-Cu.	1	.....	Cu.
17..	ESE	ESE	SSW	W	NNW	Calm	75.4	66.3	73.5	13.4	232.6	4	Ci.-S. ssw	S.-Cu.ssw	1	.....	Cu.
18..	ENE	ESE	WSW	WNW	NNW	NNW	37	45.1	88.7	33	203.8	2	Ci.-S.	S.-Cu.ssw	1	.....	Cu.
19..	NNW	NE	NWbyN	WNW	NNW	NNW	24.3	42.4	98.7	45.7	211.1	0	.....	Cu.	1	.....	Cu.
20..	Calm	Calm	NW	NW	NWbyN	NNW	40.2	52.3	96.6	67.4	256.5	0	Ci.	Cu.	1	Ci.	Cu. W
21..	Calm	SW	WNW	NW	NNW	NNW	41.5	48.3	142.4	76.4	308.6	1	Ci.-S.	Cu.	1	.....	Cu.
22..	NNW	Calm	NW	NW	NWbyN	SW	28.7	36.4	95.5	28.2	188.8	0	.....	Cu.	0	.....	Cu.
23..	SW	SSW	WSW	WNW	Calm	Calm	53.1	74	65.4	3.7	196.2	4	Ci.-S.	s.-cu. ssw	1	.....	Cu.
24..	Calm	SW	WbyS	WSW	SW	SW	21.9	53.1	78.3	44.8	198.1	2	.....	Cu. ssw	1	.....	Cu.
25..	Calm	SW	swbys	WSW	SSW	SSW	28.8	48.9	78.9	33.6	190.2	1	.....	s.-cu. ssw	2	Ci.	Fr.-cu. SW
26..	Calm	Calm	NWbyN	NNW	NNW	Calm	10	65.7	136.3	23.5	235.5	1	Ci.	Cu.	2	.....	Fr.-Cu. NW
27..	Calm	NWbyN	NW	NW	Calm	SSW	18.7	62.8	85	30.3	196.8	2	Ci.-S.	S.-Cu.	2	Ci.	Cu.
28..	SSW	S	WSW	W	NNW	Calm	29	47.3	77.4	[a]22.3	176	0	Ci.	S.-Cu.	4	Ci.	Fr.-cu.WNW
29..	Calm	Calm	WNW	NW	NNW	NNW	.....	.....	100.1	55.7	.....	8	Ci.	S.-Cu. sw	7	A.-Cu. S	Cu.
30..	NW	NbyW	Calm	NW	SSW	NE	79.4	69.8	81.6	58.1	288.9	2	.....	S.-Cu.	4	Ci.	Fr.-Cu. NW
31..	NE	Calm	NW	NWbyN	NNW	NNW	69.4	82.4	144.6	48.8	345.2	4	A.-cu. ssw	S.-Cu.	1	Ci.	Fr.-Cu.
Mean	.....	.....	.....	.....	.....	.....	38.2	58.8	105.3	45.9	248.6	2	.....	.....	2	.....	.....

[a] 3 hours missing.

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.52	59.66	60.34	58.34	59.08	59.55	59.42	25.5	24.3	30	30.2	27.8	24.5	27	31.6	23.6	69	76	63	64	59	73	67.3	0.8
2..	58.76	59.27	59.78	57.90	58.34	58.82	58.81	25	24.2	29.3	30.5	27.7	26.2	27.2	31.1	23.6	71	74	64	60	70	75	69	.....
3..	58.26	58.62	59	57.53	57.45	58.31	58.20	25.2	23.6	29.9	30.3	28.4	26.7	27.4	31.1	23.1	71	82	58	62	69	74	69.3	.....
4..	58.25	58.72	59.50	58.23	58.40	58.92	58.67	26.4	26	30.8	30.2	27.5	26	27.8	32.1	24.1	68	64	50	62	70	78	65.3	.....
5..	58.42	58.86	59.92	58.28	58.09	58.75	58.72	25	24.8	30	30.3	27.3	26	27.2	31.6	23.5	79	73	60	60	75	80	71.2	.....
6..	58	58.23	58.95	56.99	57.15	58.26	57.93	24.9	25	30	31.2	27.8	25.7	27.4	32.2	23.6	82	82	59	54	70	80	71.2	.....
7..	57.82	57.82	58.80	56.38	56.02	58.12	57.49	24.3	23.6	30.3	30.8	28.3	25.7	27.2	32	23	84	85	62	63	70	75	73.2	.....
8..	57.72	57.53	58.48	56.98	57.22	58.42	57.72	24.5	23.4	31.5	32	28	25.7	27.5	32.7	22.3	76	81	51	49	63	75	65.8	.....
9..	57.90	58.08	58.83	57.40	57.52	58.55	58.05	25	24.4	31	31.3	28	25.6	27.6	32.5	23.7	79	78	62	61	68	78	71	.....
10..	58.08	58.92	60.07	57.77	57.43	59.39	58.61	24.2	24	29.5	31.3	27.8	26.1	27.2	32.1	22.8	78	79	64	58	71	79	71.5	.....
11..	58.55	58.49	59.24	56.73	56.27	58.05	57.89	25.7	25.3	30.9	31.2	28.6	26.6	28	33.6	24.6	77	78	58	61	70	84	71.3	.....
12..	56.87	56.85	57.84	56.43	55.94	56.67	56.77	25.3	24.3	31	30.7	27.5	26	27.5	32.6	23.5	85	85	53	66	73	80	73.7	.....
13..	56.06	56.02	56.96	54.99	54.98	56.51	55.92	25.6	24	31	31.4	27.4	25.6	27.5	32.1	23.3	75	83	50	55	74	85	70.3	.....
14..	56.60	57.12	57.91	56.20	56.52	58.20	57.09	24.2	23	29.2	27.8	25.7	24.6	25.8	30.5	22.3	79	84	62	67	74	79	74.2	.....
15..	57.88	57.82	58.44	56.45	56.46	57.90	57.49	23.5	22.1	29.4	30.2	27	24.8	26.2	31.5	21.6	83	87	59	56	73	84	73.7	.....
16..	57.72	58.33	59.47	57.39	57.64	58.70	58.21	23.8	23.2	28.5	30.6	26.1	24.4	26.1	31.6	22.8	81	82	60	52	72	83	71.7	.....
17..	58.38	58.96	59.83	57.83	58.40	59.58	58.83	23.6	23.4	30	30.8	27	25.9	26.8	32.3	22.7	85	84	59	56	70	72	71	.....
18..	59.12	59.61	60.58	59.05	59.75	60.71	59.80	25.8	26.1	31.3	30.8	27.5	26.1	27.9	32.2	25	70	65	51	62	76	83	67.8	.....
19..	60.14	60.67	61.25	59.46	60.02	60.93	60.41	25.4	25	31.5	30.6	27.8	26.4	27.8	32.5	24.4	80	80	59	66	76	84	74.2	.....
20..	60.01	60.74	61.55	59.23	59.62	60.28	60.24	25.5	25.2	29.5	31.2	27.9	26.3	27.6	32.2	24.5	82	74	68	61	77	82	74	.....
21..	59.61	59.80	60.44	58.98	59.38	59.74	59.66	25	25.4	30.1	30.9	28	26.3	27.6	31.4	24	83	73	62	56	70	79	70.5	.....
22..	59	58.87	59.94	58.17	58.73	59.44	59.02	24.7	24	32	31.6	28.8	26.6	28	32.7	23.4	83	83	52	59	72	68	69.5	.....
23..	58.63	58.90	59.98	58.48	58.69	60.37	59.18	25.7	24.7	31.4	31.4	28.2	26.9	28	32.3	24.1	75	80	60	63	77	83	73	.....
24..	59.84	60.28	60.68	59.23	59.64	60.87	60.09	25.9	25.5	31.6	31.6	28.5	27.2	28.4	33.4	24.9	87	80	53	59	75	83	72.8	.....
25..	60.11	60.60	60.63	59.29	59.13	60.25	60	26.1	25.5	31.9	32.1	28.9	26.4	28.5	33.7	25	84	84	56	57	65	79	70.8	.....
26..	58.87	58.80	59.84	57.88	58.57	58.93	58.82	25.5	24.8	31.2	31.8	27.5	25.3	27.7	33.4	24.2	82	83	58	59	57	72	68.5	.....
27..	58.29	58.32	58.48	56.41	57.38	58.30	57.86	24.6	24.2	33.3	31.9	29	25.9	28.2	34.1	23.5	78	81	51	55	70	69	67.3	.....
28..	57.80	57.92	58.19	56.48	57.24	58.78	57.74	25	24.3	31.8	32.4	30.1	27.5	28.5	34	23.7	75	75	49	49	67	81	66	.....
29..	58.41	58.56	59.33	57.98	58.08	59.30	58.61	25.6	25.1	31.8	32.7	29.8	27	28.7	33.7	24.5	76	75	60	59	63	80	68.8	.....
30..	58.50	58.63	59.48	57.91	58.04	59.39	58.66	25.8	25	31	32.6	29.8	27.6	28.6	33.3	24.2	78	80	62	59	69	83	71.8	.....
Mean	58.44	58.70	59.46	57.68	57.91	59	58.53	25.1	24.4	30.7	31.1	28	26.1	27.6	32.4	23.6	78.5	79	57.8	59	70.2	78.7	70.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNW	Calm	NW	NW	ENE	SE	53.4	49.3	88.9	34.6	226.2	1	Ci.-S.	S.-Cu.	2	Ci.-S. NW	Cu.
2..	SE	ENE	NW	NW	NW	NW	63.3	61	110.4	22.5	257.2	2	Ci.-S.	S.-Cu.	3	Ci.-S. NW	Fr.-Cu. NW
3..	Calm	Calm	NW	NW	SW	SW	23.3	54.2	77.7	25.2	180.4	1	.....	S.-Cu.	1	Ci.-S. NW	Cu.
4..	Calm	SE	W	NW	NW	Calm	33	50.5	110.5	27.6	221.6	2	Ci.-S. S	S.-Cu. S	1	Ci.	Cu. NW
5..	Calm	ESE	WSW	WNW	NNW	Calm	29.5	72.1	110.5	40.4	252.5	3	Ci.	S.-Cu.	1	.....	Cu.
6..	Calm	Calm	SW	SW	WNW	Calm	22.3	64.9	76.9	31.1	195.2	4	Ci.-S.	cu.-N. SSW	1	.....	Fr.-Cu.
7..	Calm	Calm	SW	WNW	NW	NbyW	15.6	59.3	72.1	38.1	185.1	1	Ci.-S.	S.-Cu.	2	Ci.	Fr.-Cu. WSW
8..	Calm	Calm	NW	NW	NWbyN	NW	27.2	48.5	111.2	42	228.9	1	Ci.	S.-Cu.	1	.....	Cu.
9..	NWbyN	Calm	WSW	WNW	NW	Calm	20.4	40.4	93.9	17.5	172.2	3	Ci.-S. SW	S.-Cu.	1	Ci.-S. W	Cu.
10..	Calm	Calm	NW	NWbyN	NNW	NW	9.5	67.1	139.4	48.6	264.6	5	Ci.-S.	S.-Cu. SW	1	Ci.	Cu.
11..	Calm	Calm	NW	NW	NNW	Calm	51.5	56.3	147.6	23.3	278.7	5	A.-Cu. E	S.-Cu.	1	Ci.	Cu.
12..	Calm	Calm	SSW	SW	NW	Calm	10.3	55.8	74.8	22.7	163.6	3	Ci.	S.-Cu.	4	.....	Cu.-N. SW
13..	NNW	NbyW	NW	NW	NNW	Calm	35.2	38.1	143.4	40.8	257.5	5	A.-Cu.	S.-Cu.	1	Ci.	.....
14..	NNW	NNW	N	NNW	NbyW	NNW	53.3	120.2	215.6	156.9	546	1	Ci.	S.-Cu.	1	.....	Cu.
15..	N	NNW	NW	NNW	NNW	Calm	59	68.6	105.2	23.3	256.1	1	Ci.	.....	1	.....	Cu.
16..	Calm	Calm	NW	NW	NNW	NW	7.8	48.1	102.4	40	198.3	5	A.-Cu. SW	S.-Cu.	1	.....	Cu.
17..	Calm	Calm	SW	WSW	NNW	Calm	11.1	58.7	80.8	19.8	170.4	2	.....	S.-Cu.	1	.....	Cu.
18..	E	Calm	SSW	NW	NW	NW	56.6	62.2	88.2	48	255	8	Ci.-S.	S.-Cu. SW	1	.....	Cu.
19..	Calm	Calm	SW	NW	NW	Calm	24.9	63.1	101.2	11.9	201.1	1	A.-Cu.	.....	2	Ci.-S.	Cu.
20..	W	Calm	SW	W	NW	Calm	28.5	74.3	76.2	22.7	201.7	0	Ci.	Cu.	1	.....	Cu.
21..	Calm	SE	W	W	NW	Calm	32.7	71.4	74.3	8.2	186.6	1	Ci.	Cu.	1	.....	Cu.
22..	Calm	Calm	W	W	WNW	E	6.6	44.3	70.8	45.1	166.8	1	Ci.	.....	1	.....	Cu.
23..	Calm	Calm	NW	WNW	NW	Calm	20.6	58.4	117.7	21.4	218.1	4	Ci.	S.-Cu.	2	Ci.	Cu.
24..	Calm	E	W	NW	NW	Calm	21.2	65.2	91.4	14.3	192.1	1	Ci.	S.-Cu.	2	Ci.	Cu.
25..	Calm	Calm	NW	NW	Calm	Calm	7.4	38.1	56.8	11.1	113.4	5	A.-Cu.	S.-Cu.	4	Ci.-S.	Cu. NNW
26..	Calm	ENE	NW	NW	N	NE	26	41.8	108.3	30.3	206.4	1	.....	Cu.	2	Ci.	Cu.
27..	NE	ENE	W	NW	NW	Calm	44.3	58.4	115.4	40.5	258.6	7	A.-Cu.	Cu.	2	Ci.	Cu.
28..	N	NE	NW	NW	NW	NW	41.3	52.9	82.4	30.3	206.9	1	Ci.	Cu.	1	Ci.-S.	Cu.
29..	Calm	NE	WNW	NW	N	NNW	31.9	39.1	105.2	41.2	217.4	1	Ci.	Cu.	2	Ci.	Cu. N
30..	Calm	E	SSW	W	WNW	Calm	30	86.6	78.4	18.2	213.2	0	.....	.....	1	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	29.9	59	100.9	33.3	223.1	2.5	.....	.....	1.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,691.8	.....	.....	.....	.....	.....	.....

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.79	58.93	59.15	57.61	57.23	58.33	58.34	25.8	25.5	31.7	31.7	29	27.3	28.5	33.5	25.1	84	80	58	62	77	83	74	.....
2..	57.56	57.91	58.57	56.64	56.78	57.77	57.54	27.1	26.4	32	32	29.1	26.8	28.9	33	25.9	77	80	57	61	71	72	69.7	.....
3..	57.42	58.15	58.98	57.16	57.83	59	58.09	26.5	25.5	32	32.1	29	26.7	28.6	33.2	24.9	75	78	57	59	73	74	69.3	.....
4..	58.24	59	59.41	57.78	58.86	60.22	58.92	26.1	25.7	33.5	32.8	29.8	27.3	29.2	34.1	25	78	78	50	54	72	82	69	.....
5..	58.91	59.01	59.16	57.83	58.36	58.89	58.69	25.7	25	33.1	33	30.4	28.4	29.3	34.4	24	84	83	50	54	61	68	66.7	.....
6..	57.68	58.01	58.72	57.06	57.83	58.80	58.02	27.4	26.3	34.5	31.7	29	27.4	29.4	35.2	25.9	66	68	39	62	67	77	63.2	.....
7..	57.86	57.87	58.51	56.25	56.69	57.79	57.50	26.8	26.7	32	32.5	29.5	26.6	29	34	26	77	77	54	53	67	80	68	.....
8..	56.37	56.40	57.32	55.28	55.59	56.88	56.31	25.7	26	31.6	31.8	29.5	27.7	28.7	33.2	25	80	76	62	61	69	81	71.5	.....
9..	55.92	55.85	56.63	55.53	56.51	58.49	56.49	26.4	26.3	32	33.3	29.5	28.2	29.3	33.8	25.5	80	79	55	57	72	80	70.5	.....
10..	56.90	57.25	58.43	56.80	57.54	58.85	57.63	26.8	26.2	32.5	33	29.7	27.2	29.2	33.8	25	78	79	57	55	64	77	68.3	.....
11..	57.44	58.47	59.04	57.32	57.95	58.75	58.16	26.7	25.6	32.5	33.7	30.6	27.3	29.4	33.9	25	76	79	55	50	59	69	64.7	.....
12..	57.66	58.27	58.93	57.60	57.68	58.45	58.10	26.2	26	32.2	32.8	30	28	29.2	34	25.2	74	74	58	56	69	77	68	.....
13..	58.20	58.27	58.61	56.76	56.99	58.67	57.92	26.4	26	33	33.1	30.8	28.6	29.6	34.4	25.3	80	80	55	57	73	82	71.2	.....
14..	58.41	58.75	59.41	57.87	58.82	59.85	58.85	27.5	26.9	32.2	33.2	29.7	28.2	29.6	34	26.3	85	74	62	59	76	77	72.2	.....
15..	58.85	59.58	59.46	57.80	58.36	59.33	58.90	27	27.5	32.9	33.4	25.6	26	28.7	34.5	24.5	73	70	52	58	87	87	71.2	12.4
16..	58.19	58.47	58.62	56.43	56.27	57.19	57.53	25.9	25.6	32	32.5	30.5	28.8	29.2	33.8	24.6	84	84	60	60	69	79	72.7	.....
17..	56.48	56.68	57.58	56.22	56.77	58.47	57.03	27.5	27.3	31.9	33.2	30	24.9	29.1	34	24	84	82	58	58	71	87	73.3	43.2
18..	56.60	57.12	57.89	56.73	56.69	58.53	57.26	25.5	25.5	31.2	31.7	29.8	27.7	28.6	33.7	24.8	88	88	67	66	74	82	77.5	.....
19..	57.25	57.94	57.78	56.67	57.10	58.44	57.53	27	26.4	32.5	32.5	29.8	26.7	29.2	33.5	25.7	80	81	61	59	76	85	73.7	.....
20..	57.54	57.66	58.25	56.83	56.72	57.83	57.47	26.3	26	32.3	33.1	30	28.7	29.4	33.7	25	86	86	61	60	68	78	73.2	.....
21..	56.60	57.02	57.60	55.98	56.68	58.58	57.08	27.5	26.7	32	33.5	29.9	26.3	29.3	34.6	25.7	76	80	60	49	72	79	69.3	.....
22..	57.37	57.25	58.38	57.13	57.26	58.33	57.62	26	26.1	33.2	33	30.1	28.5	29.5	34.1	25.3	83	79	49	55	71	80	69.5	.....
23..	57.69	57.90	58.49	56.66	56.51	57.88	57.52	27.5	26.9	31.7	31.6	29.6	27.8	29.2	33.5	26.1	84	82	57	60	67	77	71.2	.....
24..	56.85	57.07	57.49	56.11	56	57.30	56.80	26.6	25.7	32.5	31.5	29.3	27.9	28.9	33.8	25	83	83	52	64	72	78	72	.....
25..	56.27	56.85	57.93	55.37	55.66	57.43	56.58	26.4	25.7	31.5	33.3	30	28.7	29.3	34.3	25	82	81	63	50	67	73	69.3	.....
26..	56.64	57.02	57.64	56.81	56.76	57.60	57.08	28.2	26.6	32	33.9	30.3	28.4	29.9	35	26.1	69	77	54	48	64	76	64.7	.....
27..	56.78	57.84	57.98	56.61	57.11	58.21	57.42	27.3	26.4	32	33.4	30.5	27.9	29.6	34.5	25.9	73	78	61	59	73	81	70.8	.....
28..	57.30	57.78	58.18	56.81	56.41	58.08	57.43	27.6	27.5	31.4	33.5	30.3	28.9	29.9	34	26.9	79	77	67	60	73	84	73.3	.....
29..	57.15	57.33	58.07	56.50	57.50	59.18	57.62	27.3	27.2	32.2	33.9	30	25.4	29.3	34.7	24	87	85	65	56	75	86	75.7	40.6
30..	58.30	58.51	59.03	57.67	58.47	58.81	58.46	25.7	25.8	31.4	33	29.6	26.2	28.6	33.4	25.2	84	84	66	61	82	85	77	.....
31..	57.77	58.61	59.20	58.14	57.55	59.45	58.45	25.9	25.7	31.6	30.1	30	28	28.6	32.8	24.5	80	80	67	75	74	86	77	.....
Mean	57.45	57.83	58.40	56.84	57.18	58.43	57.69	26.7	26.2	32.2	32.7	29.7	27.5	29.2	33.9	25.2	79.6	79.4	57.7	58	71.1	79.4	70.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96.2

Day.	Wind.											Clouds.						
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.			
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.		
													Upper.	Lower.		Upper.	Lower.	
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*			
1..	Calm	Calm	W	NW	NW	Calm	30.1	42.3	88.3	20.9	181.6	1	.....	Cu.	4	.....	Cu.	W
2..	Calm	Calm	WSW	WNW	WNW	Calm	39.7	65.7	85.6	31.2	222.2	1	.....	Cu.	2	Ci.	Cu.	
3..	E	N	NW	NW	NW	NE	39.1	61.8	124.1	40.4	265.4	2	Ci.	Cu.	2	Ci.	Cu.	
4..	E	ESE	SW	WNW	WNW	N	32	47.3	85.9	44.9	210.1	1	Ci.	S.-Cu.	2	Ci.-S.	Cu.	
5..	Calm	Calm	W	NW	NW	NNE	21.7	51.7	62.6	37.3	173.3	2	Ci.	Cu.	2	Ci.-S.	Cu.	
6..	N	N	SW	NW	NNW	Calm	51.8	68.9	103.6	26.8	251.1	1	Ci.	Cu.	1	Ci.	Cu.	
7..	Calm	SE	W	WNW	NW	NW	30.6	56	96.1	36.2	218.9	5	A.-Cu.	S.-Cu.	1	Ci.	Cu.	
8..	Calm	Calm	WSW	W	NW	Calm	20.7	62.5	81.5	14.3	179	2	Ci.	S.-Cu.	3	Ci.	Cu.	
9..	Calm	ESE	SW	W	WNW	Calm	21.1	61.5	79.7	17.7	180	5	Ci.	Cu.	3	Ci.	Cu.	
10..	Calm	SE	N	NW	NW	Calm	20.9	49.9	104.1	42.6	217.5	7	Ci.-S.	Cu.	4	Ci.	Cu.	
11..	N	N	W	NW	NNW	NE	19.3	45.7	97.2	35.9	198.1	2	Ci.	S.-Cu.	2	Ci.	Cu.	
12..	E	ESE	SW	W	NW	N	37.6	58.4	111.8	35.9	243.7	1	Ci.	Cu.	2	Ci.	Cu.	
13..	Calm	NNW	NW	NW	W	W	23.6	95	117.7	43	279.3	1	Ci.	Cu.	1	.....	Cu.	
14..	NW	N	NW	NW	NW	Calm	29.3	66.8	117.5	46.4	260	1	Ci.	Cu.	1	Ci.	Cu.	
15..	ESE	SE	W	NW	S	Calm	55.3	62	97.6	18.3	233.2	2	Ci.	Cu.	3	Ci.-S.	Cu.	
16..	Calm	ESE	SW	WNW	NW	Calm	38	57.7	76.2	40.8	212.7	2	Ci.	Cu.	2	Ci.	Cu.	
17..	SE	SE	SW	W	W	NW	38	80.5	88.8	50.5	257.8	3	Ci.-S.	Fr.-cu.ssw	2	Ci.	Cu.	
18..	Calm	SE	W	WNW	NW	SE	31.9	38.4	84.5	28.5	183.3	1	Ci.	Cu.	3	.....	Cu.	NW
19..	SE	ESE	SW	WSW	NW	Calm	41.2	73.2	66	21.7	202.1	1	Ci.	Cu.	3	Ci.-S.	Cu.	
20..	Calm	Calm	WSW	WSW	NW	Calm	16.1	38.3	65.5	21.9	141.8	2	Ci.	Cu.	4	Ci.	Cu.-N.	SW
21..	SE	Calm	SW	SW	Calm	SW	33.5	66.2	84.2	45.9	229.8	3	Ci.	Cu.	2	Ci.-S.	Cu.	
22..	Calm	SE	SW	W	NW	Calm	38.4	75.8	84	19.6	217.8	1	Ci.	Cu.	1	Ci.	Cu.	
23..	Calm	Calm	WSW	WNW	NW	Calm	15.6	47.8	95.5	31.4	190.3	3	Ci.	Cu.	1	Ci.	Cu.	
24..	Calm	Calm	W	WSW	NW	Calm	25.4	46.5	82.7	34	188.6	2	Ci.	Cu.	6	Ci.-S.	Cu.	
25..	Calm	Calm	SW	SW	WSW	WSW	20.1	60.6	84.2	31.2	196.1	3	Ci.	Cu.	3	Ci.	Cu.	
26..	SW	Calm	SW	W	Calm	Calm	42.8	74.5	63.9	23.5	204.7	7	Ci.	Cu. SW	5	Ci.	Cu.	
27..	Calm	ESE	SW	W	SW	SW	40	94.4	96.9	65	296.3	4	Ci.	Cu. S	3	Ci.	Cu.	
28..	SE	S	SW	WSW	SW	Calm	48.8	93.5	92.5	44.5	279.3	6	Ci.-S.	Cu.	4	Ci.-S.	Cu.	
29..	SE	Calm	SW	WSW	WSW	Calm	34.9	73.2	59	45.1	212.2	5	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.	
30..	SE	SE	SW	W	Calm	WNW	45.9	66.2	53.4	47.5	213	4	Ci.	Cu.	3	Ci.-S.	Cu.	
31..	SE	Calm	W	NW	Calm	Calm	43.3	52.3	43.3	4	142.9	3	Ci.	Cu.	7	Ci.-S.	Cu.-N.	SW
Mean	.....	.....	.....	.....	.....	.....	33.1	62.4	86.3	33.8	215.6	2.7	.....	.....	2.8	.....	.....	
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,682.1	.....	.....	.....	.....	.....	.....	

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, −1.61 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.03	59.27	59.29	58.01	58.91	59.83	59.06	27.4	26.3	32.2	32.4	25.8	24.7	28.1	33.8	22.7	84	85	66	59	70	84	74.7	6.1
2..	59.03	59.26	58.85	57.27	57.34	58.75	58.42	25	25.3	32.5	32.2	29.7	26.8	28.6	33.7	24.3	87	84	63	65	72	84	75.8	.....
3..	58.20	57.98	58.37	56.63	56.85	58.20	57.70	26.4	25.6	31.9	32	27	26.7	28.3	32.6	25	81	81	61	69	87	90	78.2	6.3
4..	57.47	57.55	57.35	55.92	56.30	57.72	57.05	25.8	25.5	32.1	32.4	30.5	26.5	28.8	33.3	24.8	89	87	60	66	72	80	75.7	.....
5..	56.96	57.10	56.53	55.26	56.47	56.58	56.48	25.8	25.5	31.8	32.5	25	25.5	27.7	33	24	80	81	65	66	81	80	75.5	.1
6..	55.80	55.41	55.48	54.11	54.18	55.71	55.12	25.3	24.9	31	32.1	26.7	25	27.5	32.5	23.8	77	79	72	69	90	91	79.7	47
7..	55.32	55.65	55.63	54.89	54.90	57.17	55.59	25	24.8	30.6	31.6	30.3	23	27.6	31.9	21.8	89	89	70	71	77	90	81	54.6
8..	57.08	57.20	57.50	56.98	57.73	58.56	57.51	23.5	24.6	31	32.4	28.1	26.3	27.6	32.8	23.1	91	91	72	64	86	93	82.8	1.3
9..	57.87	57.95	58.45	57.44	57.77	58.51	58	25.5	25.2	31.2	31.5	29.5	26.6	28.2	32.1	24.5	92	91	74	69	79	82	81.2	.1
10..	57.92	57.97	58.32	56.94	56.32	57	57.41	26.2	26	31.4	31.5	29	27.5	28.6	31.8	25.5	85	86	63	66	78	78	76	.....
11..	56.31	56.20	56.93	55.24	56.06	57.17	56.32	26.5	26.3	27.3	30.7	24.5	24	26.6	31.6	23.3	87	84	84	70	90	90	84.2	43.6
12..	56.26	56.32	56.69	55.74	55.91	57.73	56.44	24.2	24.1	29.5	31.7	27.5	27.3	27.4	32.2	23.3	86	86	71	64	83	82	78.7	.6
13..	57.14	57.21	57.59	57.12	58.57	59.20	57.80	26.3	25.7	30.8	32.3	24.6	24.8	27.4	33	23.3	85	88	67	64	92	90	81	24
14..	58.03	58.50	58.35	57.64	58.45	59.47	58.41	25.2	25.1	29.5	31.4	28	26	27.5	32	24.5	86	87	76	72	88	92	83.5	10.1
15..	58.48	58.11	58.72	57.68	58.33	60.04	58.56	25.4	25.3	30.5	32	29.4	25.5	28	32.5	24.6	82	85	68	66	80	88	78.2	4.1
16..	58.95	58.72	58.88	57.91	57.98	59.10	58.59	25.1	25	31.2	32	29.6	27.1	28.3	32.5	23.8	85	85	69	66	74	85	77.3	.....
17..	59.05	58.75	58.18	57.92	58.90	59.21	58.67	26.5	25.8	32.5	32	26.5	25.6	28.2	33.3	24.9	87	81	63	66	73	75	74.2	.....
18..	58.36	57.97	58.48	58.11	57.92	59.09	58.32	25.3	24.5	32.6	32.3	31	27.1	28.8	33.6	23.9	75	79	59	63	72	72	70	.....
19..	58.56	59.06	59.32	58.58	58.31	59.52	58.89	26.1	25	32.6	32.8	30.6	26.3	28.9	33.8	24.3	77	79	59	64	78	87	74	4.5
20..	58.48	58.90	59.57	57.83	58.68	59.56	58.84	25.6	25	32	32.5	23.3	24.2	27.1	32.8	23	84	83	60	64	94	90	79.2	29.2
21..	58.17	58.30	58.74	57.46	57.27	59.02	58.16	24.8	25	31.5	32.4	29.8	26.2	28.3	32.6	23.9	85	84	63	67	77	89	77.5	1.1
22..	57.31	57.23	58.13	56.88	56.93	57.63	57.35	25.8	25.5	31.3	32	25.1	25.6	27.6	32.6	24.4	84	84	64	66	83	87	78	2
23..	57.01	57.10	57.84	56.56	57.13	58.21	57.31	25.5	25.3	32.4	32.5	26	24.6	27.7	33.1	24	86	84	61	63	86	87	77.8	5.1
24..	57.25	56.72	57.34	56.24	55.72	57	56.71	25.1	25	30	32.3	29.8	25.2	27.9	32.6	24.3	86	83	75	64	76	92	79.3	38.4
25..	56.57	56.18	56.73	55.07	55.35	56.41	56.05	25.6	25.6	30.5	32	29.5	26.7	28.3	32.6	24.8	92	91	66	68	78	83	79.7	.....
26..	55.53	54.96	55.22	54.67	53.87	54.85	54.85	25.7	25.1	32	32.2	30	28.5	28.9	32.8	24.6	85	87	65	67	78	85	77.8	.....
27..	53.32	53.27	53.53	51.89	50.95	51.61	52.43	27.4	26.5	31.8	33.7	30.5	28	29.6	34.3	26	83	86	69	65	72	81	76	5.4
28..	49.64	48.52	48.32	46.39	45.11	45.38	47.23	26.6	26.3	29.3	30.6	28.5	26.8	28	32.6	25.5	81	80	73	71	75	87	77.8	15.3
29..	43.49	42.39	40.70	39.67	42.23	46.87	42.56	25.5	26.5	26.3	26	23.5	23	25.1	27.5	22.1	96	87	94	95	97	97	94.3	245.3
30..	47.56	48.90	51.33	51.17	52.72	54.26	50.99	24.6	24.3	24.5	29.5	27.8	27.5	26.4	29.8	21.5	91	93	93	73	75	74	83.2	35.1
Mean	56.34	56.29	56.55	55.44	55.77	56.98	56.23	25.6	25.4	30.8	31.8	27.9	26	27.9	32.5	24	85.3	85	68.8	67.4	80.4	85.5	78.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	579.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Lower.	Amount.	Form and direction. Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	W	E	Calm	19.3	32.7	80.8	40.8	173.6	2	Ci.	Cu.	3	Ci.	Fr.-Cu.NW
2..	Calm	ESE	Calm	NW	N	Calm	32.4	43.1	128.5	29.8	233.8	2	Ci.-S.	Cu.	3	Ci.-S.	Cu. NNW
3..	E	SE	NW	WNW	Calm	Calm	48.5	37.6	62.6	6.2	154.9	3	Ci.	Cu.	6	Ci.	Cu.-N. WNW
4..	Calm	ESE	SSW	SW	Calm	ENE	34.3	47.8	59.5	40.2	181.8	2	Ci.	Cu.	2	Ci.	Cu.
5..	Calm	ESE	WSW	NW	ENE	Calm	27.1	44.6	107	38.4	217.1	8	Ci.-S. NE	Cu.	2	Ci.-S.	Cu.-N.
6..	E	E	WNW	NWbyW	Calm	Calm	44.3	42.4	93.5	29.2	209.4	2	Ci.	Cu.	5	Ci.	Cu.-N. NNE
7..	Calm	SSW	swbys	WSW	WbyN	SSW	34.6	68.4	69.7	44.5	217.2	2	Ci.	Cu.	4	Ci.	Fr.-Cu. SW
8..	Calm	E	NW	WNW	Calm	E	20.3	31.6	69.8	31.4	153.1	2	Ci.	Cu.	3	Ci.-S. SW	Cu.-N. SW
9..	ENE	Calm	NW	SW	Calm	SE	25.2	34.6	56.1	44.8	160.7	3	Ci. E	Cu.	4	Ci.	Cu.-N.
10..	SW	SW	SW	WSW	Calm	Calm	30.1	77.5	68.4	26.9	202.9	9	Ci.-S. SSW	S.-Cu.SSW	8	Ci.	Cu. SW
11..	SSW	SE	WNW	SSW	SE	ESE	33.8	47	75.3	52.3	208.4	9	Ci.-S.	Cu.-N. S	9	Ci.-S.	Cu.-N. SSW
12..	SE	SE	SSW	SW	SSW	SSW	52.3	78.4	105.9	108.4	345	3	Ci.-S. S	Cu. S	4	Ci.-S. S	Cu.
13..	SE	SSW	SSW	SSW	SSW	ESE	39.1	71.8	108.4	55.3	274.6	3	Ci.	Cu.	3	Ci. SbyW	Cu.
14..	SE	Calm	SW	SW	SW	ESE	35.1	66	50.7	36.2	188	9	Ci.-S. S	S.-Cu. S	5	Ci.	Cu.-N. SW
15..	ESE	ESE	SW	WSW	NNW	SWbyW	54.5	52.5	68.7	36.2	211.9	2	Ci.	Cu.	2	Ci.	Cu.
16..	ESE	ESE	NW	NWbyW	NW	Calm	36.2	46.9	87.7	39.2	210	3	Ci.	Cu.	2	Ci.	Cu.
17..	Calm	ESE	Calm	SW	ESE	E	38.1	51.8	72.7	67.8	230.4	9	Ci.-S.	S.-Cu.	4	Ci.	Cu.
18..	ESE	ESE	Calm	W	NNW	ESE	51	50.5	58.7	43.1	203.3	4	Ci.	Cu.	2	Ci.	Cu.
19..	ESE	ESE	WNW	NW	NbyE	ESE	53.9	53.3	100.9	48.5	256.6	2	Ci.	Cu.	2	Ci.	Cu.
20..	ESE	ESE	SW	WNW	NE	Calm	46.9	58.1	65	39.1	209.1	2	Ci.	Cu.	4	Ci.	Fr.-Cu.WNW
21..	ESE	SEbyE	swbyS	W	Calm	Calm	48.9	48.8	58.1	34	189.8	2	Ci.	Cu.	2	Ci.	Cu.
22..	ESE	ESE	SW	WSW	ESE	ESE	41.6	54.2	67.3	33.5	196.6	2	Ci.	Cu.	2	Ci.	Fr.-Cu. WSW
23..	ESE	E	NWbyN	WNW	ESE	ESE	39.6	42.4	68.6	51.3	201.9	1	Ci.	Cu.	2	Ci.	Fr.-Cu.WNW
24..	ESE	ESE	Calm	WbyN	WNW	ESE	41.5	25.2	61.2	35.7	163.6	9	Ci.-S.	S.-Cu.	6	Ci.	Fr.-Cu.WNW
25..	Calm	SE	swbys	SW	Calm	E	25.5	56.3	63.4	27.4	172.6	3	Ci.	Cu.	2	Ci.	Fr.-Cu. SW
26..	Calm	E	N	W	Calm	SW	31.2	41	84	29.6	185.8	2	Ci.	Cu.	4	Ci.	Fr.-Cu.WNW
27..	Calm	Calm	NWbyN	NNW	ESE	NNW	20.4	35.1	73.2	34	162.7	9	Ci.-S. E	Cu. E	7	Ci.	Cu.-N.NbyE
28..	NNW	N	NbyW	NNW	N	NNW	66.3	91.7	188.8	97.7	444.5	2	Ci.	Cu.	10	Ci.-S.	Cu.-N. N
29..	NbyW	NNW	NNW	NWbyW	SW	swbys	147.1	281.9	316.7	268.7	1,014.4	10	.....	Cu.-N. N	10	.....	N. NW
30..	SbyW	SbyW	S	SSW	SSW	SSW	175.7	166.5	137	125.5	604.7	10	.....	N. SSW	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	46.5	62.7	90.3	53.2	252.6	4.4	.....	.....	4.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,578.4	.....	.....	.....	.....	.....	.....

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54	54.90	55.75	55.55	56.06	57.83	55.68	26.8	25	29	30.9	29	26.8	27.9	31.6	24.5	79	87	74	69	81	92	80.3	1
2..	57.25	57.45	57.57	57.33	57.03	59.12	57.62	25.8	25	31.9	31.8	29.3	26.5	28.4	32.6	24.4	89	90	67	63	79	88	79.3	6
3..	58.01	57.95	57.78	56.90	56.78	58.45	57.64	25.6	25	30.8	32	29.7	26	28.2	32.5	24.3	89	92	70	66	78	88	80.5	.....
4..	56.37	56.23	56.54	55.50	54.92	56.16	55.95	25.2	24.8	31.7	32	29.5	27.1	28.4	32.4	24.3	83	86	59	69	78	83	76.3	.....
5..	54.09	53.97	54.84	53.68	53.38	54.16	54.02	25.7	25	29.7	30.5	29	26.7	27.8	30.9	24.5	86	88	69	72	80	90	80.8	.3
6..	53.33	53.72	53.75	52.75	51.27	52.95	52.96	25.5	25	28.6	29.5	28.2	27.3	27.4	30	24.5	88	88	80	76	84	89	84.2	1.9
7..	53.51	54.05	54.35	53.39	53.68	55.17	54.02	26.9	26.2	31.2	30.6	26.9	26	28	31.7	25.3	86	85	66	71	90	89	81.2	22.8
8..	54.71	55.62	56.30	54.94	55.03	56.12	55.45	25.5	25	30.3	31	27.5	26.8	27.7	31.4	24.3	90	88	66	67	77	72	76.7	.....
9..	54.86	54.58	54.91	53.54	53.42	54.43	54.29	27	26	29.7	30.5	27.8	27	28	30.9	25.4	73	78	69	68	79	75	73.7	.....
10..	52.70	52.64	53.97	52.42	52.07	53.17	52.83	26.6	25.5	25	29	25.5	25.6	26.2	29.5	24.1	80	88	92	77	92	89	86.3	122.4
11..	52.47	52.48	52.90	52.62	52.32	53.96	52.79	25	25.5	26.6	28.1	28	26.6	26.6	29.1	24	92	92	86	84	84	90	88	35
12..	53.09	53.38	54.99	54.19	53.88	55.13	54.11	25.5	26.5	27.7	30.5	25.5	25.8	26.9	30.8	24.8	93	90	87	72	92	95	88.2	25
13..	54.46	54.45	55.06	54.26	54.32	55.59	54.69	26.6	26.6	27.8	29.3	27.3	27.4	27.5	30	25.1	90	91	86	80	86	85	86.3	36.1
14..	54.79	54.81	55.36	54.62	54.52	55.44	54.92	27.3	27	26.8	27.4	26.5	27	27	28.1	25	84	85	92	89	92	89	88.5	22
15..	54.35	54.53	54.67	54.22	54.02	54.92	54.45	26.8	26.6	27	26.3	26.6	26.4	26.6	27.5	24.4	90	91	89	90	90	85	89.2	50.1
16..	54.15	54.58	55.74	54.96	55.64	56.47	55.26	26.9	26.5	29.1	28.7	27.5	26.4	27.5	29.7	24.6	83	88	78	80	84	86	83.2	18.8
17..	55.13	55.48	56.10	55.72	56.06	57.28	55.96	25.9	26	26.5	26.9	26.2	25.9	26.2	27.8	24.3	88	88	91	93	85	87	88.7	57.3
18..	55.92	55.95	56.86	55.90	55.79	56.45	56.14	26	25.7	26.5	27.8	27.1	26.5	26.6	28.1	24.6	85	88	88	81	87	90	86.5	29.9
19..	55.40	55.87	56.90	55.94	55.88	56.61	56.10	26.8	27.2	28.5	29.7	28.3	27.4	28	30	25.1	88	85	81	79	81	84	83	44.4
20..	55.43	55.95	56.81	55.76	55.65	57.04	56.11	26.2	25.1	24.5	26.6	27.6	27.1	26.2	28.3	23.2	85	88	97	91	87	87	89.2	87.3
21..	56	56.01	56.79	55.48	55.13	55.63	55.84	25.1	24.1	23.8	24	26.5	25.4	24.8	26.9	23.1	94	96	95	96	92	95	94.7	116.3
22..	54.88	54.47	55.16	54.65	54.40	55.28	54.81	23.9	23.9	23.7	23.6	22.5	23.8	23.6	25.5	21.5	92	97	97	98	96	89	94.8	176.1
23..	54.51	54.59	56.10	54.80	54.31	55.49	54.97	24.4	25	25.8	30	28.8	26.5	26.8	30.3	23.2	87	88	93	80	81	94	87.2	12.4
24..	54.88	54.54	55.07	54.81	54.32	55.80	54.90	25.8	25	27	28.1	28.2	26	26	26.7	29.5	24.3	89	90	84	84	87	92	87.7	24.8
25..	54.40	54.43	54.63	54.04	54.51	55.70	54.62	25.5	25	29	30.3	26	26.3	27	30.6	24.1	90	91	76	72	84	86	83.2	1.3
26..	54.85	54.83	55	54.60	55.27	56.28	55.14	25.5	25.1	29.5	28.7	23.5	23.6	26	29.9	22.5	88	88	71	81	96	96	86.7	83.6
27..	55.34	55.51	55.65	54.34	53.87	54.58	54.88	23.9	24	26.3	26.5	25.9	24.3	25.2	26.7	22.8	93	92	82	88	91	97	90.5	151.9
28..	53.50	53.64	53.69	52.68	52.66	54.05	53.37	24	23.6	24.7	24.9	24.5	24.9	24.4	25.4	22.5	96	96	92	92	96	92	94	105.7
29..	53.94	54.06	55.08	54.68	54.62	55.70	54.68	23.8	24.5	24.5	25.2	26.4	25.6	25	26.6	22.6	93	87	94	81	79	82	86	7.1
30..	55.23	55.67	56.74	55.90	56.85	58.01	56.40	25	24.6	29.5	31.7	29	26.5	27.7	32	24	84	87	68	68	78	80	77.5	.....
31..	57.72	57.79	58.43	58.10	58.39	60.35	58.46	25.5	24.8	29.5	29.2	28.7	25	27.1	29.8	23.4	86	90	79	78	80	80	82.2	5.7
Mean	54.82	54.97	55.60	54.78	54.71	55.91	55.13	25.7	25.3	27.8	28.8	27.2	26.1	26.8	29.6	24	87.5	89	81.2	79.2	85.4	87.6	85	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,245.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW	Calm	SSW	SSW	Calm	SSW	55	57.7	73.7	24.1	210.5	9	A.-Cu.	S.-Cu.	9	Ci.-S.	Cu.-N.
2..	Calm	E	N	SSW	Calm	Calm	24.1	34.6	43	22.8	124.5	4	Ci. ENE	Cu.	6	Ci.	Cu.-N.
3..	Calm	Calm	SSW	W	Calm	WSW	11.9	47.5	58.5	35.4	153.3	3	A.-Cu. S	S.-Cu.	2	Ci.	Cu.
4..	ESE	ESE	SSW	WSW	Calm	Calm	32.8	47.5	50.1	22.5	152.9	3	Ci.	Cu.	4	Ci.	Fr.-Cu. sw
5..	ESE	ESE	SSW	swbys	Calm	Calm	39.2	62.6	39.6	11.1	152.5	4	Ci.-Cu. E	S.-Cu.	10	Ci.-S.	Cu.-N. SW
6..	Calm	ESE	NNW	NNW	NNW	WSW	20.6	47.3	104.8	36.5	209.2	9	Ci.-S.	S.-Cu.	10	Ci.-S.	cu.-N. NNw
7..	SSW	SSW	SW	Calm	SSW	Calm	80.5	47.5	41.5	55.7	225.2	8	Ci.-S. ssw	s.-cu. ssw	10	Ci.-S.	S.-Cu.
8..	Calm	Calm	SSW	SSW	SSW	SSW	7.2	58.9	145.9	126.9	338.9	4	Ci.	S.-Cu.	4	Ci.-S. SSW	Cu.-N. ssw
9..	SSW	S	SSW	SSW	SSW	SSW	75.9	124.7	129	69.8	399.4	5	Ci.	Cu. S	5	Ci.	Cu. SSW
10..	SSW	SSW	S	SSW	SSW	SSW	86.7	87.2	120.7	77.5	372.1	8	Ci.-S. ssw	cu.-N. ssw	9	Ci.-S. SSW	Cu.-N. ssw
11..	SSW	SW	SW	SW	SW	SSW	92.7	126.9	142.4	141	503	10	.....	N. SSW	10	.....	Cu.-N. SW
12..	SSW	SSW	swbys	SSW	SSW	SW	129.7	174.8	178.1	167.3	649.9	10	.....	cu.-N. ssw	8	Ci.-S. SSW	Cu.-N. ssw
13..	SSW	SSW	SSW	SSW	SSW	SW	155	149.7	164.3	121.8	590.8	10	.....	N. SSW	9	Ci.-S. SSW	Cu.-N. ssw
14..	SSW	SSW	SW	SSW	swbys	swbys	111	102	97.6	115.9	426.5	10	.....	cu.-N. ssw	10	.....	Cu.-N. ssw
15..	swbys	SW	SSW	SSW	SSW	SW	117.5	123.4	122.8	118.8	482.5	10	.....	Cu.-N. sw	10	.....	Cu.-N. SW
16..	SW	swbys	SSW	SW	SSW	S	119.7	138.1	132.8	106	496.6	10	.....	Fr.-N. sw	8	Ci.-S. SW	Cu.-N. SW
17..	SSW	SSW	SSW	SSW	SSW	SSW	114.6	116.5	102.2	99.6	432.9	10	.....	Fr.-N. ssw	10	.....	Cu.-N. ssw
18..	SSW	SSW	SSW	SSW	SSW	SSW	104.6	125	104.8	89.8	424.2	10	.....	Fr.-N. ssw	10	Ci.-S.	Cu.-N. ssw
19..	SSW	SSW	SW	SSW	SSW	SW	118.5	122.9	137	110.7	489.1	9	Ci.-S.	cu.-N. ssw	8	Ci.	Cu.-N. ssw
20..	SSW	SSW	SSW	SSW	SW	SW	106.7	79.9	106.7	102.7	396	10	.....	cu.-N. ssw	10	.....	Cu.-N. ssw
21..	S	S by E	S	SE	SSW	SSW	55.2	72.7	83.7	102.7	314.3	10	.....	N. S	10	.....	N. SSW
22..	Calm	Calm	S	SSW	ESE	ESE	36.2	41.2	46.5	72.7	196.6	10	.....	N.	10	.....	N.
23..	SSW	SSW	SSW	SSW	SSW	SSW	55.5	69	97.2	51.5	273.2	9	Ci.-S. ssw	cu.-N. ssw	5	Ci.-S.	Cu.-N. SW
24..	SSW	SSE	S	SSW	SW	SE	39.9	56	66.6	26.9	189.4	6	A.-cu. ssw	Cu. SSW	10	.....	N. SSW
25..	Calm	ESE	SSW	SSW	SSE	SSW	45.4	67.4	86.4	42.6	241.8	8	Ci.-S. ssw	cu.-N. ssw	4	Ci.-S.	Fr.-Cu. ssw
26..	ESE	ESE	S by W	SSW	SW	Calm	34.9	65.4	73.4	33.5	207.2	7	Ci. E	Cu.	10	.....	Cu.-N. ssw
27..	SSW	SSW	S	SSW	Calm	SSW	29.6	36.4	50.2	26.2	142.4	10	.....	s.-cu. ssw	10	.....	S.-Cu.SSW
28..	Calm	Calm	SSW	SSW	SSW	SSW	17.7	35.9	92.2	114.9	260.7	10	.....	N. S	10	.....	Cu.-N. ssw
29..	SSW	SSW	SSW	SSW	SSW	SSW	109.9	120.5	155	87.5	472.9	10	.....	cu.-N. ssw	10	.....	Cu.-N. ssw
30..	Calm	ESE	SbyW	SSW	Calm	NE	22.8	52	64.1	26.8	165.7	8	Ci.-S.	S.-Cu.	9	Ci.-S.	Fr.-Cu.
31..	Calm	E	Calm	Calm	Calm	ENE	25.1	22	29.2	51.5	127.8	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	67	81.1	94.8	74	316.8	8.2	.....	.....	8.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,822	.....	.....	.....	.....	.....	.....

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, −1.61 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.44	59.37	58.68	58.55	58.50	59.55	59.02	23.9	24	26.3	29.8	27	25.1	26	30.7	22.8	86	87	82	70	86	86	82.8	4.1
2	57.86	57.87	59.11	58.03	57.76	58.62	58.21	24.5	24.5	24.3	26	25.8	25.6	25.1	26.4	23.5	89	86	89	85	88	87	87.3	6.5
3	57.27	57.30	58.52	57.26	57.34	58.86	57.76	25.5	25.2	26	29.5	27.5	27.2	26.8	29.8	24.5	87	83	81	75	81	83	81.7	.1
4	57.92	57.93	58.90	57.57	57.56	59.23	58.18	26.3	26.1	30	30.6	28.3	27.4	28.1	30.8	25.5	89	79	68	68	82	83	78.2	.....
5	58.27	58.10	58.90	57.62	57.65	58.92	58.24	27	26	29.1	31.3	28.3	27	28.1	31.5	25	81	84	75	66	81	83	78.3	.....
6	57.98	58.06	58.61	57.58	56.93	57.95	57.85	25.9	25.5	29.8	30.3	28.9	27	27.9	30.8	24.8	88	88	67	67	73	83	77.7	.....
7	57.21	57.40	57.94	57.53	56.75	58.36	57.53	26	25.7	29.7	29.5	28.6	26.8	27.7	30.7	25	85	82	64	75	80	90	79.3	5.1
8	57.91	57.95	58.16	57.25	57.38	58.78	57.90	26.4	25.5	29.9	31	28.7	27.1	28.1	31.5	24.7	90	90	67	71	80	89	81.2	.9
9	57.97	57.81	58.38	57.08	57.17	58.12	57.76	26	25.5	30	30.6	25.1	24.7	27	31.1	24.1	93	92	70	68	91	92	84.3	20.9
10	56.80	56.78	57.40	55.57	55.83	57.07	56.58	24.7	24.7	29	31	28.2	25.9	27.2	31.5	23.8	87	87	76	67	80	84	80.2	.9
11	56.80	56.77	56.99	54.50	54.30	55.40	55.29	24.9	24.8	29.8	30.7	26.7	24.6	26.9	31.6	24	85	85	66	70	90	89	80.8	40.4
12	53.54	53.34	53.34	52.50	52.04	53.64	53.07	24.3	24.2	25	24.3	24.5	24.2	24.4	25.1	23	93	94	92	93	94	94	93.3	65.3
13	53.13	53.05	53.61	52.52	53.12	54.39	53.30	23.4	23.5	23.8	26.3	25.5	25.2	24.6	27.6	22.3	93	92	93	77	80	82	86.2	9.1
14	54.55	54.53	55.55	53.98	55.34	57.36	55.22	24	23.6	28	30.2	28	27.4	26.9	30.8	22.6	93	91	74	70	73	81	80.3	.....
15	56.78	56.97	58.10	57.74	58.16	59.60	57.89	26.2	25.2	29.2	31	28.3	26.1	27.7	31.2	24.3	82	84	72	66	81	89	79	2
16	58.72	58.91	59.63	58.18	58.26	59.65	58.89	25.1	24.3	29.5	31.2	28.3	26.8	27.5	31.8	23.6	88	89	73	71	79	91	81.8	.....
17	59.07	59.18	58.75	56.67	57.25	58.19	58.18	25.2	25	29.8	30.8	28.7	25.9	27.6	31.2	24.2	92	89	76	73	83	85	83	2.4
18	56.85	56.80	57.44	55.29	55	56.77	56.36	25.2	25	28.4	30.5	28.3	26.2	27.3	30.6	23.9	88	92	75	74	82	90	83.5	22.6
19	55.85	56.11	56.94	55.69	55.77	57.53	56.32	24.4	24.3	27.9	29.3	26	25.3	26.2	30.5	23.5	93	93	79	79	92	92	88	9.4
20	56.66	56.60	57.64	56.22	56.82	57.75	56.95	25.1	25.1	28.3	30.5	28	25	27	30.6	23.9	92	91	79	70	80	87	83.2	24.9
21	57.70	57.72	57.81	56.68	57.10	58.46	57.58	24.9	24.8	30	29.7	26.2	25.8	26.9	30.5	23.5	89	92	73	77	92	91	85.7	3.8
22	57.41	57.72	58.2	56.78	56.83	57.96	57.49	25	24.8	28.5	30.8	26.6	26.1	27	30.9	23.9	90	89	78	73	90	91	85.2	6.4
23	56.92	57.22	58.07	56.15	55.81	56.82	56.83	25.1	24.5	28.2	30.5	28.4	26.5	27.2	31.	23.8	87	88	80	72	78	88	82.2	.....
24	55.13	54.94	55.09	53.76	53.76	54.65	54.56	25.4	24.6	29.8	31.4	28.2	27.1	27.8	31.9	23.9	91	87	66	66	79	80	78.2	10
25	54.08	54.19	55.19	54.79	55.04	56.30	54.93	25.9	25	29.2	30.5	28.5	26.9	27.7	31	24.2	84	86	73	72	79	87	80.2	.....
26	56.10	56.76	57.45	56.09	56.21	57.96	56.75	26	25.1	31.4	30.4	26.5	24.9	27.4	31.8	24.1	86	88	70	72	92	92	83.3	7.6
27	56.48	56.42	57.12	55.99	57.07	57.64	56.79	24.5	24	28	29.4	24.4	23.8	25.7	29.6	22.5	93	96	79	77	94	97	89.3	59.5
28	56.18	55.89	56.26	54.95	55.81	56.88	56	23.9	23.4	28.3	30.3	27.4	25.5	26.5	31.1	22.5	97	96	78	75	88	89	87.2	5.5
29	56.28	56.0	56.43	55.94	56.82	57	56.42	24.7	24.2	31	30.6	26.2	25.1	27	31.6	23.5	92	90	67	70	90	89	83	1.3
30	56.62	56.82	57.48	56.58	57.02	57.52	57.01	24.9	24	31.5	29.7	26.3	24.8	26.9	32	23.4	87	91	60	75	84	85	80.3	1.9
31	56.49	56.32	57.41	56.11	56.29	57.66	56.71	24.7	24.5	29.3	28.8	27.6	25.7	26.8	30.2	23.8	84	85	70	74	79	86	79.7	3
Mean	56.74	56.77	57.36	56.17	56.35	57.57	56.82	25.1	24.7	28.7	29.9	27.3	25.9	26.9	30.6	23.8	88.8	88.6	74.6	72.8	83.9	87.6	82.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	313.6

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1	ENE	2	ENE	2	ENE	1	SW	3	SSW	2	SE	2	2	2	10	Ci.-S.	S.-Cu. SSW	9	A.-Cu.WSW	Cu.
2	SE	2	ESE	2	ESE	2	Calm	....	Calm	....	SSW	2	1.3	10	.....	Cu.-N.		10	.....	Cu.-N. SSW
3	SSW	2	Calm	....	S	2	SSW	3	WSW	3	SSW	3	2.2	10	.....	S.-Cu. SSW		9	Ci.-S.	S.-Cu. SSW
4	SSW	2	SSE	3	SSW	3	SSW	4	SSW	2	SW	3	2.8	8	Ci.-S.	S.-Cu. SSW		6	Ci.	Cu.
5	SSW	3	SSW	2	SSW	3	SSW	3	SSW	3	SbyW	3	2.8	4	Ci.-S. SSW	Fr.-Cu.SSW		3	Ci.	Cu.
6	S	2	S	2	SSW	3	SSW	3	SSW	3	SSW	3	2.7	8	Ci.-S.SbyW	S.-Cu. SbyW		4	Ci.-S. SW	Fr.-Cu. SW
7	SSW	2	SbyW	2	S	3	SSW	3	SSW	2	S	2	2.3	4	Ci.-S. SSW	S.-Cu. SSW		8	Ci.-S.	Cu.-N. SW
8	SSE	2	SSbyS	2	S	3	SSW	3	SW	2	Calm	....	2	4	Ci.-S.SbyW	Cu.-N. SSW		4	Ci.	Fr.-Cu. SW
9	Calm	....	SE	2	SSW	3	SSW	3	WNW	2	SSW	2	2	8	Ci.	Cu.-N. SW		8	A.-Cu. SW	Cu.
10	ESE	2	ESE	2	ESE	2	SW	2	Calm	....	ESE	2	1.7	8	Ci.-S. SW	S.-Cu. SW		4	Ci.	Cu.
11	SSE	2	SSE	2	SSW	2	SWbyW	3	WSW	2	Calm	....	1.8	8	A.-Cu. SSW	Cu.		6	Ci. SW	Cu. SW
12	Calm	....	SSW	3	SSW	3	SSW	3	SSW	3	SSW	2	2.3	10	.....	Fr.-N. SSW		10	.....	N. SSW
13	SSW	2	SbyW	3	SbyW	3	SbyW	4	S	3	S	3	3	10	.....	Cu.-N. S		10	.....	Cu.-N. S
14	S	2	SbyW	2	S	3	SSW	3	SW	4	SSW	3	2.8	10	.....	Cu.-N. S		10	Ci.-S.	S.-Cu.
15	SSW	2	SSbyE	2	SSW	2	SSW	3	SSW	2	SW	2	2.2	9	Ci.-S.	S.-Cu.		4	Ci.	Cu.
16	Calm	....	Calm	....	WSW	2	NW	3	NW	2	Calm	....	1.2	2	Ci.	Cu.		2	Ci.	Fr.-Cu. WNW
17	ESE	2	ESE	2	NNW	2	WbyS	2	W	2	SSW	3	2.2	6	Ci. SbyW	Cu.		3	Ci. WbyN	Cu.
18	Calm	....	Calm	....	SSW	3	SW	3	WSW	2	Calm	....	1.3	5	Ci.	Cu.-N.		6	Ci.-S.	Fr.-Cu. SW
19	SW	2	swbyw	1	SSW	2	swbys	2	swbys	2	swbys	2	1.8	10	Ci.-S.	Cu.-N. SW		10	Ci.-S.	Cu.-N. SW
20	SW	2	swbys	2	SSW	2	SW	3	ESE	2	SEbyE	2	2.2	10	Ci.-S.	Cu.-N.		6	Ci.	Cu. SW
21	SSE	1	SSE	1	Calm	....	WSW	3	NNW	2	Calm	....	1.2	9	Ci.-S. WNW	Cu.-N. WNW		7	Ci.-S.	Cu.-N. WNW
22	ESE	2	ESE	2	SSW	2	SW	2	Calm	....	SW	2	1.7	3	Ci.	Cu.		8	Ci.	Cu.-N. WNW
23	SSW	1	SSW	1	SSW	3	WSW	2	NW	2	Calm	....	1.5	4	Ci.	Cu.		4	Ci.	Cu.
24	Calm	....	SE	2	SSW	2	SSW	3	SW	2	SSW	2	1.8	5	Ci. ESE	Cu.		5	Ci.	Fr.-Cu. SW
25	SE	2	SE	2	SSW	2	SSW	3	Calm	....	.....	....	1.8	8	A.-Cu.	Cu.-N. SW		8	Ci.	Cu. SW
26	.....	....	.....	....	W	2	NW	3	Calm	....	SW	3	2	....	.....			8	Ci.-S.	Cu.-N. NW
27	SW	2	Calm	....	SW	2	SSW	3	SSW	3	Calm	....	1.7	4	Ci.-S.	S.-Cu.		9	Ci.-S.	Cu.-N. SSW
28	Calm	....	NW	2	SW	2	SW	3	N	2	Calm	....	1.5	6	Ci.-S.	Cu.-N.		5	Ci.	Cu. SWbys
29	E	2	E	2	Calm	....	SSW	3	ESE	2	ESE	2	1.8	4	Ci.-S.	Cu.		5	Ci.-S. SSW	Cu.-N. SSW
30	Calm	....	NNW	2	SW	2	swbys	3	SSW	2	SbyE	2	1.8	2	Ci.	Cu.		6	Ci.-S. SSW	Cu.-N. SSW
31	ESE	2	SEbyE	2	SbyW	3	SSW	3	SbyW	2	SSW	2	2.3	3	Ci.	Cu.		8	Ci.-S. SSW	Fr.-Cu. SSW
Mean	.....	1.5	.....	1.7	.....	2.2	.....	2.5	.....	1.9	.....	1.7	2		6.7	.....	.....	6.6	.....	.....

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	56.77	56.81	58.25	56.53	57.15	58.74	57.38	25.2	24.8	29.2	29.8	26.4	25.3	26.8	30.1	23.8	88	89	70	69	82	86	80.7	8
2..	57.72	57.61	58.54	56.88	57.52	58.40	57.78	24.9	24.5	28.3	30	25.1	24.6	26.2	30.5	23.9	87	88	72	71	93	93	84	14.5
3..	57.42	56.04	57.56	55.80	55.94	57.41	56.70	24.4	24	28.6	28.8	27.3	24.3	26.2	29.8	23.4	94	92	75	78	82	91	85.3	83.6
4..	54.82	54.79	55.52	53.45	53.24	53.94	54.29	24.1	24	27.3	30	26.1	25	26.1	30.7	23.3	92	91	82	73	88	92	86.3	.3
5..	53.23	52.69	52.96	51.14	51.15	53.32	52.42	24.7	24.5	30.3	30.8	27	26.6	27.3	31.5	23.6	94	89	73	78	90	91	85	3.5
6..	52.93	53.16	54.91	53.87	54.45	55.71	54.17	25.7	25	26	29	27.8	25.7	26.5	30.3	24.2	96	96	92	75	86	91	89.3	3.5
7..	54.79	54.82	55.54	54.67	54.89	55.40	55.02	25.5	25.4	29.7	30.8	28.5	25.6	27.6	31.9	24.6	92	89	77	73	85	95	85.2	8.9
8..	54.66	54.73	55.90	54.63	54.74	55.56	55.04	25.3	25.2	30.5	30.8	28.2	26	27.7	31.6	24.5	93	94	75	76	82	89	84.8	5.8
9..	55.17	55.37	55.99	55.26	55.19	56.50	55.58	26	26.5	29.1	28.5	28.3	27.2	27.6	31.4	25.2	89	88	77	80	82	90	84.3	5.1
10..	56.04	55.72	56.80	55.97	56.17	57	56.28	26.8	26.5	26.5	26	25.2	25.3	26	29	24	91	92	90	87	90	89	89.8	39.3
11..	55.80	55.89	57.06	55.68	56.31	57.75	56.42	25	24.5	27.5	29	26.8	24.8	26.3	29.6	23.6	90	92	81	78	82	90	85.5	26.9
12..	56.87	56.75	58.25	57.28	57.87	58.76	57.63	24.7	25	25.6	26	26.3	25.3	25.5	26.5	23.5	90	88	90	94	92	92	91	48.2
13..	57.95	58.63	59.91	58.41	58.07	59.45	58.74	25	25	23.7	26	26.2	25.5	25.2	26.5	22.5	91	92	97	92	92	90	92.3	84.4
14..	58.30	58.61	60.17	58.65	58.91	59.94	59.10	24.9	24.7	23.9	26	24.8	24.7	24.8	26.1	23	95	96	97	85	92	90	92.5	95.1
15..	58.78	58.81	59.57	57.88	58.23	59.71	58.83	24.5	23.7	27.8	29.3	25.5	25.1	26	30.2	23	90	90	79	79	92	92	87	3.2
16..	57.83	57.86	59.30	57.66	58.18	59.47	58.38	24.8	24.7	26	29.8	25.3	24.9	25.9	30.4	23.5	90	90	90	76	92	92	88.3	15.4
17..	58.77	58.94	59.80	57.90	58	59.68	58.85	24.5	24	28	29.3	27.8	25	26.4	30.7	23	93	91	77	74	82	85	83.7	21.8
18..	58.58	58.74	59.55	57.71	58.46	60.39	58.90	24.5	24.2	28.7	30.2	27.5	26	26.8	31	23.3	88	90	74	74	87	92	84.2	15.6
19..	59.65	59.95	59.88	59.26	59.47	60.28	59.75	24.6	24.5	29.3	29.8	27.2	26	26.9	30.7	23.5	89	88	71	73	87	89	82.8	.....
20..	59.25	59.02	59.20	58.10	57.49	58.71	58.63	24.8	24	31.1	29.5	27.7	25.7	27.1	32.1	23.4	88	90	62	68	79	92	79.8	.....
21..	57.07	56.77	57.20	56.23	56.38	57.46	56.85	24.8	24	29.8	30.8	28.6	26	27.3	31.4	23.2	92	90	69	70	80	89	81.7	.8
22..	56.86	56.92	57.50	56.60	56.59	58.11	57.10	24.7	24	29.5	31.5	27.7	25.5	27.2	32.3	23.5	88	91	72	66	85	88	81.7	.....
23..	56.63	56.86	57.56	56.39	56.99	58.77	57.20	25	23.5	31.8	33	28.5	26.7	28.1	33.5	23	84	91	58	58	80	89	76.7	.....
24..	58.11	58	58.23	57.55	58.11	59.95	58.32	25.4	24.5	32	30.8	28	27	28	33.5	24.1	88	87	63	67	83	88	79.3	.....
25..	59.20	59.22	60.45	58.69	59.49	60.55	59.60	26.1	24.5	30.5	30.8	28	25.3	27.5	33.4	24	87	92	72	71	85	84	81.8	.....
26..	59.81	59.92	59.95	58.99	60.12	61.41	60.03	24.8	24.6	32	32.2	28	25.2	27.8	33.3	23.9	86	87	66	65	81	88	78.8	1.1
27..	60	59.10	60.38	58.90	59.68	60.98	59.84	24.8	24.8	31	31.5	29.5	25.7	27.9	33.1	24.3	90	89	65	69	75	89	79.5	11.6
28..	58.90	58.99	59.58	57.57	57.78	58.80	58.60	25.2	24.6	31.5	32.2	28.4	27	28.2	34.4	23.6	89	89	69	66	85	89	81.2	.....
29..	57.18	57.31	57.30	54.88	55.20	56.20	56.34	25.9	24	32.5	33	28.3	26.7	28.4	34	23.5	88	89	63	63	82	89	79	.....
30..	55.19	55.47	56.19	53.97	54.75	56.10	55.28	26.3	24.8	30	30.5	27.5	26.1	27.5	33.2	24	89	89	71	70	81	82	80.3	.....
Mean	57.14	57.12	57.97	56.55	56.88	58.15	57.30	25.1	24.6	28.9	29.9	27.2	25.7	26.9	31.1	23.7	90	90.3	75.6	73.8	85.1	89.5	84.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	496.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSW	SSW	SSW	SSW	SSW	Calm	38.4	52.1	90.6	38.4	219.5	8	Ci.-S.	s.-Cu. ssw	10	Ci.-S. SSW	cu. swbys
2..	SSW	SSW	SEbys	SSW	SbyW	Calm	39.4	55.5	76.4	38.8	210.1	10	Ci.-S. ssw	Cu.-N. ssw	6	A.-Cu. S	Fr.-Cu. ssw
3..	SSW	SSW	SW	SW	SW	SSW	27.7	48.1	90.1	52	217.9	5	Ci. EbyS	S.-Cu.	6	Ci.	Fr.-Cu. sw
4..	SSW	SSW	SSW	SW	SSW	Calm	42.4	70.8	65.2	24.9	203.3	4	Ci.-S. ssw	Cu.	5	Ci.-S.	Fr.-Cu. sw
5..	Calm	NNW	NW	NWbyN	NWbyN	NNW	27.2	53.6	95.5	46.1	222.4	8	A.-Cu. NNE	S.-Cu. NNE	6	.....	Cu.-N. NNW
6..	NWbyN	Calm	NWbyN	NNW	Calm	NW	26.8	32.5	58.9	22.7	140.9	9	Ci.-S.	Cu.-N. N	5	Ci.	Cu.-N.
7..	Calm	Calm	SSW	SW	Calm	Calm	19.9	57.1	68.4	29.8	175.2	6	Ci.-S.	S.-Cu. sw	8	Ci.-S.	Cu.-N. SW
8..	SbyW	Calm	swbys	WSW	WNW	Calm	26.9	36.2	97.6	38	198.7	8	Ci.	Cu.-N. wsw	6	Ci.-S. WSW	Cu.-N. wsw
9..	Calm	Calm	SW	W	WNW	W	45.6	46.9	89.9	49.4	231.8	10	Ci.-S.	Cu.-N. WNW	10	.....	N. W
10..	Calm	Calm	SW	SW	NNW	Calm	24.9	47.7	54.4	36.8	163.8	10	Ci.-S.	Cu.-N. wsw	10	.....	N. WSW
11..	Calm	Calm	SbyW	SSW	SbyW	SW	30	58.2	102.2	66.5	256.9	8	Ci.-S.	Cu.-N.	9	Ci.-S.	Cu.-N. SW
12..	SSW	SSW	SW	SSW	SSW	Calm	51.8	46.5	64.1	37.8	200.2	10	Ci.-S.	S.-Cu. swbys	10	.....	Cu.-N. ssw
13..	SSW	SSW	SSW	Calm	SSW	SSW	38.6	45.9	22.5	45.9	152.9	10	.....	Fr.-N. swbys	10	.....	Cu.-N. SW
14..	SSW	Calm	SW	SSW	Calm	SW	42.6	53.9	56.8	39.7	193	10	.....	N. SW	10	Ci.-S.	Cu.-N. ssw
15..	SW	Calm	SSW	SSW	Calm	SW	34.4	58.5	76.1	33	202	4	A.-Cu. wsw	S.-Cu. sw	5	Ci.-S. SW	Cu.-N. SW
16..	SbyW	SbyW	Calm	SW	SW	Calm	41.5	64.9	79.5	25.2	211.1	4	Ci.-S. S	S.-Cu. S	4	Ci.-S. SW	Cu.-N. SW
17..	SW	SSW	S	SW	Calm	SW	42	49.4	66.3	46.7	204.4	4	Ci.	S.-Cu. sw	3	Ci.-S.	Fr.-Cu. sw
18..	SW	SW	SSW	SSW	SW	NW	28.4	69	73	49.1	219.5	3	Ci.-S. SW	Cu.	3	ci.-s. swbys	Fr.-Cu.SWbyS
19..	Calm	NE	SSW	SW	Calm	NE	28.7	65.7	57.9	28	180.3	2	Ci.	Cu.	3	Ci.	Fr.-Cu. sw
20..	NE	N	SW	W	NW	NW	40.8	46.4	47.5	28	162.7	1	Ci.	Cu.	4	Ci.-S.	Cu.
21..	NW	SE	SSW	swbys	Calm	SE	36.7	73	63	29	201.7	1	Ci.	Cu.	4	.....	Cu. SW
22..	SE	SE	NE	SW	WNW	NW	40.5	40.2	55.3	30.4	166.4	1	Ci.	Cu.	3	.....	Fr.-Cu. sw
23..	NNW	NNW	SW	WSW	Calm	Calm	40.5	37	51.5	23.9	152.9	1	Ci.	Cu.	2	.....	Cu.
24..	NW	NW	NW	W	NWbyW	Calm	44	43.5	63.8	21.5	172.8	3	Ci.	Cu.	4	Ci.	Cu.
25..	NW	Calm	W	NW	Calm	NW	50.5	34.6	69.4	38.4	192.9	4	A.-Cu. W	Cu.	6	Ci.	Fr.-Cu. NW
26..	ESE	ESE	WNW	WSW	ENE	E	36	49.4	64.9	58.1	208.4	8	Ci.-S.	S.-Cu.	4	Ci.	Cu. W
27..	E	Calm	SSW	SW	Calm	WSW	35.1	45.7	72.9	49.6	203.3	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu. WSW
28..	WSW	Calm	Calm	WNW	WNW	Calm	40.8	31.7	41.5	24.1	138.1	2	Ci.	Cu.	3	.....	Fr.-cu. WNW
29..	Calm	Calm	NNW	NW	NW	NW	.....	.....	85.6	19	[a]104.6	2	Ci.	Cu.	2	.....	Cu. NW
30..	Calm	Calm	NNW	NNW	NNW	NNW	17.4	43.7	167.9	130.7	359.7	4	Ci. N	Cu.	6	A.-Cu. N	Cu. NNW
Mean	.....	.....	.....	.....	.....	.....	35.8	50.3	72.3	40	195.6	5.6	.....	.....	5.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]5,867.4	....	.....	.....	....	.....	.....

[a] 12 hours missing.

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	55	55.36	56.28	54.09	54.85	56.12	55.28	25.4	24.5	30.5	30.8	27.5	26	27.4	31.5	23.7	85	87	68	67	78	84	78.2	.....
2..	54.56	54.37	55.10	52.95	53.10	54.61	54.12	25.5	25.2	27.3	28.5	26.5	25.8	26.5	29.3	24.5	86	87	87	80	84	88	85.3	21.5
3..	53	53.02	53.88	52.24	52.90	54.17	53.20	25	25.5	26	26.6	26.5	26.3	26	28.9	23.7	92	88	92	89	84	84	88.2	9.6
4..	53.76	54.44	55.70	55.17	56.13	57.85	55.51	26.2	26	27.8	25.2	25.1	25	25.9	29.3	23.9	84	85	82	91	91	88	86.8	5.9
5..	57.23	57.91	59.62	57.72	58.72	59.32	58.42	24.6	24.5	23.9	28.2	26.5	25.2	25.5	28.6	23	90	89	97	82	86	92	89.3	41.8
6..	58.66	59.27	60.21	58.60	58.89	59.70	59.22	24.6	24.4	28.7	28.8	28	25.8	26.7	30	23.5	91	88	73	79	85	90	84.3	.....
7..	58.43	58.72	59.35	57.58	58.35	59.22	58.61	24.6	24.2	30	30.6	26.6	25	26.8	31.3	23.6	94	92	69	71	81	88	82.5	.....
8..	58.34	58.39	59.65	57.93	58.30	59.50	58.68	24.1	23	30	31.5	28.3	25.1	27	32.4	22.2	93	94	70	66	81	91	82.5	.....
9..	58.52	59.08	59.82	57.96	58.28	59.40	58.84	24.5	23.5	30.8	31	29.2	26.2	27.5	31.8	22.8	91	91	69	71	80	87	81.5	.....
10..	58.37	58.66	59.51	57.35	57.90	59.02	58.47	25.2	25	31	32.2	28.6	25.7	28	32.8	24.3	84	86	61	59	73	83	74.3	.....
11..	58.68	58.81	59.59	57.44	57.60	59.02	58.52	24.2	23.4	30.5	31.2	28	26.8	27.4	33.1	22.6	86	85	66	64	74	71	74.3	.....
12..	58.38	58.76	59.94	58.28	58.19	59.52	58.84	25.5	25	31	31.5	28.3	26.3	27.9	32.4	24.2	78	78	61	57	79	70	70.5	.....
13..	58.82	59.14	59.53	57.24	57.71	59.23	58.61	24.4	23.2	30.6	30.8	26	23.6	26.4	31.8	22.1	74	81	62	61	73	75	71	.....
14..	57.88	57.98	58.66	56.46	56.41	57.52	57.48	22.6	21.8	28.1	29.6	25.8	25	25.5	30.6	20.5	78	80	65	55	76	76	71.7	.....
15..	55.93	55.64	55.65	52.55	52.04	51.46	53.88	23.9	23.9	26	27.2	26	25.8	25.5	28.6	23	83	84	89	84	88	92	86.7	4.5
16..	48.95	47.49	50.57	50.64	51.80	53.43	50.48	25.6	25.5	29	30.8	27.5	26	27.4	31.6	24.8	88	88	79	70	84	90	83.2	.....
17..	53.67	53.57	54.18	52.18	51.66	54	53.21	25.6	25	27.6	27.4	26	26.6	26.4	29.2	24.4	84	86	87	83	84	72	82.7	1.5
18..	53.87	54.04	54.88	53.84	54.58	55.77	54.50	25.5	24	30	30.5	25.5	25	26.8	33.2	23.5	86	91	73	72	93	93	84.7	3.7
19..	55.23	55.52	56.80	55.39	56	57.56	56.08	24.8	24.4	31.6	30	27.8	26.9	27.6	32.6	23.6	95	91	72	75	88	93	85.7	.....
20..	56.67	57.28	58.30	57.03	57.37	58.43	57.51	25.9	24.8	32.4	31.3	27.2	25.9	27.9	34	24.3	91	93	65	71	84	90	82.3	.....
21..	57.61	57.73	58.23	56.10	55.65	56.57	56.98	25	23.5	31	32.2	28.1	25.2	27.5	32.6	22.8	89	87	65	60	82	88	78.5	2.8
22..	54.69	54.37	53.76	50.77	50.56	51.70	52.64	24.7	24.4	25.6	28.5	25.6	26.7	25.9	30.2	23.5	91	91	93	83	93	83	89	61.1
23..	51.88	53.67	55.40	55.32	55.97	57.46	54.95	24.5	26	26.5	23.7	25.4	25	25.2	27.3	23	94	92	84	94	88	88	90	22.5
24..	57.01	57.46	58.92	57.49	57.70	58.70	57.88	25.9	26	27.1	27	25.4	25.6	26.2	29.3	23.8	82	80	80	84	85	85	82.7	24.7
25..	57.81	58.29	59.02	56.83	57.30	58.69	57.99	23.7	23	25.1	26.5	25.4	24.4	24.7	27.7	22.5	90	93	87	80	80	88	86.3	2.5
26..	58.37	59.03	60.35	59.26	60.06	61.66	59.79	23.9	22.6	29	29.5	26.6	25	26.1	30.1	21.9	84	90	68	68	86	92	81.3	.....
27..	60.77	61.19	62.60	60.79	61.13	61.90	61.40	24	23.5	31	31.5	27.9	26	27.3	32.5	22.5	91	91	68	68	82	92	82	.....
28..	60.78	61.10	62.35	60.50	61.01	61.56	61.22	25.3	24.4	30.6	31.5	28	26	27.6	32.7	23	88	91	65	60	81	79	77.3	.....
29..	60.77	60.67	61.05	58.85	59.20	59.83	60.06	24.5	22.9	30	32.6	28.4	25.6	27.3	32.7	22.3	89	88	66	57	75	87	77	.....
30..	59.14	59.76	60.38	58.56	58.92	60.06	59.47	24.8	23.5	31.9	31.2	27	25.9	27.4	33.7	22.6	83	85	55	61	82	88	75.7	.....
31..	59.27	59.77	60.54	58.87	59.54	60.81	59.80	24.2	23.9	31.7	32.1	28.5	26	27.7	33.9	23	91	88	63	63	80	84	78.2	.....
Mean	56.84	57.11	58.06	56.32	56.70	57.86	57.15	24.8	24.2	29.1	29.7	27	25.7	26.7	31.2	23.2	87.3	87.7	73.6	71.8	82.6	85.5	81.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	201.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	NW	NWbyN	NNW	NNW	NNW	55.8	95.5	151.3?	93.8	396.4	3	Ci. NW	Cu. NW	4	Ci.	Cu. NWbyN
2..	NNW	NNW	NbyW	NNW	NbyW	NNW	78.6	118?	173.6	81.5	451.7	4	Ci.-S. N	Cu.-N. N	6	Ci.	Cu.-N. NNW
3..	NNW	NNW	NNW	NW	NW	NW	[a]50.9	[b]111.8?	146.4	74.2	383.3	10	.....	Cu.-N. NNW	10	.....	Cu.-N. NW
4..	WNW	W	SSW	SSW	SSW	S	52.6	60	56.8	33.2	202.6	8	Ci.-S. W	Cu.-N. W	10	.....	N. SSW
5..	Calm	Calm	SW	SSW	Calm	Calm	30	43.1	72.2	28.5	173.8	10	.....	Cu.-N. SSW	6	Ci.	Cu. SSW
6..	Calm	SE	SSW	SSW	Calm	Calm	37.8	52.1	[b]42	[a]18.2	150.1	9	Ci.	S.-Cu.	9	Ci.-S.	Cu. SW
7..	Calm	Calm	NW	NNW	NWbyN	NW	29.3	59	[c]54.4	[b]43.3	186	3	Ci.-S.	S.-Cu.	3	Ci.-S. NW	Cu.
8..	Calm	Calm	WSW	WNW	Calm	NW	26.2	30.9	43.1	22.8	123	2	Ci.	Cu.	3	Ci.	Cu.
9..	NW	NNW	NW	NWbyW	WNW	NW	31.9	45.9	63.4	35.2	176.4	1	Ci.	Cu.	3	Ci.	Cu.
10..	Calm	Calm	WNW	NNW	NW	WNW	34.6	54.5	101.7	42.4	233.2	3	.....	S.-Cu.	2	Ci.	Cu.
11..	Calm	Calm	NW	NWbyN	NW	NW	26.6	56.3	113.5	42.8	239.2	1	.....	S.-Cu.	3	.....	cu. NWbyN
12..	NW	Calm	NW	NW	NW	NW	25.2	44	77.2	87.3	183.7	9	Ci.-S. W	S.-Cu. WNW	2	Ci.	Cu.
13..	NW	Calm	NW	NNW	NNW	NNW	41.6	70	134.1	73.5	319.2	5	Ci.	S.-Cu. NW	5	Ci.	Cu.
14..	NNW	NNW	NbyW	NNW	NNW	NbyW	49.1	129.2	194.2	117.7	490.2	4	Ci. N	Cu.	4	Ci. NNW	Cu. NNW
15..	NNW	NNW	NNW	NNW	NNW	NNW	83.9	162.7	260.7?	215.6	722.9	4	Ci.-S. NNW	S.-Cu. NNW	10	.....	cu.-N. NNW
16..	NNW	NW	SSW	NW	Calm	SW	144	121.8	79.7	35.2	380.7	9	Ci.-S. NW	S.-Cu. NW	4	Ci.-S. SSW	Cu.-N. SSW
17..	Calm	Calm	NW	NWbyN	Calm	ESE	31.2	35.9	44.9	29.1	151.1	8	Ci.-S.	S.-Cu. SW	10	.....	Cu.-N. SW
18..	NW	Calm	Calm	WNW	N	Calm	29.5	[b]22	61.2	34.4	147.1	10	Ci.-S.	S.-Cu. SSW	9	Ci.-S. SSW	Fr.-Cu. SSW
19..	Calm	NNW	Calm	NW	Calm	Calm	30	34.4	47.8	23.9	136.1	3	Ci.	S.-Cu.	8	A.-S. SSW	Cu.
20..	Calm	NNW	Calm	WNW	NNW	Calm	19.3	37.5	68.7?	29	154.5	4	A.-Cu. SSW	S.-Cu. SW	8	Ci.-S.	Cu.-N. WNW
21..	NWbyN	Calm	NW	NW	NW	NW	34.1	44.8	80.5	83.7	243.1	2	Ci.	S.-Cu.	3	Ci.	Cu. NW
22..	NW	NWbyN	Calm	N	NNW	WNW	43.1	49.4	150.8	126.8	370.1	6	A.-Cu. NNW	Cu.-N. NNW	10	Ci.-S. N	Cu.-N. N
23..	SW	SSW	SSW	SSW	S	S	113.5	161.7	154.5	132	561.7	10	.....	N. SSW	10	.....	Fr.-N. SSW
24..	S	SSW	SSW	SSW	WbyS	SW	148.1	141.6	100.9	62.5	453.1	10	Ci.-S.	Cu.-N. SSW	10	A.-Cu.	S.-Cu. SSW
25..	W	W	SW	SSW	SSW	SSE	56.1	62.2	119.1	67.9	305.3	10	Ci.-S.	S.-Cu. WSW	10	Ci.-S.	S.-Cu. SSW
26..	ESE	ESE	NbyW	NW	NW	NW	48.3	59.2	96.8	88.9	242.7	6	Ci.-S. NW	S.-Cu.	2	Ci.-S. SW	Cu.
27..	NNW	Calm	W	WSW	WSW	W	29.3	37.5	44	23.3	134.1	3	Ci.-S. W	S.-Cu.	5	A.-Cu. ENE	S.-Cu. NE
28..	W	NbyW	W	WNW	Calm	W	25.9	40	56.3	32.2	154.4	2	Ci.-S.	Cu.	3	A.-Cu. E	S.-Cu.
29..	W	N	W	W	W	W	30.9	30.8	45.4	29	136.1	2	.....	Cu.	1	.....	Cu. NE
30..	W	ESE	NW	NW	NW	NW	43.5	35.1	77.4	26.4	182.4	2	Ci.-S.	Cu.	1	.....	Cu.
31..	NW	ESE	WbyN	WSW	SW	SW	28.8	40.2	56.8	22.5	148.3	6	Ci.-S. SE	S.-Cu.	3	Ci.-S.	Cu. WSW
Mean	.....	.....	.....	.....	.....	.....	48.7	67.3	95.8	57	268.8	5.5	.....	.....	5.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[d]8,332.5	.....	.....	.....	.....	.....	.....

[a] 2 hours missing. [b] 1 hour missing. [c] 3 hours missing. [d] 11 hours missing.

VIGAN.

[ϕ=17° 34′ N; λ=120° 23′ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.98	60.25	60.62	58.69	58.85	60.11	59.75	25.8	24	32.5	31.1	27.5	25.5	27.7	34.4	23.6	78	87	59	65	82	92	77.2	.....
2..	59.46	59.71	60.53	58.48	58.76	59.84	59.46	24.3	23.4	31.4	31.6	27	25.5	27.2	33.2	22.9	94	92	57	62	83	88	79.3	.....
3..	59.52	60.	60.85	58.58	58.60	59.96	59.58	23.9	23.8	30.8	31	28.4	26	27.3	31.7	23	94	88	63	63	77	84	78.2	.....
4..	59.13	59.40	60.49	58.48	59.01	60.26	59.46	23.8	22	30	31	28	25	26.6	31.8	21.1	82	78	53	51	70	80	69	.....
5..	59.74	59.64	60.59	58 79	59.34	60.60	59.78	24.1	22.9	30.5	31	27	25.1	26.8	32.8	22.4	79	79	56	51	75	81	70.2	.....
6..	59.96	60.01	60.59	58.54	59.10	60.69	59.82	24.2	23.3	30.5	30.9	28	26.1	27.2	32.2	22.6	78	89	68	69	81	90	79.2	.....
7..	60.39	60.99	61.17	59.27	59.54	60.61	60.33	25.2	24.4	31.7	31	28	25.7	27.7	33	23.6	90	91	64	65	77	81	78	.....
8..	60.17	60.34	61.37	59.65	60.17	60.94	60.44	23.6	23	32	30	28.5	27	27.4	33.1	22	88	83	57	65	74	81	74.7	.....
9..	60.71	61.27	62.03	59.57	59.92	61.68	60.86	25.3	24.3	31.5	32	27.8	25.9	27.8	32.9	23.8	77	77	57	58	79	81	71.5	.....
10..	61.40	61.72	62.60	59.83	60.49	61.95	61.33	24.3	22.5	31.5	34	27.8	27.1	27.9	34.3	21.5	73	78	46	40	50	52	56.5	.....
11..	61.10	61.15	61.98	59.51	60.40	61.85	61	26 5	26	31.6	33.5	28.9	26	28.8	34	24.2	43	48	39	37	47	60	45.7	.....
12..	60.65	61.04	61.92	59.55	59.78	61.15	60.68	24.4	22.8	31.5	31.5	27.6	23.6	26.9	32.7	22	71	71	48	49	69	86	65.7	.....
13..	60.81	61.17	61.98	60.10	60.71	62	61.13	22.8	22.4	32.5	31.4	28	24.8	27	34.7	21.4	84	82	44	53	77	87	71.2	.....
14..	61.11	61.12	61.72	60.15	60.74	61.49	61.06	24.7	24.1	31.5	30.8	27.5	27.9	27.8	33.8	22.7	80	74	54	62	81	59	68.8	.....
15..	61.01	61.28	62.07	58.97	59.52	61.18	60.67	27.9	25.6	31	34.4	29.5	27	29.2	34.8	24	57	68	42	32	43	56	49.7	.....
16..	60.63	60.88	61.36	59.07	59.67	60.82	60.40	25.9	25.5	32	31	27.5	23.9	27.6	34.7	22.5	56	58	40	50	66	81	58.5	.....
17..	60.37	60.62	61.95	59.54	59.67	60.37	60.42	22.7	22	29.8	30.5	27.3	24	26	30.8	21	81	78	62	53	71	79	70.7	.....
18..	60.26	60.40	61.43	58.89	59.56	60.11	60.11	22.6	22.4	30.2	30.5	27.4	25.5	26.4	31.2	21.5	82	72	52	47	70	68	65.2	.....
19..	59.92	60.45	61.14	59.40	59.69	60.83	60.24	24.1	22.5	30.5	30.6	25.9	25.6	26.5	32.6	22	72	77	50	51	77	79	67.7	.....
20..	60.32	61.13	62.24	59.94	59.88	60.40	60.65	24	22.1	31.4	30	27	25.7	26.7	31.8	21.6	81	84	52	59	77	80	72.2	.....
21..	59.71	59.92	61.02	58.94	59.94	60.85	60.06	24.1	23.7	31.5	30.5	26.4	24.8	26.8	32.2	22.3	78	76	54	63	81	88	73.3	.....
22..	59.95	60.80	61.33	58.79	60.03	60.44	60 22	23.8	22.6	30	30	26	24.1	26.1	30.6	21.8	89	90	57	59	81	89	77.5	.....
23..	59.52	59.90	60.70	58.95	59.79	60.83	59.95	24.2	22.6	30.8	29.7	26.9	24.1	26.4	31.5	21.5	86	90	64	60	77	86	77.2	.....
24..	59.81	59.89	60.73	58.56	59.35	60.31	59.78	22.8	22	30.5	31.4	27.9	26.5	26.8	32.2	21.5	88	91	59	56	74	72	73.3	.....
25..	59.27	59.64	60.90	58.53	59.35	60.14	59.64	26.2	24.2	31.2	31.5	27.1	24.5	27.4	32.6	23.5	66	78	61	54	80	83	70.3	.....
26..	59.24	59.63	60.99	58.79	59.63	60.99	59.88	23.8	23.5	31.9	31.2	27.9	24.3	27.1	32.3	23	82	87	55	60	78	86	74.7	.....
27..	60.39	60.67	61.50	59.16	60.11	60.80	60.44	23.7	22.8	28	29.4	26.8	23.9	25.8	31.5	22.1	85	92	74	68	71	87	79.5	.....
28..	59.89	60.37	60.91	58.78	59.21	60.21	59.90	23	22	29.9	30	26.3	24.4	25.9	30.9	21.5	86	91	65	65	82	84	78.8	.....
29..	59.60	60.60	61.48	59.45	59.99	60.91	60.34	23.5	22.5	30	32	28.4	25.4	27	32.2	22	87	91	59	55	71	80	73.8	.....
30..	60.27	60.34	61.30	59.52	59.93	61 ·	60.39	24.7	25.5	31.5	31.4	28.1	25.5	27.8	33.8	23.5	78	68	54	54	73	72	66.5	.....
Mean	60.14	60.48	61.32	59.15	59.69	60.78	60.26	24.3	23.3	31	31.2	27.5	25.3	27.1	32.7	22.4	78.8	80.3	55.5	55.9	73.1	79.1	70.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SSW	SW	WNW	NNW	NW	32.2	34.9	72.2	21.2	160.5	4	Ci.-S.	Cu. NE	2	.....	Cu. E
2..	NW	N	NNW	WNW	NW	NW	35.2	33.8	76.7	27.6	173.3	4	Ci.-S.	Cu. SW	2	.....	Cu. NNW
3..	NNW	S	NbyW	NW	WNW	SSW	33.3	52.3	78.3	24.9	188.8	2	Ci.-S.	Cu.	3	.....	Cu. NE
4..	SSW	SE	NW	WbyN	Calm	WNW	24.9	41.3	64.7	29.5	160.4	2	Ci.-S.	Cu.	1	Ci.-S.	Cu.
5..	E	NNW	NbyW	NW	NW	NW	60.7	47.8	70.3	30.6	199.4	6	Ci.-S. NNE	Cu.	3	Ci.-S. NE	Cu.
6..	NW	NbyW	NNW	NNW	W	WNW	36.5	38.8	64.1	18.8	158.2	7	Ci.-S. NE	Cu.	4	A.-Cu.	Cu. NNE
7..	W	W	WbyN	WNW	Calm	W	32.2	40.8	80.5	20.7	174.2	7	Ci.-S.	Cu. E	3	Ci.-S.	Cu. NNE
8..	WNW	NW	NNW	WbyS	W	WbyS	25.7	34.9	43.1	19.1	122.8	1	.....	Cu.	8	A.-Cu.	S.-Cu. E
9..	W	NE	N	WNW	NW	WSW	55.7	49.4	77.4	29.2	211.7	1	Ci.-S.	Cu.	1	.....	Cu.
10..	WSW	ESE	EbyN	NbyW	NNE	NNW	32.2	52	111.8	123.9	319.9	3	Ci.-S. S	Cu.	1	.....	Cu. E
11..	NNE	NE	NE	NNE	NbyW	NW	97.9	95.3	96.6	43.5	333.3	1	Ci.-S.	Cu.	1	.....	Cu. E
12..	NE	NE	NW	WbyN	W	W	40.2	37	49.1	16.9	143.2	1	A.-Cu. S	Cu.	1	A.-Cu.	Cu. SE
13..	W	EbyS	EbyS	NNW	Calm	NW	33.2	36	58.4	10.8	138.4	1	.....	Cu.	1	.....	Cu. SE
14..	NNW	Calm	WbyN	SSW	WbyN	N	20.3	34.4	68.7	72.9	196.3	5	A.-Cu. ESE	S.-Cu.	5	A.-Cu.	Cu. E
15..	NNE	NNE	NNE	EbyN	N	ENE	54.1	116.5	95.2	64.2	330	1	.....	Cu.	1	.....	Cu.
16..	ENE	E	NE	NNW	W	Calm	51.5	56.3	59.8	20.1	187.7	1	.....	Cu.	1	.....	Cu.
17..	ENE	ENE	NNW	WNW	WNW	W	32.7	46.7	73.8	20.1	173.3	1	.....	Cu.	1	Ci.-S.	Cu.
18..	ESE	ESE	WNW	WNW	NW	SE	33.2	51.5	72.9	37.2	194.8	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
19..	ENE	ESE	E	WNW	NNW	NW	40.4	47.5	73.5	20.9	182.3	2	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu. N
20..	NW	E	Calm	WNW	NW	WNW	41	41.5	49.9	18.2	150.6	2	Ci.-S.	Cu.	1	.....	Cu.
21..	E	SSW	NW	WbyN	NW	NNW	33.6	36.7	71.1	33	174.4	2	Ci.-S.	Cu.	2	.....	Cu. NE
22..	NNW	N	NNW	NW	NW	NNW	21.4	59.5	111	41.6	233.5	6	A.-Cu. S	S.-Cu.	3	Ci.-S. N	Cu.
23..	SSW	SSW	Calm	NNW	NW	NW	28.8	37.3	84	56.8	206.9	6	Ci.-S. SW	S.-Cu.	6	Ci.-S. N	Cu.
24..	NW	NNW	WbyN	W	SW	NW	40.2	33	49.3	45.7	168.2	8	Ci.-S. W	S.-Cu.	4	Ci.-S.	Cu. E
25..	N	N	WNW	W	W	Calm	55.8	40.7	.....	.....	.....	6	Ci.-S. W	S.-Cu.	6	Ci.-S. W	Cu.
26..	ESE	ESE	WSW	SW	Calm	WbyN	.....	.....	47	23.8	.....	4	Ci.-S. W	Cu.	2	Ci.-S.	Cu.
27..	NW	NbyE	NW	NW	NNW	NW	37.8	45.9	100.1	28.7	212.5	3	Ci.-S. NE	Cu.-N.	4	A.-Cu.	Cu. N
28..	NW	NW	NNW	NbyW	NNW	NW	18.8	44.6	141.3	66.3	271	2	Ci.-S.	Cu.	2	.....	Cu.
29..	NW	NNW	NW	W	WNW	WbyN	22.5	33.2	53.4	25.1	134.2	1	.....	Cu.	1	.....	Cu.
30..	NW	SE	WbyN	WbyN	Calm	W	21.5	52.8	61.7	33.2	169.2	5	A.-Cu. SSE	S.-Cu. SE	1	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	37.4	47.3	74.3	35.3	195.3	3.2	.....	.....	2.5	.....	.....

VIGAN.

[$\phi = 17°\ 34'$ N; $\lambda = 120°\ 23'$ E; barometer above sea, 12.2 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.67	60.70	61.68	59.01	59.30	60.66	60.34	24.9	23.9	30	30.5	27.3	25.9	27.1	30.9	23	72	72	53	53	78	73	66.8	.....
2..	60.42	60.69	61.86	59.40	60.04	60.88	60.55	24	22.1	28.5	30.5	26.6	24.6	26	31	21.6	74	86	68	59	79	82	74.7	.....
3..	60.39	60.51	61.40	58.84	58.73	60.14	60	22.8	22	31.6	31.9	28.6	27.4	27.4	33.8	20.8	86	88	48	51	53	62.3	.....	
4..	59.61	60.19	61.16	59.15	59.57	60.72	60.07	25.8	24	30.4	30.1	26.4	24	26.8	32.4	23.2	52	60	45	53	70	75	59.2	.....
5..	60.21	60.29	61	59.21	60.04	61.06	60.30	23.2	22.3	29.6	29.9	27.5	24.4	26.2	31	22	74	76	54	59	73	85	70.2	.....
6..	61.04	61.91	62.80	60.22	60.53	61.79	61.38	23.5	22.5	29.6	30.5	26	23.8	26	30.8	22	85	87	62	54	76	81	74.2	.....
7..	61.57	62.07	62.84	60.73	60.95	61.14	61.55	24.2	22.4	30.1	30	25.5	22.6	25.8	31.2	21.7	62	63	48	59	79	77	64.7	.....
8..	60.61	61.28	63.01	60.89	61.51	62.20	61.58	21.6	21.5	29.3	29.5	25.9	23.1	25.2	30.7	20.1	76	74	52	55	74	82	68.8	.....
9..	61.22	61.23	62.18	59.21	60.01	60.85	60.78	22.1	21	29	29.5	26.4	23.1	25.2	30.7	19.7	78	77	55	59	70	82	70.2	.....
10..	60.36	61.02	61.50	59.59	60.35	61.06	60.65	21.1	21	29	30.5	27.4	25.9	25.8	31.1	20.4	87	87	62	62	74	85	76.2	.....
11..	60.47	60.49	61.34	58.86	59.98	60.14	60.21	24.8	22.9	29	29.9	26	24.1	26.1	30.8	22.3	85	88	61	60	76	86	76	.....
12..	59.36	60.17	61.15	58.87	59.59	60.21	59.89	23.2	22.5	29.4	28.9	26.5	25.5	26	31.2	21.4	84	82	59	67	76	68	72.7	.....
13..	59.15	59.59	60.80	58.71	59.29	60.62	59.69	21.8	19.3	29.1	30	26.8	24	25.2	30.1	18.5	74	87	61	56	75	83	72.7	.....
14..	60.22	60.33	61.06	58.71	59.04	59.94	59.88	22.8	21.3	29.5	29.1	27.1	24.9	25.8	31.3	20.6	81	84	59	60	78	84	74.3	.....
15..	60.16	60.38	61.14	58.93	59.64	60.60	60.14	23.6	22.1	30	30.5	27.7	26.9	26.8	31	21.5	87	90	62	62	79	85	77.5	.....
16..	59.91	59.94	61.32	59.87	60.53	61.59	60.53	25.9	24.4	31.1	30.6	27	26.5	27.6	32.3	22.9	83	80	62	62	80	83	75	.....
17..	60.95	61.09	62.23	59.87	60.43	61.48	61.01	24.3	23.1	29.5	30	26.6	25	26.4	31.2	22.6	90	83	61	64	80	87	77.5	.....
18..	61.02	61.17	61.96	59.73	60.50	61.35	60.96	23.9	22.6	30	30.4	26.9	24.3	26.4	32.7	22	84	78	41	56	74	81	69	.....
19..	61.56	61.98	62.64	60.57	61.45	62.31	61.75	23.3	22	30	30	26.5	23.8	25.9	31	21.3	72	71	43	44	69	73	62	.....
20..	61.67	61.66	62.15	59.88	60.86	61.29	61.24	23.3	21.5	30.8	30	27	25	26.3	31.8	21.3	69	78	48	53	76	76	66.7	.....
21..	60.77	60.84	61.36	59.49	59.57	60.44	60.41	22.9	21.8	30.4	29.9	26.5	24	25.9	32.3	21.1	83	83	49	56	76	83	71.7	.....
22..	59.78	60.52	61.54	58.94	59.51	60.43	60.12	22.5	22	28.5	30	26.2	24.9	25.7	31.2	21.4	82	78	59	55	76	83	72.2	.....
23..	59.44	59.99	61.25	58.51	58.77	59.58	59.59	24.2	21.8	27.9	30	26.8	22.4	25.4	30.8	21.1	78	84	61	53	70	79	70.8	.....
24..	58.94	59.58	60.54	58.05	58.72	59.55	59.22	20.5	20.5	29.5	30	26.9	26	25.6	30.6	19.1	77	69	48	46	70	50	60	.....
25..	58.67	58.74	59.15	56.08	56.36	56.91	57.64	22.7	21.3	28.8	30	26.6	26.3	26	30.8	20.6	71	78	61	63	76	68	69.5	.....
26..	55.58	55.86	57.44	55.69	56.04	57.81	56.40	25.9	24.9	30.6	31.4	27.5	26.5	27.8	33.3	23.7	72	76	62	60	81	76	71.2	.....
27..	57.56	58.42	59.64	57.73	58.60	60.04	58.66	24.7	22.8	29.5	31	27.8	25.5	26.9	31.4	22.1	84	83	63	61	79	88	76.3	.....
28..	59.91	60.10	61.74	58.71	59.39	61.28	60.19	23.8	23	28.5	28.6	25.6	24	25.6	30	22.4	91	93	67	66	77	75	78.2	.....
29..	60.61	60.74	61.66	59.30	59.79	61.31	60.57	22.9	22.5	28.5	30.4	28.5	24.9	26.3	30.7	21.7	79	79	64	56	51	76	67.5	.....
30..	60.76	61.10	62.31	59.46	59.70	61.06	60.73	23.9	23	28	29	26.1	26	26	29.8	22.2	77	81	67	58	75	62	70	.....
31..	60.49	61.18	62.21	59.65	59.99	61.40	60.81	25.1	23.1	29.1	30.6	27.4	25.6	26.8	30.8	22.5	70	82	64	55	71	80	70.3	.....
Mean	60.10	60.44	61.42	59.09	59.64	60.64	60.22	23.5	22.3	29.5	30.1	26.8	24.9	26.2	31.2	21.5	78	79.9	57.1	57.2	73.8	77.5	70.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NW	NW	NW	NW	NW	SW	27.6	46.7	68.6	34.4	177.3	2	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
2..	NW	NW	WNW	W	NW	Calm	34.3	38.1	62.8	13.9	149.1	2	Ci.-S.	S.-Cu.	2	.....	Cu.
3..	NW	NW	EbyN	NNW	E	NE	17.4	40.8	83.9	96.8	238.9	6	Ci.-S. SW	S.-Cu.	3	Ci.-S.	Cu. E
4..	NE	NE	NE	WNW	WNW	W	106.2	41.8	77.2	31.4	256.6	7	Ci.-S. SW	S.-Cu.	7	Ci.-S. SW	S.-Cu.
5..	E	E	NW	NW	WbyN	WbyN	52.8	51.8	69	20.7	194.3	7	Ci.-S. W	S.-Cu.	2	Ci.-S.	Cu.
6..	WbyN	WbyN	NW	NW	NW	W	26.9	61.2	104.6	33.8	226.5	8	Ci.-S. W	Cu.	2	Ci.-S. W	Cu.
7..	E	E	NW	WNW	NW	NW	69.2	48.9	91.1	27.7	236.9	6	Ci.-S. S	Cu.	3	Ci.-S.	Cu. N
8..	NW	EbyS	NW	NW	WNW	WNW	41.3	43.7	68.1	24.4	177.5	7	Ci.-S. SE	Cu.	3	Ci.-S.	Cu. ENE
9..	NW	ESE	NNW	W	Calm	NW	45.1	44.3	70.8	29	189.2	4	Ci.-S.	Cu.	2	Ci.-S.	Cu.
10..	N	N	NW	SW	WbyN	WbyN	38.6	42.6	62.5	28.7	172.4	7	Ci.-S. SW	Cu.	6	A.-Cu.	s.-Cu. WNW
11..	N	NE	NW	NW	NW	NW	36.2	44.1	98.2	40.5	219	6	Ci.-S. SW	Cu.	4	Ci.-S. SW	Cu.
12..	E	E	N	NW	NNW	SE	42.9	42.9	77.4	33.6	196.8	6	Ci.-S.	Cu.	3	Ci.-S.	Cu. NNE
13..	SE	SE	W	W	W	W	25.7	45.7	57.9	22.8	152.1	3	Ci.-S. SW	Cu.	3	A.-Cu. S	Cu.
14..	N	N	NW	NW	Calm	SW	39.1	45.9	67.3	26.6	178.9	3	Ci.-S. S	Cu.	3	Ci.-S. S	Cu.
15..	SW	SW	NbyW	NW	W	SW	31.9	47.3	77.7	22.3	179.2	10	Ci.-S. SSE	S.	2	Ci.-S.	Cu.
16..	ESE	E	NNW	WNW	NW	NW	39.1	43.5	86.6	24.4	193.6	2	Ci.-S.	Cu.	4	A.-Cu. SE	Cu.
17..	NW	NbyW	NNW	NW	NW	NW	33.8	45.1	90.9	26.6	196.4	6	Ci.-S. S	Cu.	4	Ci.-S.	Cu. N
18..	NW	ESE	NNE	W	NbyW	NW	45.1	46.7	71.9	[a]17.4	181.1	4	Ci.-S. SE	Cu.	6	Ci.-S. SE	Cu. NE
19..	E	E	NW	NW	NW	NW	[b]18.8	39.4	94.1	28.2	180.5	5	Ci.-S. SE	Cu.	3	Ci.-S. S	Cu.
20..	SE	SE	Calm	WNW	Calm	SW	41.8	39.4	74.5	18.7	174.4	4	Ci.-S. SW	Cu.	6	Ci.-S. SE	Cu.
21..	SE	W	Calm	WNW	NW	NW	27.9	44.8	70	26	168.7	6	Ci.-S. SSE	S.-Cu.	7	Ci.-S. S	Cu.
22..	N	E	E	W	WNW	WbyN	42.1	39.6	57.3	29.3	168.3	9	Ci.-S. S	Cu.	8	Ci.-S. S	Cu.
23..	N	N	N	NW	NNW	WNW	27.6	60.6	88.5	20.4	197.1	7	Ci.-S. SW	Cu.	5	Ci.-S. SW	Cu.
24..	Calm	EbyS	NW	WNW	SSW	NE	26.9	44.5	71.1	52.1	194.6	4	Ci.-S. S	Cu.	3	Ci.-S. S	Cu.
25..	NW	WSW	NW	N	N	N	19.9	57.9	167.3	117.8	362.9	10	Ci.-S.	S.-Cu. S	7	Ci.-S. SE	Cu.
26..	N	N	SW	SW	SW	SW	114	54.4	45.4	52	265.8	3	Ci.-S. SSE	Cu.	8	Ci.-S. S	Cu. E
27..	SE	SE	NW	WbyN	Calm	WbyN	28.5	49.9	56.6	15.9	150.9	7	Ci.-S.	Cu. SW	8	Ci.-S. SW	Cu.
28..	NW	NbyW	NbyW	N	N	NNW	22.8	102.5	206.8	94.4	426.5	9	Ci.-S. SE	S.-Cu. N	5	A.-Cu. SW	Cu.
29..	NNW	NNW	NbyW	NbyW	EbyN	NW	40.8	124.5	151.3	70.5	387.1	3	Ci.-S.	Cu. E	5	A.-Cu. SE	Cu. E
30..	NNW	NbyW	NNW	NNW	NbyW	NE	77	85.8	142.9	65.5	371.2	9	A.-Cu. SE	S.-Cu. NE	5	A.-Cu. SE	Cu.
31..	NNW	NNW	WNW	WNW	W	W	46.9	48.9	63.8	11.6	171.2	4	A.-Cu. SE	Cu.	4	A.-Cu. SE	Cu.
Mean	.....	.....	.....	.....	.....	.....	41.6	52	86.3	37.3	217.3	5.7	.....	.....	4.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]6,735	.....	.....	.....	.....	.....	.....

[a] 1 hour missing. [b] 2 hours missing. [c] 3 hours missing.

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	62.26	62.52	63.70	61.40	61.53	62.30	62.28	18.7	18.6	20.5	24.6	22.5	21.4	21	25	18	94	94	86	68	83	91	86	1
2..	62.19	62.49	64.08	62.81	62.95	63.55	63.01	20.8	20.7	21.5	22.3	21	20	21	23.4	19.3	94	94	87	81	85	90	88.5	.....
3..	62.96	63.56	64.98	63.18	62.79	64	63.58	19.1	18.7	22	23.8	20.5	19.5	20.6	24.2	18.4	91	93	78	81	90	87	86.7	.....
4..	63.51	63.62	64.55	62.37	62.64	64.07	63.46	19.2	18.8	21.8	23.7	21.7	19.7	20.8	25.4	18.6	90	94	84	77	80	89	85.7	.....
5..	63.64	63.59	64.70	62.63	62.53	63.50	63.43	19.3	19	21.6	24	21.9	20	21	24.6	18.5	91	94	87	72	75	85	84	.....
6..	63.17	63.76	65.43	62.97	63.33	64.23	63.82	19.5	19.3	22	24.5	22	20.5	21.3	26	19	88	88	78	64	77	86	80.2	.....
7..	63.47	63.91	65.36	64.35	64.90	66.97	64.83	19.7	19.8	21	21.1	18.7	18.4	19.8	22	17.3	87	87	81	81	84	82	83.7	.....
8..	65.81	66.56	67.94	66.20	66.42	67.40	66.72	17.3	16.8	19.6	20.6	18.1	17.1	18.2	21.4	16.4	85	87	72	68	77	84	78.8	.....
9..	66.45	66.63	67.47	65.14	65.20	66.34	66.20	16.9	16.4	19.9	22.1	18.5	17.4	18.5	23.9	15.5	84	85	70	61	80	89	78.2	.....
10..	65.35	65.28	66.02	63.88	63.95	64.80	64.88	16.3	16.4	18.4	23.2	20.8	17.8	18.8	24.2	14.9	91	92	86	70	77	92	84.7	.....
11..	64.04	64.48	65.39	62.68	62.75	64.05	63.90	17.1	15.4	20	26	22.8	20.8	20.4	26.8	14.8	91	96	89	59	79	87	83.5	.....
12..	63.19	63.27	64.20	61.90	62.10	62.86	62.92	20.2	19.6	22.3	25.1	22.8	20.9	21.8	25.8	19.4	91	94	95	72	84	92	88	.....
13..	62.14	62.03	63.33	61.53	62.25	63.65	62.49	21	21	23	24.7	21.5	20.5	22	26.9	19.6	91	92	84	78	87	91	87.2	.....
14..	63.94	64.07	65.18	63.10	63.67	65.36	64.22	20.2	19.4	22.1	24.5	20.1	18.9	20.9	25.1	18.3	90	89	77	68	81	86	81.8	.....
15..	65.21	65.06	65.75	63.69	63.91	64.82	64.74	18	18.1	21.8	26.2	21.1	19.7	20.8	26.3	17.8	90	90	71	58	72	84	77.5	.....
16..	64.31	64.30	65.63	62.28	62.93	64.10	63.92	18.9	18.5	22.2	25.2	20.7	19.6	20.8	26.1	18.1	88	89	76	60	82	85	80	.....
17..	63.86	63.72	64.29	61.78	61.90	62.82	63.06	18.6	17.8	21.5	25.3	21.5	20	20.8	25.6	17.6	87	93	73	59	74	80	77.7	.....
18..	62.12	62.22	63.56	61.16	60.97	61.98	62	17.4	17.5	22	25	23.2	21.4	21.1	25.4	16.4	90	93	77	62	73	80	79.2	.....
19..	61.49	61.70	62.76	60.58	61.43	62.93	61.82	20.4	20.1	23.6	26.4	23	21.1	22.4	26.8	19.8	89	91	74	63	79	93	81.5	.....
20..	62.66	63.10	65.04	63.33	63.50	65.12	63.79	20.4	19.6	22.2	22.1	19.6	18.5	20.4	22.5	17.8	94	92	91	77	78	84	86	.....
21..	63.86	64.51	65.25	63.14	63.37	64 17	64.05	17.9	17.5	21	22.2	19.3	17.3	19.2	22.8	16.6	88	87	73	68	75	85	79.3	.....
22..	63.31	63.76	65	62.83	62.80	64.49	63.70	16.3	16	21.1	27.2	21.5	19.7	20.3	27.6	14.9	92	92	73	53	68	79	76.2	.....
23..	64.20	63.92	64.32	62.20	61.96	63.11	63.28	18.7	18	22.3	24.1	21	19.5	20.6	24.5	17.5	82	85	72	64	83	86	78.7	.....
24..	62.40	62.80	63.70	61.05	61.70	62.89	62.42	18.9	18.5	21.7	24.8	20.1	19.7	20.6	25.3	18.2	90	92	79	70	85	84	83.3	.....
25..	62.39	62.80	63.96	62.08	61.96	63.27	62.74	19.1	18.8	22	23.8	21.1	19.2	20.7	24.8	18.2	87	87	67	61	73	80	75.8	.....
26..	63.09	63.21	64.14	62.85	62.90	63.87	63.34	19.1	19	21.8	22	20.5	18.6	20.2	22.7	18.3	79	79	72	69	79	84	77	.....
27..	63.01	63.25	64.21	61.16	61.39	62.45	62.58	18.2	17.5	21.5	23.3	21	19	20.1	25.3	16.4	87	90	73	73	71	81	79.2	.....
28..	62.04	62.35	63.07	60.33	60.27	61.57	61.60	18.2	17.8	22	24.1	21.2	20	20.6	26.8	16.3	84	86	74	67	75	83	78.2	.....
29..	61.10	61.33	62.30	60.55	60.62	61.94	61.31	19.3	19	21.6	23.5	22.3	20.2	21	24.4	18.5	88	90	77	72	79	87	82.2	.....
30..	61.28	61.42	62.34	60.42	60.89	62.37	61.45	20.1	19.4	22	23.1	20.3	19.5	20.7	24.2	18.9	87	92	84	86	88	95	88.7	1.5
31..	62.04	62.70	64.30	62.75	63.07	64.14	63.17	18.9	18.5	20	20.4	19.1	18.5	19.2	20.6	18	95	95	91	92	93	93	93.2	2
Mean	63.24	63.48	64.58	62.46	62.66	63.84	63.38	18.8	18.4	21.5	23.8	20.9	19.5	20.5	24.7	17.7	88.9	90.4	79.1	69.5	79.5	86.3	82.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.5

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*				*0–10*		
1..	Calm	....	Calm	....	Calm	....	N	1	NW	1	Calm	....	0.3	10	.....	N.		10	.....	S.-Cu. NW
2..	NW	1	NW	1	N	2	NW	2	NW	2	NW	3	1.8	10	.....	N.		10	.....	N. NE
3..	NW	2	NW	2	NW	3	NW	1	NW	2	N	1	1.8	10	.....	S.-Cu.	N	7	.....	S.-Cu. N
4..	NE	1	NW	1	N	1	NW	2	NW	2	NW	1	1.3	10	.....	S.-Cu.	N	10	.....	S.-Cu. N
5..	NW	1	NW	1	Calm	....	WNW	1	NW	1	Calm	....	.7	8	.....	S.-Cu.	N	10	.....	S.-Cu. N
6..	NW	1	NW	1	NW	1	N	1	NW	1	N	1	1	8	.....	S.-Cu.		10	.....	S.-Cu. N
7..	N	2	NW	2	NE	2	N	3	NW	4	NW	4	2.8	10	.....	S.-Cu.	N	10	.....	S.-Cu. NE
8..	N	3	NW	4	NE	3	NE	3	NW	3	NW	3	3.2	8	.....	S.-Cu.	N	8	.....	S.-Cu. N
9..	NW	3	NW	1	N	2	NW	1	NW	3	NW	1	1.8	10	.....	S.-Cu.	NE	7	Ci.	Cu.-N. N
10..	NW	1	Calm	....	NE	1	SW	1	Calm	....	Calm	....	.5	10	.....	N.	N	7	.....	Cu.-N. N
11..	SW	1	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.3	6	.....	S.-Cu.		8	.....	Cu.
12..	Calm	....	Calm	....	NW	1	N	1	W	1	Calm	....	.5	10	.....	S.-Cu.		10	.....	Cu.-N. N
13..	NW	1	NW	1	NW	1	NW	2	NW	2	NW	4	1.8	10	.....	N.	N	7	.....	Cu.-N. N
14..	NW	3	N	3	NNW	3	NW	2	NW	4	NW	3	3	8	.....	Cu.-N.	N	8	.....	Cu.-N. N
15..	NW	2	N	1	NW	1	N	1	NW	2	Calm	....	1.2	10	.....	S.-Cu.	N	6	Ci.	Cu. N
16..	Calm	....	Calm	....	Calm	....	NW	2	NE	2	N	1	.8	7	.....	S.-Cu.	N	8	.....	Cu.-N. NE
17..	Calm	....	Calm	....	SW	1	NW	1	N	1	Calm	....	.5	10	.....	S.-Cu.		8	.....	S.-Cu. NE
18..	S	1	Calm	....	S	1	Calm	....	Calm	....	N	1	.5	8	.....	S.-Cu.	S	10	.....	S.-Cu.
19..	NE	1	Calm	....	NE	1	NW	1	NW	1	NW	3	1.2	10	.....	S.-Cu.	S	8	.....	Cu. N
20..	NW	2	NW	3	NE	3	NW	3	NW	3	NW	3	2.8	6	.....	S.-Cu.	NE	8	.....	S.-Cu. N
21..	NW	3	NW	2	WNW	2	N	2	NW	2	NW	2	2.2	9	.....	S.-Cu.	N	10	.....	S.-Cu. NE
22..	NNE	1	NW	1	NE	1	N	1	NW	2	NW	2	1.3	10	.....	S.-Cu.	NE	6	.....	Cu. NW
23..	NW	1	Calm	....	NNE	1	Calm	....	Calm	....	NW	1	.5	10	.....	S.-Cu.	N	10	.....	Cu.-N. N
24..	NW	1	NW	1	NW	1	NW	2	NW	2	NW	4	1.8	10	.....	Cu.-N.	NE	8	.....	Cu.-N. E
25..	NW	1	NW	2	NW	2	NE	3	NE	4	NE	4	2.7	8	.....	S.-Cu.		10	.....	S.-Cu. NE
26..	NE	1	NE	1	N	1	NW	2	NE	3	NW	1	1.5	10	.....	S.-Cu.	NE	10	.....	S.-Cu. NE
27..	NE	1	NE	1	N	1	NW	2	NW	1	N	1	1.2	4	.....	S.-Cu.		6	.....	Cu. NE
28..	Calm	....	NW	1	E	1	Calm	....	N	1	Calm	....	.5	10	.....	S.-Cu.		8	.....	Cu.-N. N
29..	N	1	Calm	....	WSW	1	SE	1	NW	1	Calm	....	.7	10	.....	S.-Cu.	N	10	.....	S.-Cu.
30..	Calm	....	Calm	....	N	2	Calm	....	N	1	NW	2	.8	10	.....	N.		10	.....	N. N
31..	NW	2	W	1	NW	1	NW	2	NW	1	Calm	....	1.2	10	.....	Cu.-N.	N	10	.....	N.
Mean	.....	1.2	.....	1	.....	1.3	.....	1.5	.....	1.7	.....	1.5	1.4	9	.....	.....		8.6	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, −1.61 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.								Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	63.64	64.25	64.50	63.65	63.74	64.16	63.99	18.1	18	20.5	20.1	20.1	19.4	19.4	21.8	17.5	95	95	91	93	90	94	93	1.5
2..	62.32	63	64.21	61.90	61.73	61.90	62.51	18.7	18.7	20.9	25.2	23	21.1	21.3	25.7	18.4	95	97	92	77	86	91	89.7	.....
3..	61.42	61.81	62.60	59.63	59.28	60.67	60.90	20.2	19.4	24.1	30.6	26.6	23	24	31.2	18.5	92	96	83	60	76	89	82.7	.....
4..	59.97	59.87	60.88	57.01	56.68	58.58	58.83	22.5	20.6	26	33	26.6	24.2	25.5	33.8	20.3	92	95	87	52	79	90	81.5	.....
5..	57.80	58.62	60.31	56.98	57.28	58.41	58.23	23.4	22.5	26.2	31.5	26.5	23.8	25.6	32.7	21.5	93	94	81	57	76	90	81.8	.....
6..	58.15	58.92	60.49	57.28	57.99	59.57	58.73	22.4	21.5	25	30	24.6	21.1	24.1	31	20.2	89	87	69	53	68	85	75.2	.....
7..	59.47	60.04	61.66	60.30	60.33	61.45	60.54	20.5	19.6	23	24.6	22.5	19.4	21.6	25.6	18.9	86	87	70	60	70	87	76.7	.....
8..	61.19	61.45	62.90	61.65	61.53	63.36	62.01	19.4	18.1	23	25	22	19.4	21.2	25.8	17.4	89	90	75	68	70	78	78.3	.....
9..	62.95	63.74	65.06	62.75	63.31	64.55	63.73	18.1	17.5	22.1	25.5	22.4	21.3	21.2	26.6	16.8	89	92	78	65	74	78	79.3	.....
10..	63.94	64.14	64.66	62.91	63.24	64.15	63.84	20.3	18	22	23.2	21.2	18.5	20.5	24	16.6	82	90	79	69	77	87	80.7	.....
11..	64.02	63.97	65.15	63.09	63.33	63.55	63.85	17.4	17.5	22.2	24	22.1	21	20.7	24.7	16.3	92	95	81	75	86	88	86.2	.....
12..	63.30	63.50	64.36	62.74	63.25	63.59	63.46	20	20.1	23.4	25.1	22.2	21	22	25.6	19.8	90	90	72	63	77	84	79.3	.....
13..	62.71	63.05	63.75	61.19	61.26	61.53	62.25	20.3	20	21.4	25.6	22.8	21.5	21.9	26	19.7	90	92	89	72	90	96	88.2	1
14..	60.93	61.14	61.41	58.42	58.89	60.07	60.14	21.2	21	24	29.6	24.5	23	23.9	30.2	20.7	96	97	87	64	90	93	87.8	22.6
15..	59.73	60.17	60.82	59.30	60.27	62.07	60.39	22.2	21.4	24.4	23.8	21.6	21.3	22.4	29.4	20.2	95	96	89	90	95	95	93.3	3
16..	62.47	63.87	65.36	63.08	63.60	65.12	63.92	20.3	19.4	21.7	25.5	21.2	20	21.4	25.6	19	96	94	88	65	89	85	86.2	.....
17..	64.80	65.05	66.29	63.98	64.39	65.60	65.02	19.5	19	21.3	22.6	20.1	19.6	20.4	23.7	18.6	83	85	79	65	73	76	76.8	.....
18..	65.35	65.05	65.69	64.60	64.92	65.98	65.26	18.5	18	20.8	21.1	18.1	16.9	18.9	22	16.3	83	87	76	74	81	87	81.3	.....
19..	65.23	65.40	66.32	64.31	64.52	65.75	65.25	16.5	16.3	18.7	21.1	17.7	16.8	17.8	21.6	15.8	87	87	74	65	79	87	79.8	.....
20..	64.61	65.08	66.15	63.82	63.21	64.59	64.58	16.3	16	18.4	21.1	20.7	18.2	18.4	21.6	15.6	87	89	81	69	74	88	81.3	.....
21..	63.64	64.10	65.70	62.90	62.80	63.94	63.85	17.7	17	20	25.4	22.8	19.9	20.5	25.8	16.5	91	94	81	60	74	91	81.8	.....
22..	62.72	64.41	65.76	62.74	63.09	64.76	63.91	19.3	18.5	23.8	28.2	22.8	19.9	22.1	28.5	18	90	90	63	52	63	80	73	.....
23..	64.41	65.23	65.95	63.58	63.75	65.25	64.70	17.4	15.9	21.7	25.4	23	18.5	20.3	26.3	14.6	90	90	71	56	61	82	75	.....
24..	64.74	65.56	66.62	64.39	64.45	64.84	65.10	16.8	15.8	21.8	24.6	22.5	20.5	20.3	25.8	15	88	94	68	60	74	81	77.5	.....
25..	64.49	64.85	65.89	63.11	62.83	63.91	64.18	20	18.3	23	29.4	25.7	21.4	23	29.6	18.2	82	92	71	51	67	84	74.5	.....
26..	63.11	63.47	63.87	61.60	61.31	62.49	62.64	19.2	19.4	24.7	31.6	27.2	23	24.2	32.7	18.2	89	96	75	48	68	86	77	.....
27..	62.56	63.14	64.35	61.42	61.46	63.08	62.67	20.5	19.8	25	33.1	27.5	23	24.8	33.8	19.5	93	96	73	46	64	85	76.2	.....
28..	62.71	63.13	64.03	61.70	62.28	63.71	62.93	21.8	20.5	25.8	28.6	24	21.2	23.6	30.3	19.5	88	91	70	63	71	80	77.2	.....
Mean	62.58	63.07	64.10	61.79	61.95	63.09	62.76	19.6	18.8	22.7	26.2	22.9	20.6	21.8	27.2	18.1	89.7	92.1	78.1	64	76.5	86.3	81.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.1

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.	
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	NW	1	NW	1	Calm	....	Calm	....	0.3	10	.....	Cu.-N. NE	10	.....	N. NE
2..	Calm	....	Calm	....	S	1	SE	1	S	1	Calm	....	.5	10	.....	N.	10	.....	Cu.-N. S
3..	Calm	....	Calm	....	Calm	....	SSW	1	Calm	....	Calm	....	.2	7	.....	S.-Cu. S	4	.....	Cu. S
4..	Calm	....	Calm	....	S	1	SE	1	NW	1	NW	1	.7	5	.....	S.-Cu.	4	.....	Fr.-Cu. S
5..	Calm	....	Calm	....	N	1	NW	1	N	2	N	1	.8	7	.....	cu.-N. SW	4	.....	Cu. N
6..	Calm	....	NW	1	NE	1	NW	1	NNW	2	N	1	1	6	.....	S.-Cu. NW	4	.....	Cu. N
7..	N	1	NW	1	N	2	NW	3	NE	2	NW	1	1.7	8	.....	S.-Cu. N	8	.....	Cu.-N. N
8..	NW	1	NW	1	SE	2	SE	1	NE	1	Calm	....	1	8	.....	S.-Cu. NW	8	.....	Cu.-N. SW
9..	Calm	....	W	1	SW	1	NW	1	Calm	....	NE	1	.7	4	.....	S.-Cu.	8	.....	N. NE
10..	NE	1	Calm	....	NW	1	N	1	Calm	....	Calm	....	.5	7	Ci.	S.-Cu.	10	.....	N. N
11..	Calm	....	Calm	....	NNW	1	NW	1	NW	1	NW	1	.7	9	.....	S.-Cu. N	10	.....	Cu.-N. NE
12..	N	1	NW	1	NW	1	NE	2	SW	1	Calm	....	1	10	.....	S.-Cu. NW	10	.....	Cu.-N. E
13..	Calm	....	Calm	....	Calm	....	E	1	Calm	....	Calm	....	.2	10	.....	N.	10	.....	Cu.-N. NE
14..	Calm	....	Calm	....	Calm	....	S	1	W	1	Calm	....	.3	10	.....	N.	7	.....	Cu. NE
15..	Calm	....	Calm	....	Calm	....	NW	2	NW	3	NW	4	1.5	10	.....	N.	10	.....	N. N
16..	N	4	NW	3	N	4	N	4	NW	3	NW	2	3.3	10	.....	N.	6	.....	Cu.-N. N
17..	NW	3	NW	1	NW	1	NE	3	NW	3	NW	3	2.3	8	.....	S.-Cu. N	10	.....	S.-Cu. N
18..	N	2	N	1	NNE	3	NW	4	NNW	3	NW	3	2.7	10	.....	S.-Cu.	8	.....	S.-Cu. N
19..	NW	4	NW	2	NW	2	NE	2	Calm	....	NW	1	1.8	10	.....	S.-Cu. NE	10	.....	S.-Cu. NE
20..	NW	1	N	1	Calm	....	Calm	....	NW	1	Calm	....	.5	10	.....	Cu.-N. NE	10	.....	S.-Cu. W
21..	Calm	....	Calm	....	Calm	....	NE	1	NW	1	W	1	.5	10	.....	S.-Cu. N	7	.....	Cu.-N. NE
22..	NW	1	NW	1	N	2	N	2	NE	3	NW	3	2	6	.....	S.-Cu. N	6	Ci.	Cu. N
23..	Calm	....	Calm	....	N	1	Calm	....	Calm	....	Calm	....	.2	0	.....	.....	8	.....	Cu.,Cu.-N. N
24..	Calm	....	Calm	....	S	1	NE	1	NE	1	W	1	.7	2	.....	S.	8	Ci.-S.	Cu.-N. NE
25..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	.....	S.-Cu. S	7	Ci.	Cu. E
26..	Calm	....	Calm	....	SE	1	SW	1	N	1	NW	1	.7	8	.....	S.-Cu. E	7	.....	Cu. S
27..	SE	1	S	1	SE	1	Calm	....	N	1	Calm	....	.7	0	.....	.....	3	.....	Fr.-Cu.
28..	Calm	....	Calm	....	WNW	1	N	2	NW	2	NW	1	1	7	.....	Cu.-N. N	5	.....	Cu. W
Mean	.....	0.7	.....	0.5	.....	1.1	.....	1.4	.....	1.2	.....	1	1	7.5	.....	.....	7.6	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	63.26	63.12	63.95	61.68	62.29	63.28	62.93	20.1	18.8	23.6	31.2	24.7	22.9	23.6	31.5	18.2	90	96	70	50	81	87	79	.....
2..	62.65	64.18	65.63	63.87	64.60	65.76	64.45	22.2	21	24	27.3	23.8	21.5	23.3	27.8	19.8	89	91	86	71	80	86	83.8	.....
3..	65.70	66.54	67.60	65.04	64.75	65.63	65.88	20.3	20	24.4	26.5	23.5	21.4	22.7	26.8	19.8	91	91	77	62	80	82	80.5	.....
4..	65.21	65.52	66.23	63.13	62.46	64.08	64.44	20.2	18.5	23.8	29.3	27.4	23.2	23.7	30.8	18.3	87	95	73	51	60	82	74.7	.....
5..	63.29	63.80	65.33	62.83	62.49	63.60	63.56	20.2	20	24	28.5	26.6	22.6	23.6	30.6	19.2	93	92	79	55	67	78	77.3	.....
6..	63.73	64.05	65.27	62.61	61.93	63.60	63.53	21.1	18.1	24.6	30	26.5	22.6	23.8	32	17.7	87	94	71	53	62	74	73.5	.....
7..	63.85	63.94	64.83	62.08	61.62	63.23	63.26	20.4	20.2	25.3	29.8	26.2	21	23.8	31.1	19.7	90	90	70	54	62	84	75	.....
8..	62.48	62.76	63.86	60.27	59.63	61.13	61.69	18.7	17.8	22.7	31.5	26.9	23.3	23.5	32.8	17.3	92	96	80	46	64	80	76.3	.....
9..	60.77	60.77	61.61	59.38	58.86	60.35	60.29	21.7	20.1	26.7	29	27.5	24.1	24.8	31.6	19.8	87	93	65	62	70	84	76.8	.....
10..	60.35	60.35	61.12	58.38	58.32	60.63	59.86	22.7	21.3	25.7	32	27.7	23.5	25.5	33.3	21.1	89	95	76	54	65	83	77	.....
11..	60.22	60.83	62.16	60.24	61.06	62.63	61.19	22.7	21.8	27	28.4	22	21.5	23.9	30.1	20.7	88	93	70	68	96	93	84.7	8.1
12..	61.90	61.81	62.85	60.61	60.70	62.03	61.65	21	20.8	24.1	27.3	23.6	21.6	23.1	28	20.1	96	96	86	70	82	95	87.5	13
13..	61.32	61.03	62.48	60.76	60.53	61.83	61.32	21.2	20.9	22.5	24	22.1	21.3	22	24.1	20.6	95	97	96	93	95	97	95.5	18.8
14..	61.18	61.02	61.81	59.12	58.67	60.05	60.31	21.5	20.6	24.3	28	24.1	22	23.4	29	20.5	96	98	85	71	86	95	88.5	.....
15..	59.59	60.07	61.69	59.90	60.12	61.95	60.55	22	20.9	22.6	28.4	23	21	23	28.6	19.9	93	93	91	75	87	91	88.3	.....
16..	61.67	61.80	62.44	60.55	61	62.51	61.66	20.4	18.4	24.1	28	23	20.5	22.4	29.4	18.2	87	96	81	72	84	84	84	.....
17..	62.05	62.80	63.78	62.29	62.30	63.85	62.84	20.2	18.4	23	26.6	24.1	21.1	22.2	27.8	18.1	85	91	79	62	70	92	79.8	.....
18..	63.30	63.55	64.13	61.37	61.10	63.45	62.82	20	19.5	25.8	31.2	27	22.2	24.3	32.6	19.5	93	95	66	50	70	84	76.3	.....
19..	62.20	62.48	63.47	60.68	58.99	61.50	61.55	20.4	19	25.9	32.2	25.7	22.2	24.2	32.7	18.4	91	94	69	46	71	84	75.8	.....
20..	61.06	61.37	61.63	58.91	58.66	60.14	60.30	20.8	20	27.1	31.7	28.4	22.6	25.1	33.8	19.7	91	92	66	50	64	86	74.8	.....
21..	60.12	60.43	60.94	58.61	57.72	59.26	59.51	21.6	21.2	27.1	33	29.2	23.8	26	34.4	20.8	89	93	69	44	64	85	74	.....
22..	59.92	60.25	62.10	59.36	58.83	60.60	60.18	23.2	22	26.2	31.1	28	23.3	25.6	33	21.3	88	93	76	53	65	81	76	.....
23..	60.33	60.26	60.55	57.34	56.79	58.51	58.96	23	21.3	28.3	34	30.6	24.3	26.9	34.5	21	85	89	60	43	53	81	68.5	.....
24..	58	58.30	58.78	56.06	55.88	58.05	57.51	21.9	20.5	27.5	33.8	29.1	24.6	26.2	35.6	20	86	90	67	48	65	80	72.7	.....
25..	58.24	58.37	59.31	56.42	55.56	58.60	57.75	22.7	21.6	29.7	36.3	31.1	25.8	27.9	37.5	21.1	91	95	62	40	53	83	70.7	.....
26..	58.74	59.79	61.30	58.59	59.43	61.65	59.92	24.6	23.5	30.2	33.5	27.5	23.8	27.2	35.8	22.9	90	96	68	55	68	83	76.7	.....
27..	61.27	61.80	63.09	60.16	59.60	61.95	61.31	23.5	23.4	26.1	33.5	28.6	24.5	26.6	34.2	22.7	85	89	79	50	65	82	75	.....
28..	60.21	61.37	62.68	59.53	58.87	60.71	60.56	23.2	23	24.3	30	26.7	23.5	25.1	31.1	22.7	90	91	89	70	80	90	85	7.1
29..	60.39	60.95	61.53	58.86	58.53	60.31	60.10	22.7	21.5	27.4	32.5	29.2	24.6	26.3	34.2	21.3	91	93	70	52	65	80	75.2	.....
30..	60.47	60.76	61.81	59.39	59.27	62.08	60.63	23.1	22	28.4	33.6	28.3	24.8	26.7	34.4	21.5	90	94	68	53	63	81	74.8	.....
31..	61.43	61.98	62.58	60.30	60.03	60.78	61.18	23	22.6	26.5	31.7	28.6	24.5	26.2	32.8	22.5	90	91	74	57	60	91	77.2	.....
Mean	61.45	61.81	62.79	60.27	60.02	61.73	61.34	21.6	20.6	25.6	30.4	26.5	22.9	24.6	31.7	20.1	89.8	93.3	74.8	57.4	70.9	85.1	78.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force	Direction.	Force.	Mean force.	Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	SW	1	SW	1	NW	2	NW	2	1	8	.....	S.-Cu. S	6	.....	Cu. SW
2..	N	1	Calm	....	Calm	....	NW	1	N	1	Calm	....	.5	9	.....	S.-Cu. S	7	.....	Cu. NE
3..	Calm	...	W	1	E	1	NW	1	Calm	....	S	1	.7	10	.....	S.-Cu. SE	7	.....	Cu.-N. NE
4..	SE	1	Calm	....	SE	1	SW	1	S	1	Calm	....	.7	3	.....	Fr.-S.	8	.....	Cu. SE
5..	Calm	....	Calm	....	Calm	....	SW	1	SW	1	Calm	....	.3	8	.....	S.-Cu. E	9	.....	Cu.-N. SE
6..	Calm	....	Calm	....	Calm	....	NW	1	N	1	SE	1	.5	0	.....	.....	7	.....	Cu. N
7..	Calm	....	Calm	....	NW	1	NW	1	NW	1	Calm	....	.5	8	.....	S.-Cu. N	8	.....	Cu. E
8..	Calm	....	Calm	....	S	1	NW	1	NW	1	Calm	....	.5	0	.....	.....	4	.....	Fr.-Cu. NE
9..	Calm	....	Calm	....	SW	1	SE	1	Calm	....	S	1	.5	4	.....	S.-Cu. NE	8	.....	Cu. N
10..	SE	1	Calm	....	W	1	E	1	NE	1	Calm	....	.7	4	.....	Cu. E	6	.....	Cu. N
11..	Calm	....	Calm	....	NE	1	NE	1	NW	1	NW	2	.8	7	.....	S.-Cu. N	10	.....	Cu.-N. N
12..	NW	2	NW	1	NW	1	E	3	NW	2	NE	1	1.7	7	.....	Cu.-N. NE	8	Ci.	Cu.-N. N
13..	N	2	NW	1	N	1	NNE	1	W	1	Calm	....	1	10	.....	N.	10	.....	Cu.-N. N
14..	N	1	Calm	....	NNE	1	N	1	NW	1	NW	1	.8	10	.....	Cu.-N. NE	8	Ci.-S.	Cu.-N. N
15..	NW	1	N	2	N	2	NW	3	N	1	NW	2	1.8	8	.....	Cu.-N. NE	4	.....	Fr.-Cu. N
16..	N	1	Calm	....	N	1	NW	1	N	2	NW	3	1.3	0	.....	.....	8	.....	Cu.-N. N
17..	Calm	....	Calm	....	Calm	....	W	1	NW	1	Calm	....	.3	10	.....	S.-Cu.	8	.....	Cu. SW
18..	Calm	....	Calm	....	S	1	SE	1	Calm	....	SE	1	.5	3	.....	Fr.-Cu.	4	.....	Fr.-Cu. S
19..	Calm	....	Calm	....	SE	1	SE	1	N	2	NW	1	.8	3	.....	S.	6	.....	Cu. S
20..	Calm	....	Calm	....	SE	2	SW	1	NNE	1	NE	1	.8	2	.....	Fr.-S.	4	.....	Cu. S
21..	Calm	....	Calm	....	SW	1	SW	1	NE	1	NW	1	.7	10	.....	Cu.-N. N	1	.....	Fr.-Cu.
22..	Calm	....	Calm	....	E	1	SE	1	NE	1	W	1	.7	8	.....	S.-Cu. NE	7	.....	Cu. SE
23..	Calm	....	Calm	....	SE	1	SW	1	Calm	....	Calm	....	.3	4	.....	S.-Cu. S	2	.....	Fr.-Cu. S
24..	Calm	....	Calm	....	W	1	SE	1	N	1	SW	1	.7	0	.....	.....	0	.....	.....
25..	Calm	....	Calm	....	SW	1	SW	1	SW	1	N	1	.7	0	.....	.....	0	.....	.....
26..	Calm	....	Calm	....	W	1	NNW	1	SW	2	S	2	1	6	.....	Cu.	6	.....	Cu. NE
27..	SE	1	SE	1	SE	1	SW	1	WSW	1	N	1	1	10	.....	Cu.-N. N	6	Ci.-Cu.	Cu. S
28..	NW	1	Calm	....	Calm	....	NE	1	NE	1	Calm	....	.5	10	.....	Cu.-N. NE	5	.....	Cu. S
29..	Calm	....	Calm	....	SW	1	NW	1	NE	1	NE	1	.7	4	Ci.	Fr.-S.	8	Ci.-Cu.	Fr.-Cu.
30..	NW	1	Calm	....	WNW	1	N	1	SE	1	Calm	....	.7	0	.....	.....	7	.....	Cu. E
31..	Calm	....	Calm	....	SE	1	NE	1	Calm	....	NW	1	.5	10	.....	Cu.-N. S	4	.....	Cu. E
Mean	.....	0.4	.....	0.2	.....	0.9	.....	1.1	.....	1	.....	0.8	0.7	5.7	.....	.....	6	.....	.....

TUGUEGARAO.

[$\phi = 17°\ 36'$ N; $\lambda = 121°\ 40'$ E; barometer above sea, 22 meters; gravity correction not applied, −1.61 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.13	61.58	62.36	59.36	58.97	60.93	60.72	23.7	23.1	28.5	31.8	27.6	24.5	26.5	32.5	22.5	94	92	70	57	70	78	76.8	.....
2..	60.70	60.77	61.68	58.89	58.73	60.16	60.16	23.5	22.4	29	32.6	27.8	23.9	26.5	33.6	22.4	83	89	64	54	69	88	74.5	.....
3..	60.08	60.40	61.27	58.73	58.36	59.86	59.78	22.9	22.4	28	31.2	28.4	24.8	26.3	33.8	22.2	88	90	69	58	68	78	75.2	.....
4..	59.90	60.71	61.46	58.76	58.23	60.08	59.86	22.6	22.2	28.7	32	29.2	24	26.4	35.6	21.8	93	95	62	49	60	78	72.8	.....
5..	59.50	60.15	61.18	58 65	58.06	59.48	59.50	23.2	21	28.5	34	29.3	23.8	26.6	35.5	20.9	81	91	57	41	57	81	68	.....
6..	58.95	59.77	59.87	56.98	56.60	58.86	58.50	22.5	20.4	27.5	34.1	30.1	25.6	26.7	36.6	19.5	86	88	62	41	60	79	69.3	.....
7..	58.68	58.60	59.06	55.60	55.44	58.23	57.60	23.5	22.5	29	35.6	30.3	26	27.8	37	22.4	87	91	63	43	61	79	70.7	.....
8..	58.15	58.54	59.41	56.63	56.23	58.37	57.89	25.6	25	29.6	35.8	31.6	26.2	29	36.5	24.5	79	84	67	43	59	78	68.3	.....
9..	57.75	58.55	59.60	56.57	56.04	58.88	57.90	24.6	23.5	30.5	36.4	32.2	25.8	28.8	38.2	23	84	91	65	41	60	80	70.2	.....
10..	58.65	59.17	60.98	57.51	57.11	59.47	58.82	24.3	24.4	30.6	36.2	29.6	25.6	28.4	36.8	23.7	85	87	66	41	55	75	68.2	.....
11..	59.51	59.97	60.58	57.42	57.58	59.74	59.13	23.2	23	30	34.8	28 9	24.8	27.4	36.5	22.2	87	91	65	41	61	81	71	.....
12..	59.10	59.05	59.68	56.55	56.79	58.12	58.22	23.2	21.8	27	33.5	27.5	24	26.2	34.3	21.7	87	92	67	47	70	79	73.7	.....
13..	57.66	57.42	58.36	55.85	56.36	58.14	57.30	22.5	21.6	29.1	32.5	27.7	24.6	26.3	33.6	20.8	89	93	62	51	62	82	73.2	.....
14..	57.66	58.31	58.54	56.42	57.38	59.34	57.94	23	22.7	27.5	30.3	25.6	24.2	25.6	31	21.8	90	94	68	56	75	85	78	.....
15..	58.97	59.42	59.78	57.63	58.08	59.67	58.92	22.9	22.7	28.3	30.3	25.8	23.8	25.6	31.2	22.5	90	89	67	57	69	79	75.2	.....
16..	59.33	60.28	60.72	58.62	59.03	60.38	59.73	23.1	22.1	28.4	29.2	25.6	23.8	25.4	31.7	21.5	82	88	66	58	70	81	74.2	.....
17..	60.10	60.75	61.58	58.97	59.58	61.48	60.41	23.1	22.5	26.8	30.5	26	23.9	25.5	31.8	22	84	87	69	55	68	81	74	.....
18..	59.84	61.40	62.03	59.21	59.66	61.97	60.68	23.4	22.7	28	34.5	29.3	25.1	27.2	35.1	22.1	84	88	67	41	58	81	69.8	.....
19..	61.83	62.25	62.28	59.34	60.13	62.42	61.38	24	21.8	29.3	35.5	28.2	26	27.5	36	21.4	86	91	59	35	62	69	67	.....
20..	61.57	62.27	62.54	59.45	59.35	61.98	61.19	23.9	22.7	28.9	35.6	29.8	24.5	27.6	36.7	21.8	80	89	63	38	58	82	68.3	.....
21..	60.90	61.47	61.86	59.07	58.34	60.92	60.43	24.1	22.9	29.3	36	31.7	25.4	28.2	37.4	22.5	82	86	54	36	52	73	63.8	.....
22..	59.69	59.95	60.78	57.58	58.82	60.30	59.52	24.8	22.2	29.5	37.2	29.6	25.4	28.1	37.5	21.6	75	90	59	39	61	83	67.8	.....
23..	59.49	60.42	60.98	58.59	58.72	61.98	60.03	24.5	23	30.5	36.2	33.2	27.7	29.2	38	22.7	85	89	60	39	49	68	65	.....
24..	61.43	61.85	62.43	59.88	59.94	62.46	61.33	24.4	22.1	30.4	37.2	31.7	26.8	28.8	38.6	21.8	82	86	55	34	49	73	63.2	.....
25..	61.63	62.36	62.35	59.96	59.91	61.31	61.25	25.7	24.8	30.3	30.7	27.3	25.7	27.4	32.8	23.9	80	87	61	60	82	88	76.3	.....
26..	59.70	59.90	60.32	57.42	58.63	59.34	59.22	24.2	22.8	30	35.3	27.1	23.9	27.2	36.7	22.6	88	93	61	41	79	90	75.3	0.5
27..	58.94	59.53	59.34	56.09	58.11	59.01	58.50	22.6	22.1	29.6	36.3	21.8	22.1	25.8	36.5	21.2	93	94	61	38	93	93	78.7	53.3
28..	58.60	58.98	59.19	56.54	57.79	59.02	58.19	22	21.4	27.3	33.7	30.6	26	26.8	35	21.1	92	95	77	55	68	88	79.2	.....
29..	58.68	59.10	60.04	57.89	58.05	60.13	58.98	24.8	24.4	29.7	35.2	27.4	24.8	27.7	36.7	23.7	92	92	65	44	77	87	76.2	13.7
30..	59.79	60.58	60.63	58.06	57.79	60.29	59.52	23.9	22.5	29.2	34.7	32.4	25.7	28.1	36.1	22.1	91	89	58	44	55	81	69.7	.....
Mean	59.60	60.12	60.70	57.94	58.09	60.08	59.42	23.7	22.6	29	34	28.8	24.9	27.2	35.3	22.1	86	90	63.6	45.9	64.6	80.6	71.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	67.5

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–12*	*0–10*			*0–10*		
1..	NW	1	Calm	....	Calm	....	W	1	Calm	....	W	1	0.5	7	A.-Cu.	Cu.-N.	N	8	.....	Cu. SW
2..	Calm	....	Calm	....	WNW	1	S	1	NW	1	Calm	....	.5	4	.....	S.-Cu.	N	8	.....	Cu. S
3..	Calm	....	Calm	....	NW	1	WNW	1	NW	1	Calm	....	.5	7	.....	Cu.-N.	S	10	.....	Cu.-N. E
4..	SW	1	Calm	....	SW	1	SE	1	NW	1	N	1	.8	9	.....	S.-Cu.	E	5	.....	Cu. W
5..	Calm	....	Calm	....	SE	1	SE	1	NW	1	SW	1	.7	1	.....	Fr.-S.		6	.....	Cu. S
6..	Calm	....	Calm	....	E	1	SW	1	WSW	1	Calm	....	.5	0	.....	.....		0	.....	.....
7..	S	1	SW	1	S	2	N	1	N	1	NW	2	1.3	0	.....	.....		3	.....	Fr.-Cu.
8..	SE	1	S	1	SE	1	SW	1	NW	1	NW	1	1	10	.....	Cu.-N.	S	6	.....	Cu. SW
9..	Calm	....	Calm	....	WSW	1	SW	1	NW	1	NW	1	.7	0	.....	.....		2	.....	Fr.-Cu. S
10..	NW	1	S	1	N	1	NW	1	NW	1	N	1	1	7	.....	S.-Cu.	S	3	.....	Fr.-Cu.
11..	Calm	....	Calm	....	NW	1	NNW	2	NNW	2	NW	1	1	3	.....	Cu.	N	4	.....	Cu.
12..	NW	1	Calm	....	W	1	N	1	WNW	2	NE	2	1.2	9	Ci.-S.	Cu.-N.		8	Ci.-S.	Cu. NNE
13	Calm	....	WNW	1	N	3	N	3	N	3	N	3	2.2	6	Ci.-S.	Cu.		7	Ci.-S.	Cu.
14..	N	1	W	1	NE	2	NE	3	NW	1	NNW	2	1.7	10	Ci.-S.	N. NbyW		7	Ci.-S.	Cu. ENE
15..	N	1	W	1	NNE	2	NNW	3	NNE	2	N	1	1.7	9	.....	Cu.		8	A.-Cu.	Cu. NW
16..	NNE	2	NW	1	NW	1	N	2	N	2	NW	2	1.7	9	A.-Cu.	cu.-N.	NW	8	Ci.-S.	Cu.
17..	NNW	2	Calm	....	NW	2	NNW	2	NNW	2	N	3	1.8	10	.....	Cu.-N.		8	.....	Cu.-N.
18..	NW	1	S	1	SE	1	NW	1	NE	1	W	1	1	6	.....	Cu.		2	.....	Cu.
19..	Calm	....	Calm	....	SE	1	NNW	1	N	1	WSW	1	.7	0	.....	S.-Cu.		3	.....	Cu.
20..	Calm	....	SSW	1	WSW	1	SSW	1	NNW	1	SW	1	.8	8	.....	Cu.	S	0	.....	Cu.
21..	Calm	....	Calm	....	SSW	1	SSE	2	N	1	SW	1	.8	1	.....	Cu.		1	.....	Cu.
22..	Calm	....	Calm	....	SW	1	SW	1	SW	2	SW	1	.8	0	.....	.....		5	Ci.	Cu.-N.
23..	Calm	....	Calm	....	SSE	1	SSW	2	SW	1	SW	1	.8	6	Ci.	Cu.		2	Ci.	Cu.
24..	W	1	NW	1	S	1	SW	1	SSW	2	SW	1	1.2	0	Ci.	Cu.		2	.....	Cu.
25..	NW	1	SW	1	S	1	SSW	3	SSW	1	SW	1	1.3	9	A.-Cu.	cu.-N.	SSW	10	Ci.-S.	Cu.-N. SW
26..	Calm	....	Calm	....	S	2	W	1	NW	1	NW	1	.8	0	Ci.	Cu.		9	Ci.	Cu.-N. W
27..	Calm	....	SSW	1	SSW	1	WSW	1	W	3	Calm	....	1	0	.....	Cu.		5	Ci.	Cu.-N.
28..	N	1	Calm	....	SE	1	W	1	Calm	....	WNW	1	.7	0	.....	Cu.		2	Ci.-S.	Cu.
29..	Calm	....	Calm	....	SSE	1	WNW	1	ENE	1	NW	1	.7	4	Ci.-Cu.	Cu.		0	Ci.	Cu.
30..	NNW	1	S	2	S	2	SW	1	Calm	....	NW	1	1.2	0	.....	Cu.		0	.....	Cu.
Mean	.....	0.6	.....	0.5	.....	1.2	.....	1.4	.....	1.3	.....	1.1	1	4.5	.....	.....		4.7	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.83	60.35	60.51	57.78	57.38	60.08	59.32	24.1	21.5	29.3	35.7	30.7	26.4	28	37	20.8	87	87	54	35	59	79	66.8	.....
2	59.20	59.49	60.13	57.24	56.94	59.12	58.69	25.2	24.2	30.8	35.7	31.6	27.2	29.1	36.6	23.8	86	91	56	46	56	75	68.3	.....
3	58.93	59.80	60.26	57.64	57.44	59.78	58.98	25.1	22.7	29.7	35.5	30.9	26.2	28.4	36.1	22.3	76	89	61	44	60	81	68.5	.....
4	58.91	60.20	60.18	57.09	58.27	60.62	59.21	24.1	23.2	31	36.7	29.3	26.3	28.4	37.6	22.5	89	90	56	37	67	81	70	.....
5	60.04	60.58	61.01	58.14	58.94	60.99	59.95	25.1	24.4	30.3	37	31.5	26.1	29.1	37.3	23.8	87	91	62	40	59	73	68.7	.....
6	59.37	60.45	60.72	57.83	57.70	59.74	59.30	24	23	29.2	31.3	29.5	25.9	27.2	34.2	22.4	85	89	64	59	64	78	73.2	.....
7	58.53	59	59.27	55.86	56.39	58.19	57.87	24	23.2	30.5	36.4	30	27.3	28.6	38.8	22.3	84	87	55	34	65	76	66.8	.....
8	56.96	57.32	57.85	54.90	55.37	57.52	56.65	26.3	25.5	31.3	36.9	29.7	26.4	29.4	38.3	25.3	84	88	57	38	64	82	68.8	4.1
9	56.60	56.63	56.88	54.38	56.97	58.64	56.68	25.4	24.9	30.2	35.7	25.4	25.1	27.8	38.2	24.6	88	92	71	45	90	94	80	16
10	57.33	58.06	58.83	57.64	57.74	59.79	58.23	25.2	24.9	29.3	33.7	30	24.4	27.9	35.5	24	97	96	74	56	69	93	80.8	5.8
11	58.74	59.26	59.70	57.43	58.16	59.35	58.77	24.4	24.5	29.9	34.4	28.5	25.5	27.9	34.5	24.3	97	96	70	51	72	88	79	.....
12	58.58	59.72	60.04	57.48	57.39	59.16	58.73	24.8	23.3	29.7	36.5	31.9	27	28.9	37.5	22.8	92	93	62	38	59	81	70.8	.....
13	58.55	59.41	60.26	57.98	57.97	60.51	59.11	25.6	24.1	30.2	36.3	31.6	27	29.1	37.2	23.6	86	92	63	44	55	68	68	.....
14	60.38	61.02	60.85	58.24	58.30	60.73	59.92	23.6	22.5	30.5	36.5	30	27	28.4	37.6	22	86	88	58	39	65	82	69.7	.....
15	60.18	60.70	60.48	57.51	57.40	59.61	59.31	25.9	25	30.9	37.3	32.5	27.1	29.8	37.9	24.5	86	91	64	40	59	73	68.8	.....
16	58.83	59.35	59.09	56.26	56.08	58.36	58	26.3	25.8	31.8	37.4	32.3	27.1	30.1	38.3	25.5	83	85	58	39	60	78	67.2	.....
17	57.37	57.75	57.81	55.62	56.04	58.91	57.25	25.2	23.3	31.1	37.6	32	27.4	29.4	38.3	22.8	77	84	48	36	55	78	63	.....
18	57.45	58.05	58.37	56.17	56.38	59.38	57.63	26	25.4	31.7	37.7	29.4	27.9	29.7	38.5	25	82	86	56	39	76	79	69.7	.8
19	58.18	59.19	58.55	56.17	56.01	58.70	57.80	26	24.3	31.8	37.6	33.6	27.5	30.1	38.8	23.7	89	92	57	39	52	74	67.2	.....
20	58.72	58.74	58.82	56.45	56.13	58.37	57.87	26.3	25.2	31.3	37.7	32.2	28	30.1	38.5	24.1	82	89	62	40	55	76	67.3	.....
21	57.82	58.24	58.32	55.77	55.77	58.51	57.40	26.8	25.4	31.7	37.7	33.5	27.4	30.4	39	24.9	84	84	51	30	49	76	62.3	.....
22	57.94	58.33	58.76	56.17	56.73	58.83	57.79	26.1	25.1	32.1	37.8	31.5	26.7	29.9	39	24.1	82	88	58	38	53	77	66	.....
23	57.77	58.55	58.24	55.02	55.35	57.33	57.04	25.6	25.5	31.7	38.4	30.9	28.9	30.2	38.6	23.8	82	84	58	39	59	67	64.8	.....
24	56.81	57.22	57.22	54.48	54.67	56.71	56.18	27.1	25.5	31.9	36.7	31.4	28.7	30.2	38.3	24.8	79	85	62	39	61	67	65.5	.....
25	56.11	56.97	57.50	54.60	54.55	57.07	56.13	27.4	26.9	31.8	38	29.1	27.9	30.2	39.2	25.2	78	85	64	37	73	80	69.5	1.8
26	57.13	57.15	57.73	56.22	56.53	58.22	57.16	26	26.3	31.4	35	31.4	26.6	29.4	35.7	25	87	88	64	53	65	83	73.3	.....
27	57.10	58.48	57.76	55.19	56.70	58.13	57.23	25.1	24.1	31.9	38.2	30.8	27.2	29.5	39.2	23.5	88	93	61	40	66	86	72.2	1.3
28	57.58	58.51?	58.02	55.27	56.07	58.19	57.27	25.9	25	31.7	38.7	28.4	26.2	29.3	40.1	24.6	86	88	59	37	81	85	72.7	2.3
29	57.53	57.85	58.36	55.98	57.99	60.08	57.96	26.1	25.3	31.6	37.5	24.5	25.2	28.4	37.5	23.1	91	91	65	42	97	91	79.5	68.1
30	59.81	59.87	59.52	56.98	58.31	59.29	58.96	24.3	24	29.8	35.9	31.2	27.3	28.8	36.5	23.6	92	95	70	48	64	86	75.8	.....
31	59	59.73?	59.01	57.27	57.68	59.67	58.73	25.9	24.8	30.9	36.8	30.8	26.4	29.3	38.1	24.5	90	93	67	41	66	84	73.5	.....
Mean	58.30	58.90	59.03	56.48	56.88	59.02	58.10	25.4	24.5	30.9	36.6	30.5	26.8	29.1	37.7	23.8	85.9	89.4	60.9	41.4	64.3	79.7	70.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100.2

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.		6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.			Amount.	Form and direction.		Amount.	Form and direction.	
																Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*		*0–10*			*0–10*		
1	NE	1	Calm	....	S	1	SSW	1	W	1	Calm	....	0.7	0	.....	.....	.....	0	.....	Cu.
2	Calm	....	Calm	....	S	1	S	1	S	1	SSW	1	.7	2	.....	Cu.-N.		5	.....	Cu. SW
3	S	1	SW	1	SE	1	SSW	1	SW	1	Calm	....	.8	1	Ci.	Cu.		2	.....	Cu.
4	SSW	1	SSW	1	SE	2	S	2	NW	2	W	2	1.7	0	.....	Cu.		1	Ci.-S.	Cu.
5	NW	2	SW	1	S	1	N	2	SW	1	WSW	1	1.3	1	Ci.	Cu.		6	.....	Cu. NW
6	Calm	....	S	2	S	2	S	2	SW	1	W	1	1.3	0	.....	Cu.		8	Ci.-S.	Cu.-N. SW
7	SW	2	S	2	S	2	N	2	NW	2	SW	1	1.8	0	.....	Cu.		1	Ci.	Cu.
8	Calm	....	SW	1	S	3	S	1	N	3	SW	1	1.5	6	A.-Cu.	Cu.	S	3	Ci.	Cu.
9	WSW	1	SSE	1	SE	2	NNE	2	N	4	NNE	2	2	1	Ci.	Cu.		3	Ci.	Cu.
10	SW	1	S	1	SSW	1	SW	1	N	2	Calm	....	1	9	Ci.-S.	Fr.-N.	S	8	Ci.-S.	Cu.
11	SW	1	S	1	SE	2	SSW	1	NNW	1	SW	1	1.2	3	Ci.	Cu.		4	Ci.	Cu.-N.
12	S	1	SSW	1	SW	2	SSW	2	WNW	3	S	1	1.7	2	Ci.	Cu.		2	Ci.	Cu.
13	Calm	....	W	1	SSW	2	SSW	2	SSE	2	S	3	1.7	4	Ci.	Cu.	S	3	Ci.	Cu. SW
14	Calm	....	NE	1	S	1	SW	1	S	2	SW	1	1	0	Ci.	Cu.		2	.....	Cu.
15	Calm	....	Calm	....	SSW	1	SW	2	SSE	2	SW	2	1.2	2	Ci.	Cu.		3	Ci.-S.	Cu.-N.
16	S	2	SSW	1	SE	1	SSE	2	WNW	1	SW	1	1.3	2	Ci.	Cu.		2	Ci.	Cu. SE
17	Calm	....	S	1	SSW	2	SSW	1	WNW	3	W	2	1.5	0	Ci.	Cu.		0	.....	Cu.
18	NW	1	SE	1	S	2	SW	2	SW	1	SW	1	1.3	0	Ci.	Cu.		4	.....	Cu. WSW
19	SW	1	NW	1	S	2	SSW	1	W	1	NW	2	1.3	0	.....	S.-Cu.		2	Ci.-S.	Cu. S
20	SSE	1	SW	1	SW	1	SSW	2	NNE	2	SW	1	1.3	3	Ci.	Cu.	NE	4	Ci.	Cu. SbyW
21	Calm	....	SW	1	S	3	SW	2	NE	1	W	3	1.7	1	Ci.	Cu.	SSW	0	Ci.	Cu.
22	Calm	....	S	1	SSW	1	WSW	2	NNW	4	NW	1	1.5	0	.....	.....	.....	2	.....	Cu. W
23	WNW	1	Calm	....	W	1	W	1	N	4	N	2	1.5	8	A.-Cu.	Cu.-N.	WNW	4	.....	Cu. WNW
24	SW	1	SW	1	SSW	1	W	1	N	4	WNW	2	1.7	4	Ci.	Cu.	S	4	Ci.-S.	Cu. WSW
25	Calm	....	S	1	SW	2	SSW	1	N	1	NW	3	1.3	8	A.-Cu.	cu.-N.	SSW	6	Ci.	Cu. SW
26	SW	1	WSW	1	S	1	N	3	WNW	1	NW	1	1.3	8	Ci.-S.	Cu.-N.		8	A.-Cu.	Cu. NW
27	Calm	....	Calm	....	WSW	1	WSW	2	NNW	4	WNW	2	1.5	3	Ci.	Cu.		1	Ci.	Cu. WSW
28	SW	2	S	1	SW	1	S	3	NW	2	Calm	....	1.5	4	Ci.	ENE	Cu.	2	Ci.	Cu.
29	Calm	....	SSW	1	SSW	2	WSW	1	SSW	1	SW	1	1	2	Ci.	E	Cu.	10	Ci.-S.	Cu.-N. SW
30	Calm	....	SW	2	SW	2	SW	2	N	3	WSW	3	2	7	Ci.	Cu.-N.	S	3	Ci.	Cu.
31	SW	1	SSW	3	SSW	3	WSW	1	N	3	W	3	2.3	1	Ci.	Cu.		1	Ci.-cu.	NE Cu. WbyS
Mean	.....	0.7	.....	1	.....	1.6	.....	1.6	.....	2.1	.....	1.5	1.4	2.6	.....	.....		3.4	.....	.....

TUGUEGARAO.

[$\phi = 17°\ 36'$ N; $\lambda = 121°\ 40'$ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.80	60.65	60.33	57.91	57.20	59.88	59.30	25.5	24.5	30.6	37.4	34.3	28	30	38.2	24	90	91	57	34	50	76	66.3	.....
2..	59.33	60.26	59.82	57.16	57.15	59.68	58.90	25.8	24	30.7	37	31.7	27.7	29.5	38.8	23.7	84	90	60	39	57	73	67.2	.....
3..	58.64	58.99	58.75	56.27	55.94	58.73	57.89	25.7	24.6	31.9	38	33.4	28.7	30.4	38.5	24.3	84	88	55	39	52	69	64.5	.....
4..	58.19	58.40	58.64	55.86	55.94	58.37	57.57	26.7	25.2	32.3	38	33	29	30.7	38.5	24.5	76	85	52	34	54	60	60.2	.....
5..	56.98	57.59	57.22	54.96	55.81	57.22	56.63	26.2	24.5	31.5	38.1	27	26	28.9	39.2	23.8	74	84	56	35	72	78	66.5	.....
6..	56.18	56.33	56.18	53.97	54.22	56.74	55.60	25.1	24.7	31.1	35.8	32.4	27.1	29.4	36.7	24.4	86	89	61	46	56	81	69.8	.....
7..	56.20	56.93	56.89	55.04	55.27	57.97	56.38	25.8	24.9	32.1	37.6	33.7	27.7	30.3	37.6	24.4	86	90	52	38	43	68	62.8	.....
8..	58.04	58.79	58.44	56.36	56.68	59.61	57.99	25.8	25.7	32.7	37.3	34	28.5	30.7	38	24.6	80	81	52	35	42	61	68.5	.....
9..	58.92	59.36	59.13	56.80	57.54	59.06	58.47	25.8	24.7	33.1	38.2	30	27.4	29.9	39.2	24.1	76	83	48	34	64	77	63.7	.....
10..	58.53	58.65	58.47	56.22	55.64	57.68	57.53	25.9	24.5	32.6	36.7	33.6	27.4	30.1	37.2	23.5	81	86	54	41	46	76	64	.....
11..	56.78	57.03	56.65	54.19	54.86	57.18	56.12	26.1	25.5	32.4	37.6	29	27.6	29.7	38	24.5	82	85	51	39	70	83	68.3	.....
12..	56.52	57.55	56.89	54.87	54.91	58.40	56.52	26.3	25.5	32.3	37.3	34.6	29.5	30.9	38.1	25.1	89	90	54	41	44	76	65.7	.....
13..	57.56	58.45	57.94	55.96	57.65	60.56	58.02	28	26.6	33.4	39.2	28.3	26.2	30.3	39.6	25.3	71	78	50	32	71	81	63.8	.....
14..	59.38	59.56	59.13	56.64	58.21	59.81	58.79	25	24.6	32.7	36.6	28.8	27	29.1	38.5	24.4	88	90	52	38	71	83	70.3	.....
15..	59.19	59.70	59.43	56.82	57.31	59.84	58.72	25.7	24.7	30.7	37.7	31.5	26	29.4	39.3	23.7	88	92	65	39	52	85	70.2	0.5
16..	59.54	60.16	59.66	56.89	56.57	60.08	58.82	25.3	24.9	30.7	37.4	33	23.2	29.1	38.3	22	89	90	69	43	61	93	74.2	16
17..	59.98	60.09	59.67	56.39	58.24	60.45	59.14	22.7	22.9	28.9	36.6	26.7	23.4	26.9	37.3	22.5	92	96	68	45	81	92	79	19.6
18..	59.50	59.51	59.34	57.12	57.44	60.91	58.97	23.2	22.6	28.9	35.5	30	22.9	27.2	36	21.8	94	96	69	52	72	93	79.3	20.3
19..	59.37	60.58	60.08	57.82	58.09	60.34	59.38	22.4	22.5	28.5	35.4	31.5	26.5	27.8	36	21.4	94	94	73	49	68	85	77.2	.....
20..	59.49	60.20	60.41	57.56	57.34	59.91	59.15	24.7	24	30.8	36.4	31.4	26.5	29	37.4	23.6	91	91	69	45	68	84	74.7	.....
21..	58.82	59.21	59.31	57.03	56.47	59.48	58.39	25	24.2	30.8	36.3	31.5	27.4	29.2	37.7	23.4	92	91	61	39	65	79	71.2	2
22..	58.29	58.17	58.16	55.84	56.35	58.32	57.52	24	23.8	31.1	36.6	29.4	27.6	28.8	37.5	23.2	90	91	60	41	64	80	71	.....
23..	57.51	58	58.10	55.78	57.13	58.73	57.54	26.7	25.7	32.3	37	27.6	26.2	29.2	37.7	25.4	86	87	56	43	75	85	72	.....
24..	58.07	57.95	57.63	55.14	54.88	57.49	56.86	25.3	24.1	30.6	36.8	32.1	26.2	29.2	37.3	23.7	88	89	63	42	61	86	71.5	2
25..	56.97	57.19	57.08	54.57	54.57	56.81	56.20	25.6	24.7	30.2	37.3	32.9	27.2	29.6	38	24.4	90	94	68	45	55	81	72.2	.....
26..	55.75	55.80	56.21	54.33	53.78	55.52	55.23	25.7	24.5	31.4	37.1	31.7	28.4	29.8	37.3	23.7	87	88	62	42	58	77	69	.....
27..	54.49	54.16	53.97	52.05	51.53	52.36	53.09	26.8	25.2	30	30.5	29	25.8	27.9	33.2	24.5	86	94	77	79	81	96	85.5	8
28..	50.58	49.12	48.45	45.65	44.39	43.28	46.91	25.2	25.5	28.8	28	25.5	25.1	26.4	29.4	24.5	95	93	80	89	93	95	90.8	47.1
29..	39.47	37.10	34.70	35.82	39.17	44.45	38.45	24.7	24.8	24.5	25.4	24.1	25	24.8	25.5	23.5	94	97	93	90	90	80	90.7	52.1
30..	46.03	49.67	52.01	51.32	52.92	55.12	51.18	23.2	24.4	28.5	31.6	28	25	26.8	32.1	22.7	82	75	66	57	68	84	72	.....
Mean	56.80	57.17	56.96	54.74	55.11	57.47	56.38	25.3	24.6	30.9	36	30.7	26.7	29	36.9	23.8	86.2	88.9	61.8	45.5	63.5	80.6	71.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	167.6

Day.	Wind.												Mean force.	Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	S	2	SSW	3	WSW	1	NNW	1	SW	1	1.3	1	.....	Cu.	1	Ci.	Cu.
2..	Calm	....	W	1	WSW	1	S	1	SW	1	Calm	....	.7	0	.....	Cu.	3	.....	Cu. SE
3..	Calm	....	SSW	2	S	1	SW	1	NNW	1	SW	2	1.2	0	.....	.....	4	Ci.	cu. swbys
4..	Calm	....	SSW	1	SSW	2	SSW	1	SW	1	S	1	1	1	Ci.	Cu.	4	.....	Cu. SW
5..	Calm	....	Calm	....	Calm	....	SSW	1	SW	1	SSW	1	.5	2	A.-Cu.	Cu.	3	Ci.	Cu. S
6..	Calm	....	SSE	1	SW	1	SW	1	SW	1	Calm	....	.7	1	A.-Cu. S	Cu. SSE	7	Ci.	Cu. SW
7..	SW	1	SW	1	S	3	SSW	4	SSW	2	S	2	2.2	2	A.-Cu. S	Cu.	2	Ci.	Cu. S
8..	SSW	1	S	2	S	2	S	3	S	2	S	3	2.2	2	.....	Cu. SSW	1	Ci.	Cu.
9..	SW	1	Calm	....	S	1	SW	1	SW	1	SW	1	.8	3	Ci.	Cu.	5	Ci.	Cu.-N.
10..	SW	1	Calm	....	SW	1	WNW	2	NW	1	W	1	1	9	Ci.-S.	Cu.-N.	8	Ci.-S.	Cu. NE,S
11..	SW	1	Calm	....	SSW	2	S	2	WNW	3	W	1	1.5	8	Ci.	Cu.	9	A.-Cu.	cu.-N. SSW
12..	SW	1	Calm	....	S	3	S	3	SSW	2	SW	1	1.7	9	.....	N.-cf. S	1	Ci.	Cu. S
13..	S	2	SSW	1	SSW	3	S	3	NNW	3	N	2	2.3	0	.....	Cu.	2	.....	Cu. SSE
14..	SW	1	WSW	1	SSW	3	S	2	NNW	1	SW	2	1.7	6	A.-Cu. N	Cu.	8	Ci.	cu.-N. SSW
15..	SW	1	SW	1	SW	1	S	1	W	2	SW	1	1.2	2	Ci.	Cu.	3	.....	Cu. SSW
16..	SW	1	SW	1	SW	1	SW	1	N	2	SW	1	1.2	4	Ci. NE	Cu.	7	Ci.-S.	Cu.
17..	Calm	....	Calm	....	S	2	WSW	1	NW	3	WSW	1	1.2	4	Ci.	Cu.	7	Ci.	Cu.-N.
18..	SW	1	Calm	....	S	1	N	1	W	1	SW	2	1	2	Ci. E	Cu.	3	Ci.	Cu.-N.
19..	Calm	....	Calm	....	SSW	1	NE	1	SSW	1	Calm	....	.5	1	Ci.	Cu.	1	Ci.	Cu.
20..	Calm	....	SW	1	S	1	SSW	1	WSW	1	SW	1	.8	1	Ci. N	Cu.	2	Ci.	Cu. S
21..	SW	1	Calm	....	SW	1	SSW	1	NE	1	SW	2	1	1	Ci.	Cu.	8	Ci.	Cu.-N. S
22..	Calm	....	SW	1	S	1	SW	1	NW	2	SW	1	1	0	Ci.	Cu.	3	Ci.	Cu.-N.
23..	SSW	2	SSW	1	S	1	SW	1	NW	2	Calm	....	1.2	5	Ci. SW	Cu.	4	Ci.	Cu. SSE
24..	SSW	1	SSW	1	SW	1	SSW	1	N	1	Calm	....	.8	4	Ci. NE	Cu.	3	A.-Cu.	Cu. SE
25..	Calm	....	S	2	SSW	1	SW	1	N	3	NW	2	1.5	0	Ci.	Cu.	4	Ci. NE	Cu. SSE
26..	SW	2	E	1	W	1	WNW	1	NNW	3	NNW	2	1.7	1	Ci.	Cu.	7	Ci. S	Cu. ENE
27..	WNW	1	NW	1	NW	2	N	2	NW	2	Calm	....	1.3	10	Ci.	Fr.-N. NE	7	Ci.	Cu. NE
28..	NW	4	WNW	4	NNW	3	N	4	NNW	4	NW	7	4.3	3	Ci.	S.-Cu. NE	10	A.-Cu.	Fr.-Cu. N
29..	WNW	7	WSW	7	S	5	S	8	SSE	9	SSE	10	7.7	10	.....	Fr.-N.	10	.....	Fr.-N. SW
30..	S	6	S	3	SSW	2	SSW	3	S	2	SSW	1	2.8	10	.....	N. S	10	Ci.-S.	cu.-N. SSE
Mean	.....	1.2	.....	1.2	.....	1.7	.....	1.8	.....	2	.....	1.6	1.6	3.4	.....	.....	4.9	.....	.....

TUGUEGARAO.

[$\phi = 17°\ 36'$ N; $\lambda = 121°\ 40'$ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.10	56.02	56.57	55.68	56.35	58.79	56.42	24	23.7	30.1	33.7	30.6	24	27.7	34.3	23.2	90	91	65	54	70	91	76.8	.....
2..	57.81	58.52	58.61	56.68	57.18	59.18	58	23.3	23.1	28.6	35.7	31.6	26.7	28.2	36.2	22.6	96	96	75	52	66	85	78.3	.....
3..	58.07	58.33	58.03	56.23	56.53	58.23	57.57	25.2	24.4	30.3	34.6	30	26.3	28.5	35.5	24	90	95	70	52	65	92	77.3	.....
4..	56.55	56.79	56.36	54.66	54.75	56.46	55.93	25.3	24.3	28.6	35.3	30	27.6	28.5	35.6	23.8	94	93	75	52	65	87	77.7	.....
5..	54.36	54.61	55.36	53.42	53.20	54.52	54.24	25.7	24.5	30.1	32.3	29.5	26.8	28.2	33.3	24.3	89	92	70	60	71	89	78.5	.....
6..	53.53	53.95	53.83	52.49	52.36	54.63	53.46	25.8	24.9	29.2	31.6	28	25.9	27.6	32.4	24.5	95	91	78	71	88	96	86.5	5.4
7..	54.46	55.30	55.82	53.77	54.53	56.34	55.04	25.1	25	30	35.1	30.4	26.7	28.7	35.4	24.6	99	98	77	60	78	85	82.8	.....
8..	55.71	56.19	56.50	54.16	54.72	56	55.45	25.4	24.2	30	35	31.7	27.6	29	35.8	23.4	89	93	74	57	69	85	77.8	.....
9..	54.96	55.14	55.06	52.44	52.17	55.25	54.17	26	25.3	30.5	35.8	31.1	25.2	29	36.7	24.5	89	93	71	53	69	92	77.8	1.5
10..	52.82	52.71	52.98	51.13	50.95	52.97	52.26	24.9	24.2	29.4	33.7	30.8	27.5	28.4	35	23.9	94	96	78	61	67	77	78.8	.....
11..	51.93	52.66	52.67	52.01	52.25	54.04	52.59	26.3	25.3	28.7	30.7	29	27	27.8	30.7	24.7	79	89	76	71	81	88	80.7	.....
12..	52.76	53.47	54.51	53.18	53.51	54.82	53.71	25.8	25.2	30.7	32.5	28	26.3	28.1	34.7	24.5	91	94	65	68	80	94	82	3.3
13..	53.68	53.97	54.32	52.32	52.83	54.41	53.59	25.6	25	31.3	35.3	29.7	28.2	29.2	35.9	24.5	88	92	66	51	81	85	77.2	.5
14..	53.40	53.64	54.32	53.04	53.21	54.27	53.65	26.9	25.8	30.2	32.5	30.2	27.2	28.8	32.7	25.2	81	88	69	60	75	92	77.5	.5
15..	53.44	54.10	54.14	52.93	52.96	54.14	53.62	26.5	26.2	29.4	31.7	29	26.8	28.3	33.4	25.8	94	95	76	63	78	85	81.8	.....
16..	53.30	54.44	54.67	53.26	54.11	55.40	54.20	26.1	25.6	31.5	31.2	29.3	25.7	28.2	33.6	25.1	91	94	62	69	72	87	79.2	3.6
17..	54.34	54.88	55.12	53.81	55.76	56.53	55.07	24.8	24.3	31.8	34.6	24.3	24.5	27.4	36	23.7	91	94	56	50	93	93	79.5	47.3
18..	55.30	55.77	55.99	54	54.39	55.54	55.16	24.5	24	29.8	33.3	30	26.7	28	33.5	23.8	93	96	76	59	80	89	82.2	.....
19..	54.70	55.84	56.33	54.20	54.22	55.83	55.19	26	25.5	31.4	35.8	30.7	27.9	29.6	36.1	25.1	93	93	61	51	76	84	76.3	.3
20..	55.04	55.74	56.51	54.77	54.47	56.23	55.46	26.1	25.4	28.2	29.5	29.4	27	27.6	31.3	25.1	94	91	76	76	72	84	82.2	.3
21..	55.55	55.61	55.93	54.67	55.43	56.02	55.54	25.7	25.5	30.3	31.7	25.6	24.7	27.2	32.2	24.1	91	93	70	69	93	91	84.5	12.5
22..	55.68	54.57	55.73	54.72	54.41	55.60	55.12	24.3	23.9	24.5	24.8	24.7	22.9	24.2	25.4	22.2	95	98	93	91	87	93	92.8	2.8
23..	54.93	54.46	54.78	53.32	52.47	54.44	54.07	22.3	21.8	27.7	33.3	32	26.9	27.3	34.8	21.3	97	95	76	56	64	85	78.8	.....
24..	54.05	53.97	54.27	52.77	53.73	55.06	53.98	25.3	24.1	29.3	34	26.2	25.4	27.4	34.7	23.7	90	96	72	54	86	92	81.7	.....
25..	53.81	54.20	53.72	52.28	54.17	55.32	53.92	25	24.8	30	34	24.3	23.7	27	34.8	22.4	93	95	71	63	97	92	85.2	45
26..	54.86	55.14	55.01	53.97	54.64	55.96	54.93	23.3	23.6	27.1	29.6	26.1	25	25.8	29.8	22.8	99	99	83	74	93	92	90	7.4
27..	54.91	55.34	55.61	53.87	53.41	53.52	54.44	23.6	23.5	24.4	26.7	27	25	25	27.3	23.4	96	98	96	88	86	95	93.2	2.3
28..	52.71	52.92	53 22	52.37	52.03	53.61	52.81	24.5	24	24.9	27.3	27.2	25	25.5	28	23.6	94	96	92	90	85	92	91.5	.....
29..	53.51	53.67	55.04	54.46	54.98	56.24	54.65	24.7	24.8	28	29.9	27.6	25.6	26.8	30.1	23.8	87	83	73	67	83	87	80	.....
30..	55.90	56.72	57.63	56.61	56.98	58.88	57.12	24.7	24.3	28.9	31.1	29.5	26.5	27.5	31.2	23.8	88	89	71	62	70	83	77.2	.....
31..	58.33	58.77	59.74	58.63	58.25	60.51	59.04	25.9	24.4	29.2	31.6	29.5	26.7	27.9	32.6	24	90	92	72	66	79	88	81.2	.....
Mean	54.69	55.08	55.43	53.93	54.20	55.77	54.85	25.1	24.5	29.2	32.4	28.8	26.1	27.7	33.2	23.9	91.6	93.5	73.7	63.5	78	88.7	81.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132.7

Day.	Wind.												Clouds.							
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	SW	1	Calm	....	S	3	SW	1	SW	1	SW	3	1.5	10	A.-Cu.	Cu.-N.	9	Ci.	Cu.	SSW
2..	SW	1	Calm	....	SW	1	SW	1	WSW	3	Calm	....	1	7	Ci.	Cu.	3	Ci.	Cu.	SSW
3..	SSW	1	Calm	....	W	1	N	3	NW	2	SW	2	1.5	1	Ci.	Cu.	2	Ci.	Cu.	
4..	Calm	....	WNW	1	WSW	1	NE	2	NNW	2	Calm	....	1	10	.....	Cu.-N. NE	7	Ci.-Cu. E	Cu.	N
5..	Calm	....	SW	2	WSW	1	NNW	1	W	1	SW	1	1	9	Ci.	Cu. NE	10	Ci.-S.	Cu.-N.	NE
6..	NN W	1	NW	1	NW	2	NNW	2	NW	1	Calm	....	1.2	10	.....	Cu.-N. N	10	Ci.	Cu.-N.	NE
7..	Calm	....	NW	1	WSW	1	NNE	1	WSW	1	SSW	1	.8	10	.....	S.	7	Ci.	Cu.-N.	SE
8..	Calm	....	Calm	....	W	1	SW	1	NW	2	NW	3	1.2	1	Ci.	Cu.	1	.....	Cu.	S
9..	WNW	1	WSW	1	WNW	1	SW	1	W	1	Calm	....	.8	6	Ci.	Cu.	3	Ci.	Cu.	
10..	SW	1	SW	1	SW	1	S	2	SSW	1	S	1	1.2	7	A.-Cu. WNW	Cu. S	4	Ci. W	Cu.	S
11..	SW	1	Calm	....	SW	1	Calm	....	WSW	1	Calm	....	.5	9	A.-Cu.	Cu. W	9	Ci.-S.	Cu.-N.	
12..	SSW	1	Calm	....	S	1	W	1	WSW	1	Calm	....	.7	3	A.-Cu.	Cu.	10	.....	N.	
13..	SW	1	SSW	1	S	2	S	3	Calm	....	Calm	....	1.2	0	Ci.	Cu.	7	Ci.	Cu.	W
14..	SW	1	Calm	....	SSW	1	Calm	....	SSW	1	Calm	....	.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.	
15..	Calm	....	Calm	....	S	1	Calm	....	Calm	....	Calm	....	.2	10	.....	Cu.-N.	10	Ci.-S.	N.	
16..	Calm	....	Calm	....	SSW	1	Calm	....	E	1	SW	1	.5	10	.....	Cu.-N. S	8	Ci.-S.	Cu.-N.	
17..	Calm	....	Calm	....	S	2	WSW	1	NE	2	Calm	....	.8	5	A.-Cu. WNW	Cu.	7	.....	Cu:	
18..	Calm	....	Calm	....	WSW	1	WSW	1	Calm	....	Calm	....	.3	1	A.-Cu.	Cu.	7	Ci.	Cu.	WSW
19..	Calm	....	Calm	....	S	2	WSW	1	Calm	....	Calm	....	.5	7	Ci.	Cu.-N. W	1	Ci.	Cu.	WSW
20..	Calm	....	SSW	2	S	1	W	1	WSW	1	Calm	....	.8	9	Ci.-S.	Cu.-N. S	10	Ci.-S.	Cu.-N.	
21..	Calm	....	SW	1	SSW	1	WNW	3	Calm	....	SW	1	1	8	Ci.-S.	Cu.-N. SSW	10	.....	Cu.-N.	
22..	SW	2	Calm	....	SSW	2	SSW	2	S	1	S	2	1.5	10	.....	N.	10	.....	N.	S
23..	S	1	Calm	....	S	1	NE	1	N	1	Calm	....	.7	0	.....	.....	4	Ci.-Cu.	Cu.	
24..	Calm	....	Calm	....	SW	1	NE	1	SW	1	SE	1	.7	1	Ci.	.....	6	.....	Cu.-N.	NE
25..	Calm	....	Calm	....	S	2	Calm	....	SW	3	Calm	....	.8	7	.....	S.-Cu. SE	8	A.-Cu.	Cu.	
26..	Calm	....	Calm	....	S	1	Calm	....	NW	1	S	2	.7	10	.....	N. SW	10	.....	Cu.-N.	S
27..	S	1	S	1	SW	1	SE	1	Calm	....	SW	1	.8	10	.....	N.	10	.....	N.	S
28..	S	1	Calm	....	Calm	....	Calm	....	S	2	SW	1	.7	10	.....	N.	10	.....	N.	
29..	SW	1	S	1	S	1	SE	2	S	1	SW	1	1.2	10	.....	Fr.-N. S	10	.....	Cu.-N.	S
30..	SE	1	SE	1	SE	3	S	1	Calm	....	SE	1	1.2	10	Ci.-S.	N.-cf.	10	.....	Cu.-N.	S
31..	SE	1	Calm	....	SSW	2	Calm	....	Calm	....	Calm	....	.5	10	.....	Fr.-N.	10	Ci.-S.	N.-cf.	S
Mean	.....	0.6	.....	0.5	.....	1.3	.....	1.1	.....	1	.....	0.7	0.9	7.1	.....	.....	7.5	.....	.....	

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.50	59.80	60.48	59.31	58.96	60.45	59.75	26.6	24.5	26.1	28 4	25.7	24	25.9	29.5	22	86	91	89	80	97	96	89.8	7.1
2..	58.66	58.82	59.92	58.76	58.45	59.46	59.01	22	22	24.3	24.8	24.7	23.6	23.6	26.2	21.7	97	96	86	90	90	95	92.3	.....
3..	58.32	58.38	59.47	58.01	57.46	59.09	58.46	23.1	23.4	24.9	27.8	27.5	25.5	25.4	29.8	22.6	97	97	92	80	81	91	89.7	.....
4..	58.26	58.34	59.44	56.84	56.61	58.66	58.02	24.5	24.1	29	33.7	30.2	26	27.9	34.2	23.4	100	100	71	52	74	91	81.3	.....
5..	57.94	57.92	58.51	56.46	55.93	58.03	57.46	25.5	24.5	28.7	35.5	32.2	27	28.9	36.9	24	93	97	78	43	64	84	76.5	.....
6..	57.20	57.57	57.57	55.54	55.03	56.92	56.64	24.7	24.2	29	35.5	33.1	26.6	28.8	36.9	24	96	97	71	54	58	87	77.2	.....
7..	56.21	57	57.21	55.73	55.34	57.82	56.55	25.4	24.6	29.5	36.2	34	27	29.4	37.6	24.2	93	93	71	41	54	80	72	.....
8..	57.31	57.48	57.90	56.09	56.19	58.78	57.29	25.9	25.2	30	36.5	30.3	25.5	28.9	37.4	24	86	90	75	42	68	84	74.2	.....
9..	57.76	58.35	58.63	56.07	56.68	58.43	57.65	24.2	23.4	28.5	31	26	25.4	27	36	23.1	93	93	73	54	85	88	81	.....
10..	56.63	57.12	57.11	55.65	56.41	56.79	56.62	24.1	23.5	29	32.1	24.8	24	26.2	33.7	23.3	92	96	70	63	89	96	84.3	4.3
11..	55.62	55.94	55.56	54.28	53.40	54.01	54.80	23.4	22.3	28	27.3	24.5	24.5	25	30.8	22.1	94	96	80	91	97	95	92.2	17.5
12..	52.83	52.01	52.24	51.87	52.49	53.84	52.55	24.2	24	23.8	23.5	23.7	23.5	23.8	24.6	23	95	96	93	97	97	97	95.8	27
13..	52.89	53.42	53.66	52.05	53.23	55.17	53.40	23.4	23.4	28	30.5	27.6	25.5	26.4	31.5	23.2	97	97	77	69	68	85	82.2	.....
14..	55.71	55.76	56.77	55.46	55.85	57.80	56.22	24.5	24	28	30.4	28.6	25.7	26.9	30.9	23.8	91	91	74	63	80	89	81.3	.....
15..	57.17	58.14	58.53	57.17	57.46	59.89	58.06	24.4	24.1	29.5	34.5	30.6	26.3	28.2	35	23.7	96	96	72	53	72	84	78.8	.....
16..	58.84	59.49	59.72	57.73	57.94	59.92	58.94	25.1	23.6	28.5	33.4	29.4	26.5	27.8	35.8	23.5	91	96	77	54	69	85	78.7	.....
17..	59.39	59.81	59.82	56.77	56.67	57.82	58.38	25	24	29	35.1	29	26.2	28	36	23.5	89	91	76	53	75	91	79.2	.....
18..	56.58	56.89	57.18	54.67	54.86	56.70	56.15	25	24.1	29.9	34	28	26.5	27.9	34.5	23.9	92	94	72	59	79	90	81	.....
19..	55.65	56.01	56.58	54.77	55.16	57.58	55.96	25.3	25	28.6	35	29	26.5	28.2	35.5	24.5	92	92	74	54	71	86	78.2	.....
20..	56.70	56.89	57.69	55.74	56.53	58.08	56.94	24.6	24.5	28	35	28	25.5	27.6	35.8	24	96	93	77	54	83	92	82.5	.....
21..	57.41	57.75	58.24	56.14	56.45	58.22	57.37	24.9	24.4	28.7	35	27.5	25.9	27.7	36.6	24	92	94	76	49	88	93	82	3
22..	57.60	57.64	58.18	56.48	56.22	58.15	57.38	25	24.6	29	30.1	28.1	25.8	27.1	34.6	24.3	95	95	74	81	81	94	86.7	.....
23..	57.36	57.29	57.83	55.34	55.36	56.39	56.60	24.5	24.1	28.1	33.9	29.2	25.8	27.6	34.5	23.7	94	96	81	53	69	85	79.7	.....
24..	55.26	54.54	54.23	52.10	51.73	53.14	53.50	24.3	23.5	29.5	33.6	31.6	27	28.2	35.7	23	87	88	71	51	62	77	72.7	.....
25..	52.97	53.80	55.04	53.93	54.05	56.12	54.32	25.2	24	29.6	35.2	31.4	26.8	28.7	36.6	23.2	85	91	67	46	63	87	73.2	.....
26..	56.18	56.65	57.84	56.36	56.31	57.63	56.83	26	25.1	29.8	30.7	29	26.5	27.8	33.6	24.6	90	94	73	70	82	94	83.8	15.2
27..	57.45	56.98	57.63	56.43	56.80	57.41	57.12	25.3	24.5	28.3	30	25.2	24.6	26.3	30.1	24.1	96	96	81	82	92	97	90.7	6.4
28..	56.94	56.66	57.45	56.01	56.45	57.26	56.80	24.4	24.5	27.5	29.6	26.5	24.8	26.2	30.2	23.8	97	97	81	79	90	95	89.8	30.2
29..	56.66	57.17	57.61	55.49	56.56	57.90	56.90	23.6	22.8	26.7	32.8	27.7	24.5	26.4	33.2	22.7	95	95	85	61	79	93	84.7	5.6
30..	57.06	57.32	57.80	55.95	56.71	58.70	57.26	23.9	23.6	27.6	33	27.6	23.8	26.6	34.2	22.5	94	98	83	62	74	93	84	1.3
31..	57.71	57.32	57.58	55.40	55.97	57.84	56.97	22.8	22.8	27.5	33	27.2	24.8	26.4	34.6	22.4	98	97	78	55	81	94	83.8	49
Mean	56.83	57.04	57.53	55.76	55.91	57.55	56.77	24.5	23.9	28.1	32.3	28.3	25.5	27.1	33.6	23.4	93.2	94.6	77.4	62.4	77.8	89.9	82.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	166.6

Day.	Wind.													Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.		
															Upper.	Lower.		Upper.	Lower.	
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*			
1..	Calm	....	NE	1	Calm	....	Calm	....	Calm	....	Calm	....	0.2	10	.....	N.	10	.....	Cu.-N.	N
2..	Calm	....	S	1	SE	1	NW	1	Calm	....	Calm	....	.5	10	.....	Cu.-N.	S 10	.....	Cu.-N.	W
3..	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	.2	10	.....	N.	10	Ci.-S.	Cu.-N.	NE
4..	SE	1	S	1	SE	1	SW	1	NE	1	Calm	....	.8	10	.....	N.	8	Ci.-S.	.....	
5..	Calm	....	Calm	....	S	1	SW	1	Calm	....	N	1	.5	3	.....	Cu.	6	Ci.	Cu.	W
6..	Calm	....	SE	1	SW	1	NW	1	Calm	....	NW	1	.7	6	Ci.	S.-Cu.	4	Ci.-Cu.	Fr.-cu.	
7..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	8	Ci.	S.-Cu.	4	Ci.	Fr.-cu.	
8..	Calm	....	SE	1	E	1	E	1	NE	2	SE	1	1	8	Ci.	NE Cu.	S 4	Ci.-S.	Cu.	
9..	SW	1	SW	1	SE	1	SE	1	SE	1	SE	1	1	8	Ci.	S.-Cu.	8	Ci.-S.	Fr.-Cu.	
10..	S	1	SE	1	SE	1	SE	1	NW	1	Calm	....	.8	7	Ci.	Cu.	8	Ci.-S.	Cu.-N.	
11..	NW	1	NE	1	NW	2	NW	1	N	1	Calm	....	1	4	Ci.	Cu.	N 10	.....	Cu.-N.	NW
12..	S	1	S	1	S	2	SE	1	SE	1	Calm	....	1	10	.....	N.	10	.....	N.	
13..	Calm	....	Calm	....	S	2	SE	2	S	2	SE	1	1.2	7	.....	Cu.-N.	S 7	Ci.-S.	Cu.-N.	S
14..	SE	2	SE	1	S	3	S	3	S	1	Calm	....	1.7	10	Ci.-S.	S.-Cu.	S 10	Ci.-S.	Fr.-N.	S
15..	SE	1	E	1	SE	1	S	1	Calm	....	W	1	.8	6	A.-Cu.	Cu.	6	Ci.	Fr.-Cu.	S
16..	W	1	Calm	....	SE	1	NW	1	N	1	NW	1	.8	3	.....	Fr.-Cu.	S 5	.....	Cu.	E
17..	NW	1	Calm	....	N	1	N	1	NE	1	NE	1	.8	6	.....	Cu.-N.	N 6	.....	Cu.	N
18..	N	1	Calm	....	E	1	NE	1	NE	1	NW	1	.8	0	.....	.....	6	Ci.	Fr.-Cu.	N
19..	SE	1	Calm	....	S	1	NW	1	NW	1	SW	1	.8	8	.....	Cu.-N.	7	.....	Cu.-N.	N
20..	SW	1	SSW	1	SW	1	NW	1	NW	1	Calm	....	.8	8	Ci.	N.-cf.	S 6	Ci.	Cu.	NE
21..	Calm	....	SE	1	SW	1	Calm	....	Calm	....	NE	1	.5	8	.....	Cu.-N.	S 6	Ci.	Fr.-Cu.	N
22..	NE	1	Calm	....	SW	1	Calm	....	NW	1	Calm	....	.5	9	Ci.	Cu.-N.	NE 8	.....	Cu.-N.	NE
23..	Calm	....	Calm	....	W	1	NE	1	NW	2	Calm	....	.7	10	.....	Cu.-N.	6	Ci.	Cu.	NE
24..	Calm	....	SW	1	S	1	SE	1	Calm	....	Calm	....	.5	6	Ci.	Cu.	5	Ci.	N	.....
25..	Calm	....	Calm	....	Calm	....	SW	1	NE	1	NW	2	.7	8	Ci.,Ci.-S.	.....	8	Ci.,Ci.-S.	.....	
26..	S	1	Calm	....	S	1	SW	1	Calm	....	Calm	....	.5	8	Ci.-S.	Fr.-S.	8	Ci.	Cu.-N.	SE
27..	Calm	....	Calm	....	S	1	NE	1	Calm	....	Calm	....	.3	7	.....	Cu.-N.	E 10	.....	Cu.-N.	N
28..	Calm	....	Calm	....	S	1	SW	1	S	1	Calm	....	.5	10	.....	N.	8	.....	Cu.-N.	S
29..	Calm	....	Calm	....	SE	1	S	1	SW	2	Calm	....	.7	2	.....	Fr.-S.	6	Ci.	Cu.	SE
30..	SW	1	Calm	....	SW	1	S	1	NW	2	Calm	....	.8	10	.....	N.	S 3	.....	Fr.-Cu.	
31..	SE	1	SE	1	SE	1	SW	1	S	1	Calm	....	.8	10	.....	N.	S 6	Ci.	Cu.	SW
Mean	.....	0.5	.....	0.5	.....	1	.....	1	.....	0.8	.....	0.4	0.7	7.4	.....	.....	7.1	.....	.....	

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P. t.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.69	57.15	58.65	55.97	56.44	59.33	57.54	24.6	24.3	27.5	31	27.4	24.8	26.6	31.9	24	96	97	84	65	81	89	85.3	.....
2..	58.57	58.01	58.85	56.30	58.08	58.65	58.08	25	24	27.5	33	25.6	25.8	26.8	34	23.4	92	95	80	59	92	94	85.3	3
3..	57.65	57.15	57.75	55.16	55.78	57.46	56.82	24.3	24.3	27.2	32	26	25.6	26.6	33.8	24	98	97	86	64	89	92	87.7	.....
4..	55.53	55.24	55.66	53.10	52.83	54.08	54.41	24.6	24.4	28	33.2	28.6	26.5	27.6	34.7	24	93	93	76	58	72	88	80	.....
5..	53.10	53.02	53.91	50.77	51.49	53.64	52.66	25.8	25.1	27.9	32	25.5	25.5	27	33	24.6	92	96	88	66	99	97	89.7	52.3
6..	52.37	52.90	54.10	52.36	53.51	55.22	53.41	25.2	24	28.4	32.2	29.1	24.5	27.2	33.2	23.1	98	98	82	65	79	88	85	.....
7..	54.27	54.42	54.44	52.57	52.31	53.55	53.59	22.9	22.5	28.8	34	30.2	27	27.6	36	22.5	97	99	72	54	74	81	79.5	.....
8..	53.14	53.67	53.92	52.39	52.55	53.75	53.24	25	24.8	29.8	34.7	30	27	28.6	35.6	24.6	97	98	66	43	71	72	74.5	.....
9..	53.34	53.83	53.83	52.37	53.49	54.89	53.62	24.9	23.5	29.2	36.1	30.1	27.1	28.5	36.2	23.4	83	92	70	41	62	81	71.5	.....
10..	54.25	54.41	55.04	53.47	53.84	55.63	54.44	26.3	24.7	29	33.2	30.4	26.8	28.4	35.4	24.5	85	96	78	56	63	74	75.3	.....
11..	54.71	55.29	56.56	54.46	54.89	56.28	55.36	25.3	24.8	29.2	33.5	30.4	27	28.4	34	24.6	89	89	70	55	66	86	75.8	.....
12..	55.99	56.51	57.49	55.81	56.81	58.12	56.79	25.8	25	29.4	34.8	26.4	25.3	27.8	36	25	89	93	73	52	94	93	82.3	26.7
13..	57.81	58.49	58.91	57.33	57.53	58.68	58.12	24.5	24.2	29	26.6	27.5	26.2	26.3	32	24.1	96	97	79	80	87	93	88.7	.....
14..	58.04	58.30	58.72	57.84	58.80	59 80	58.58	25.2	25	29	23.6	24.7	23.9	25.2	32	23.2	95	95	78	95	96	96	92.5	21.6
15..	58.91	58.82	59.49	57.27	57.86	59.70	58.68	23.2	23	27.4	31	27	24	25.9	32.6	22.8	98	97	80	72	79	96	87	15.2
16..	59.07	58.56	59.45	57.18	57.54	59.61	58.57	23.3	23.4	27	31	27.2	24.7	26.1	33.8	22.8	99	97	81	69	76	88	85	.....
17..	59.01	59.42	59.87	57.10	56.83	59.30	58.59	23.8	23.5	27.7	31	29.2	26	26.9	32	23.4	97	96	79	68	75	87	83.7	.....
18..	58.18	58.84	59.75	57.12	57.78	59.60	58.54	25	24.5	27.3	33.4	28.5	25.6	27.4	35.7	24.4	93	96	82	58	75	92	82.7	.....
19..	59.37	59.80	60.24	57.15	58.76	60.71	59.34	23.8	23.6	27.8	33.2	26.2	24.8	26.6	34.2	23.6	93	94	77	60	81	89	82.3	.....
20..	59.71	59.60	59.75	56.80	56.78	58.99	58.60	23.9	24	28	32.9	28.3	25.1	27	34.6	23.2	97	96	79	58	72	87	81.5	.....
21..	57.92	57.68	57.78	56.56	56.01	57.93	57.31	23.7	22.5	27.2	32.1	28.6	25.2	26.6	33.2	22	95	96	70	56	75	88	80	.....
22..	57.32	57.72	57.53	55.64	55.93	58.78	57.15	23.8	24	28.3	34.4	28.5	25	27.3	35.1	23.2	95	93	77	54	73	87	79.8	6.4
23..	57.43	57.69	58.09	55.79	56.58	58.38	57.33	23.7	23.5	27.7	32.6	27.4	25.7	26.8	33.8	23	96	96	79	57	79	91	83	.....
24..	57.96	58.67	59.33	57.85	58.08	60.35	58.71	24.3	24	27.8	32.3	27.6	25	26.8	32.6	23.4	98	97	83	62	84	92	86	21.1
25..	60.30	60.37	61.68	58.88	59.23	61.31	60.30	23.5	23.5	27	30.6	27.3	25.5	26.2	31	23	97	98	81	72	82	88	86.3	.....
26..	60.38	60.69	61.88	59.01	59.89	61.67	60.59	25.1	24.8	28.4	31.2	27.1	24	26.8	33	23	92	95	76	67	84	94	84.7	36.6
27..	60.75	60.92	61.56	59.13	59.31	61.17	60.47	23.3	22.5	27.2	30.9	28	25.2	26.2	32.4	22.1	95	97	83	71	82	90	86.3	.....
28..	60.23	60.20	60.59	57.86	57.63	59.03	59.26	23.8	22.6	28	33	29.1	24.8	26.9	34	22.3	93	96	78	57	72	89	80.8	.....
29..	58	58.18	58.12	55.37	55.12	56.81	56.93	22.9	22.5	28	27.6	27.5	25.4	25.6	32.8	22	92	96	80	88	82	95	88.8	.....
30..	55.75	55.49	56.38	54.04	54.95	56.19	55.47	24.1	24.1	27	26.2	25.2	24	25.1	30.2?	23.5	97	97	92	90	93	97	94.3	49.1
Mean	57.22	57.37	57.98	55.76	56.22	57.95	57.08	24.4	23.9	28.1	31.8	27.8	25.4	26.9	33.6	23.4	94.2	95.7	78.6	63.7	79.6	89.1	83.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	232

Day.	Wind.										Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		6 a. m.				2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	Calm	....	NW	1	NE	1	SE	1	0.5	10	.....	N.	10	Ci.	Cu.-N. NW
2..	SE	1	SE	1	SSW	1	N	1	NE	1	NE	1	1	7	A.-Cu.	Cu.-N. S	6	Ci., Ci.-Cu.	Cu.-N.
3..	SE	1	SE	1	Calm	....	NE	1	NW	1	Calm	....	.7	7	A.-Cu.	Cu.-N. S	6	Ci., Ci.-S.	Cu.-N. NE
4..	Calm	....	Calm	....	NE	1	N	1	N	1	Calm	....	.5	8	Ci.	Cu.-N. N	7	Ci., Ci.-S.	Fr.-Cu. N
5..	Calm	....	SE	1	Calm	....	N	2	NW	1	Calm	....	.7	10	.....	N. S	8	.....	Cu.-N. N
6..	Calm	....	Calm	....	NE	1	NW	2	NE	1	S	1	.8	7	Ci.	Fr.-S.	7	Ci., Ci.-Cu.	Cu.-N. N
7..	SE	1	S	1	S	1	S	1	NW	1	Calm	....	.8	0	.....	.....	0	.....	.....
8..	SE	1	SE	1	SW	1	NW	2	W	1	NE	1	1.2	8	Ci.	S.-Cu.	7	Ci., Ci.-S.	.....
9..	Calm	....	S	1	N	1	NW	1	NW	1	Calm	....	.7	7	Ci.-S.	Fr.-S.	7	Ci., Ci.-S.	Cu. W
10..	Calm	....	Calm	....	WSW	1	NW	1	NW	1	Calm	....	.5	8	.....	S.-Cu. NW	7	Ci.	Cu.-N. NE
11..	Calm	....	Calm	....	NE	1	SE	1	Calm	....	Calm	....	.3	8	.....	S.-Cu: N	8	Ci.-S.	Fr.-Cu.
12..	Calm	....	Calm	....	S	1	SE	1	Calm	....	Calm	....	.3	8	.....	S.-Cu. SW	7	Ci.-Cu.	Cu. S
13..	SE	1	SE	1	SW	1	SW	1	SW	1	SSE	1	1	8	.....	Cu.-N.	10	.....	N.
14..	SW	1	SW	1	S	1	Calm	....	Calm	....	SE	1	.7	7	Ci.-Cu. N	S.-Cu. S	10	.....	N.
15..	SE	1	S	1	NE	1	NE	2	NNW	1	NW	1	1.2	10	.....	Cu.-N. E	7	.....	Cu.-N. N
16..	SE	1	S	1	WSW	1	NW	1	NW	1	NW	1	1	10	.....	Cu.-N. S	6	.....	Cu. E
17..	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.2	4	Ci.	S.-Cu. SW	8	.....	Cu.-N. S
18..	Calm	....	Calm	....	S	1	NW	1	NW	2	NW	1	.8	10	.....	Cu.-N. NE	5	Ci.	Fr.-Cu. S
19..	SW	1	S	1	SW	1	S	1	NW	1	NW	1	1	8	Ci.	S.-Cu. S	7	.....	Cu.-N. S
20..	N	1	NW	1	NNW	1	NW	1	NW	1	NW	1	1	10	.....	Cu.-N. N	5	.....	Cu. N
21..	N	1	SE	1	Calm	....	NW	1	N	1	NW	1	.8	6	.....	Cu. N	7	.....	Cu. NE
22..	SE	1	S	1	Calm	....	W	1	NNE	1	NW	1	.8	7	.....	S.-Cu. N	2	.....	Fr.-Cu.
23..	Calm	....	Calm	....	Calm	....	SW	1	N	2	N	2	.8	10	.....	Cu.-N. S	2	.....	Fr.-Cu.
24..	Calm	....	Calm	....	N	1	Calm	....	NW	1	NW	1	.5	10	.....	Cu.-N.	7	Ci.	Cu. N
25..	NW	1	NW	1	WSW	1	W	1	WNW	1	S	1	1	10	.....	N. N	8	Ci.-S.	Cu.-N. S
26..	SE	1	Calm	....	SW	1	Calm	....	Calm	....	NE	1	.5	10	.....	Cu.-N. S	4	.....	Cu. S
27..	SE	1	Calm	....	SW	1	NW	1	Calm	....	Calm	....	.5	4	Ci.	S. SE	8	.....	Cu.-N. N
28..	S	1	Calm	....	Calm	....	Calm	....	NE	1	N	1	.5	5	Ci.	S.-Cu.	3	.....	Fr.-Cu.
29..	N	1	Calm	....	NW	1	NE	1	NW	1	NW	1	.8	8	.....	S.-Cu. N	10	.....	Cu.-N. N
30..	NW	1	N	1	NW	1	Calm	....	Calm	....	NE	1	.7	10	.....	Cu.-N. N	10	.....	Cu.-N. N
Mean	.....	0.6	.....	0.5	.....	0.8	.....	0.9	.....	0.8	.....	0.7	0.7	7.8	.....	.....	6.6	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.19	54.22	55.74	53.60	53.83	54.88	54.41	24	23.8	24	26	24.7	24	24.4	26.2	22.6	94	97	100	97	97	97	97	153.8
2..	53.29	53.59	54.07	51.54	52.39	53.14	53	24.5	24.5	27.4	28.7	25.1	24.5	25.8	29.5	23	92	96	89	77	90	91	89.2	49.6
3..	51.93	51.98	52.61	51.05	51.38	52.41	51.89	23.3	23.4	27.5	28.4	26.5	25	25.7	29.4	23	97	97	82	79	85	92	88.7	.....
4..	52.22	52.74	54.04	53.34	54.27	57.11	53.95	23.9	24.2	28.7	31.9	27.6	24.1	26.7	32.5	23.4	96	95	78	67	84	97	86.2	29.2
5..	56.25	56.72	58.44	56.58	57.68	59.55	57.54	23.8	24	27.7	27	26	25.1	25.6	31.4	23.3	95	96	83	92	92	95	92.2	.....
6..	58.72	59.20	59.80	58.01	58.37	58.86	58.83	24	23.4	27	29.5	27.7	25.4	26.2	30	23.3	95	97	83	79	88	95	89 5	5.6
7..	58.35	58.64	59.44	56.59	58.99	59.79	58.63	25	25.1	27.4	31.6	25	23.2	26.2	32.8	22.6	96	96	87	70	83	94	87.7	11.2
8..	59.02	59.41	60.16	58	58.12	60.05	59.13	22.7	22.7	26.4	31.6	26.6	26	26	32.6	21.3	98	98	81	65	83	86	85.2	.....
9..	59.38	59.80	60.74	58.76	59.34	60.54	59.76	24.6	24.2	27.8	30.4	27	25.5	26.6	31.6	23.4	87	95	81	72	81	89	84.2	.....
10..	59.25	59.56	60.82	58.81	58.85	60.17	59.58	23.9	23.8	28	30.2	25.4	23.5	25.8	30.6	22.3	92	92	70	64	93	96	84.5	.....
11..	59.48	59.71	60.63	58.94	59.49	60 87	59.85	22.4	23	26.5	27.6	24.5	23.2	24.5	27.8	22.1	97	95	81	76	88	95	88.7	.....
12..	59.72	59.83	61.07	59.08	59.99	60.91	60.10	22.5	22.4	27.4	31	25.3	23	25.3	31.3	22	96	95	70	61	89	91	83.7	.....
13..	60.01	60.12	60.54	58.43	58.90	59.86	59.64	22.4	22.5	27	28.8	24.5	24	24.9	30.5	21.7	95	97	77	69	88	92	86.3	.....
14..	59.26	58.56	58.90	57.06	56.85	57.31	57.99	23.1	21.9	25.4	26	24	23.7	24	27	21.4	93	93	84	73	91	97	88.5	18.3
15..	55.38	54.43	54.78	51.61	51.40	51.27	53.14	23.7	23.8	25.2	26.1	25.5	25.4	25	26.4	22.5	96	97	98	94	98	98	96.8	35.6
16..	49.15	50.34	53.25	52.56	53.79	55.70	52.46	25.3	24.9	28.8	32.2	27.6	25.2	27.3	33.5	24.1	95	93	79	71	76	88	83.7	.....
17..	55.32	56.09	57.63	54.98	55.01	56.44	55.91	24.2	23.6	26.6	28	26.1	24.8	25.6	29	23.3	92	97	80	81	91	95	89.3	16.3
18..	55.68	56.59	57.46	55.66	55.96	57.49	56.47	24.4	24.5	25.4	27.5	25.4	25.2	25.4	28	23.4	96	97	97	90	98	98	96	18.3
19..	56.49	57.17	58.80	56.47	56.58	58.91	57.40	24.6	24.2	25.8	28.9	25	24	25.4	30	23.2	97	97	95	83	94	96	93.7	37.2
20..	58.36	58.15	59:28	57.20	57.46	59.16	58.27	23.5	23.5	26.5	31	26.6	24.9	26	31.8	23.1	97	98	90	73	80	97	89.2	.....
21..	58.19	58.51	58.58	56.86	56.21	56.37	57.45	24.4	23.5	27.6	29	24.7	25.1	25.7	30.5	23	97	97	79	76	95	94	89.7	3.6
22..	54.60	53.95	53.09	49.47?	48.06	50.86	51.67	25	24.8	26	25.6	23.3	24	24.8	27.2	23.1	93	95	93	95	99	97	95.3	84.6
23..	51.59	53.42	55.32	54.31	55.73	56.98	54.56	25.7	25.5	29.4	30.4	27.4	25.2	27.3	31.3	23.8	89	88	71	76	81	85	81.7	.....
24..	56.36	57.15	57.38	55.83	55.88	57.35	56.66	24	23.8	28.6	33.5	28.4	25.6	27.3	34.2	23	90	90	73	61	86	91	81.8	.....
25..	56.03	57.07	58	39	56.63	57.94	59.13	57.53	24.3	23.3	26.3	28.4	26.1	24.5	25.5	29.4	23.3	97	97	86	78	86	98	90.3	.....
26..	58.81	60.29	61.86	59.97	60.91	62.72	60.76	23.6	23.2	26.8	31.5	25	24	25.7	32	23	98	98	86	65	81	98	87.7	13
27..	61.25	63.13	64.53	62.31	63.20	63.84	63.04	23	23.2	26.7	31.5	26.8	24.4	25.9	32.5	22.4	97	98	86	66	86	92	87.5	.....
28..	62.90	63.39	64.53	61.81	62.17	63.50	63.05	23	23	27	32	27	23.5	25.9	32.3	21.5	98	96	85	64	87	95	87.5	.....
29..	62.33	62.41	62.93	59.27	59.90	60.84	61.28	23.2	23.1	26.7	32.5	27.3	23.4	26	33	22	95	93	86	66	91	93	87.3	.....
30..	60.31	61.06	61.89	59.09	59.51	61.52	60.56	22.4	21	26.5	32.4	27.4	25.3	25.8	33.2	20.8	94	96	82	66	89	94	86.8	.....
31..	60.80	61.67	62.62	60.29	60.33	61.63	61.22	24.5	24.3	26	29.6	26.5	23.8	25.8	31.6	22.5	96	96	92	81	90	95	91.7	.....
Mean	57.25	57.71	58.69	56.58	57.05	58.36	57.60	23.8	23.6	26.9	29.6	26	24.5	25.7	30.6	22.7	94.8	95.5	84	75.1	88.4	93.9	88.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	476.3

Day.	Wind.												Clouds.						
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	N	1	NE	2	N	1	NE	2	NW	2	N	1	1.5	10	.....	N. N	10	.....	N. N
2..	NW	2	NW	1	N	2	NW	2	N	2	NW	1	1.7	7	.....	Cu.-N. N	10	.....	Cu.-N. N
3..	NW	1	Calm	....	NW	1	N	1	Calm	....	Calm	....	.5	10	.....	Cu.-N. N	10	.....	Cu.-N. N
4..	Calm	....	Calm	....	S	1	SSW	1	Calm	....	Calm	....	.3	8	.....	S.-Cu.	8	Ci.-S.	Cu.-N. S
5..	Calm	....	Calm	....	Calm	....	W	1	Calm	....	Calm	....	.2	10	Ci.	Cu.-N.	10	.....	Cu.-N. S
6..	S	1	SE	1	Calm	....	Calm	....	S	1	Calm	....	.5	10	.....	Cu.-N.	6	Ci.-S.	Fr.-N. NE
7..	Calm	....	Calm	....	Calm	....	N	1	S	1	Calm	....	.3	10	.....	N.	7	Ci.	Cu.-N. N
8..	Calm	....	Calm	....	WSW	1	W	1	SE	1	SW	1	.7	7	.....	Cu.-N. S	1	.....	Cu.
9..	SW	1	Calm	....	NW	1	NW	2	NW	2	NW	1	1.2	8	.....	Cu.-N. NE	7	Ci.-S.	Cu. NE
10..	NW	1	NW	1	N	2	NW	1	NW	1	N	1	1.2	7	Ci.-S.	Fr.-S.	7	A.-Cu. N	Cu. N
11..	Calm	....	Calm	....	NW	1	NW	1	NW	1	NW	1	.7	7	.....	S.-Cu. N	8	Ci.-S.	Cu. N
12..	NW	1	NW	1	N	2	NW	1	NW	2	NW	1	1.3	8	.....	Cu.-N. N	6	Ci.	Cu. N
13..	NW	1	NW	1	NW	1	NE	2	NE	1	N	1	1.2	7	.....	S.-Cu. N	7	Ci.	Cu.-N. N
14..	NE	1	Calm	....	N	1	N	2	NW	1	NW	2	1.2	6	Ci.	S.-Cu. NE	10	.....	N. N
15..	NW	1	NW	2	NW	2	NW	3	NW	2	NW	3	2.2	10	.....	N.	10	.....	N. N
16..	NW	1	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	.2	4	.....	S.-Cu. E	5	.....	Cu.
17..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	.....	Cu.-N. S	10	.....	Cu.-N. S
18..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	10	.....	N. S	8	.....	Cu.-N. S
19..	Calm	....	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.2	10	.....	N.	7	Ci.-S.	Cu.-N. S
20..	Calm	....	Calm	....	NE	1	NE	1	NW	1	Calm	....	.5	10	.....	N.	4	Ci.,Ci.-S.	Fr.-Cu.
21..	N	1	NW	1	NW	2	NE	2	NW	2	NW	2	1.7	6	Ci.	Cu. N	10	.....	Cu.-N. N
22..	NE	1	NE	2	NW	3	NW	3	SW	2	S	1	2	8	.....	Cu.-N. NE	10	.....	N. N
23..	SE	3	SW	2	SSE	1	SE	1	SE	1	SE	1	1.5	6	.....	S.-Cu. S	9	.....	S.-Cu.
24..	SW	1	SW	1	SE	1	S	1	Calm	....	Calm	....	.7	6	.....	S.-Cu. SW	4	Ci.-Cu.	Cu. S
25..	SW	1	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.3	6	Ci.	S.-Cu. SW	10	Ci.-S.	Fr.-N.
26..	Calm	....	Calm	....	Calm	....	SW	1	SW	2	Calm	....	.5	10	.....	N.	5	Ci.	Cu. S
27..	Calm	....	Calm	....	Calm	....	NW	1	Calm	....	Calm	....	.2	10	.....	Cu.-N.	4	.....	Cu.
28..	Calm	....	Calm	....	N	1	N	1	Calm	....	Calm	....	.3	8	.....	S.-Cu.	6	.....	Cu. E
29..	Calm	....	Calm	....	SW	1	W	1	Calm	....	Calm	....	.3	8	.....	S.-Cu. N	2	.....	Fr.-Cu.
30..	Calm	....	Calm	....	SE	1	WSW	1	Calm	....	Calm	....	.3	0	.....	.....	6	.....	Cu.
31..	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	Calm	....	0	6	.....	S.-Cu.	8	Ci.-Cu.	Cu. SE
Mean	.....	0.6	.....	0.5	.....	0.9	.....	1.1	.....	0.8	.....	0.5	0.8	7.8	.....	.....	7.3	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.28	61.63	62.12	59.25	59.63	61.88	60.96	21.8	21	26.5	32	27.2	24	25.4	33	20.4	97	100	89	64	86	91	87.8	.....
2..	60.51	60.86	61.61	58.74	59.43	61.01	60.36	21.5	20.9	26.3	33.2	27.6	24.7	25.7	33.5	20.7	95	96	83	60	80	90	84	.....
3..	60.45	61.80	62.48	59.96	60.01	61.82	61.09	22.1	21.2	27.1	27.8	26.9	23.3	24.7	32.3	21	93	95	82	86	87	93	89.3	.....
4..	61.05	61.27	62.25	59.68	59.67	61.18	60.85	21	20.9	26.2	32	26.8	22.9	25	32.8	20.4	94	96	82	55	78	90	82.5	.....
5..	60.55	61.22	62.24	59.34	59.43	61.48	60.71	20	19	26.5	33	28.5	24.7	25.3	33.6	19	93	95	73	54	78	90	80.5	.....
6..	60.75	61.13	62.18	60.35	60.06	61.71	61.03	23.4	22.7	27.2	33.8	28.2	25.1	26.7	34.6	22.4	97	96	80	64	84	91	85.3	2.8
7..	61.07	62.48	62.93	60.65	60.68	62.15	61.66	22.4	20.8	26.5	33.4	27.6	23.3	25.7	34.4	20.6	92	91	77	51	75	89	79.2	.....
8..	61.45	62.15	63.80	61.63	61.39	62.66	62.18	21.9	22.4	26.7	28.5	27.1	24.1	25.1	30	21.4	90	93	75	75	83	93	84.8	.....
9..	62.37	62.98	64.03	61.09	61.22	63.05	62.46	22.2	21	25	33	27.3	23.2	25.3	33.5	20.7	93	96	88	50	77	91	82.5	.....
10..	62.56	63.78	64.82	62.28	63.09	64.25	63.46	20.7	20.8	28	32	25.5	23.4	25.1	32.7	19.5	87	98	67	55	92	91	81.7	.....
11..	63.98	64.39	64.98	62.20	62.56	63.85	63.66	20.8	18.7	25.8	32	26.1	23.1	24.4	32.5	18.6	94	97	78	63	77	90	83.2	.....
12..	62.59	62.26	64.20	61.72	61.83	63.38	62.83	20.9	19.5	24.8	33	26.4	23.5	24.7	33.6	19.5	90	92	79	50	67	82	76.7	.....
13..	63.17	63.75	64.29	62.38	62.56	63.81	63.33	22.5	21.1	27.1	30.7	26.5	24.2	25.4	31.4	21	91	100	72	67	79	84	82.2	.....
14..	63.18	63.39	64.58	61.90	62.63	63.93	63.27	22.4	22.5	25.1	31.1	27	23.8	25.3	32	21.8	96	96	92	62	70	93	84.8	3.8
15..	63.29	64.06	64.76	61.86	62.33	63.94	63.37	23.1	21.6	28	33	25.8	22.8	25.7	33.6	21.4	97	99	67	46	74	89	78.7	.....
16..	62.84	63.74	63.71	61.04	61.31	63.75	62.56	21.8	20.6	26	32	25.8	21.9	24.7	33	20.4	92	94	79	52	75	84	79.3	.....
17..	61.62	62.19	63.48	60.78	60.97	62.12	61.86	22.2	22.2	25.6	31.2	25.6	22	24.8	32	20.4	89	89	78	56	75	90	79.5	.....
18..	61.64	62.32	63.43	60.17	60.45	61.56	61.60	19.9	19.	25.8	31.2	25.6	21.6	23.8	31.7	19	97	95	79	49	72	91	80.5	.....
19..	61.18	61.90	62.05	59.97	59.97	61.82	61.15	19.5	17.8	24.3	31.8	26.7	23.4	23.9	32.4	17.8	91	93	81	53	69	90	79.5	.....
20..	60.82	61.98	63.23	60.51	61.11	61.85	61.58	23.2	22.6	26.2	30	25.4	22.5	25	32.3	22.2	87	88	75	63	81	91	80.8	.....
21..	61.39	61.84	62.02	59.33	59.59	61.18	60.89	22.4	22	25.8	31.5	27.2	24	25.5	32	21.6	93	94	81	53	75	86	80.3	.....
22..	60.30	61.13	61.67	59.07	59.93	61.35	60.58	21.6	19.5	25.6	33	26.6	23.6	25	33.1	19	94	95	76	51	71	91	79.7	.....
23..	60.61	61.08	61.84	59.18	59.88	61.65	60.71	22.1	21.8	26.4	31.6	26.2	23.9	25.3	32.7	21.4	92	93	78	58	80	86	81.2	.....
24..	60.70	61.25	62.49	60.70	61.15	62.59	61.48	23.3	23.2	26	27	23.8	22.9	24	27	22.4	94	94	80	75	93	97	88.8	9.2
25..	61.25	61.17	62.03	59.37	59.56	60.48	60.64	22.6	22.2	25.3	29.6	26.5	24	25	30.2	21.8	97	98	90	70	86	91	88.7	.....
26..	59.55	59.93	61.24	58.44	58.90	60.76	59.80	22.8	22	26.1	32	28.2	24.4	25.9	33	21.7	94	96	85	57	75	91	83	.....
27..	60.21	60.77	62.23	59.21	60.04	61.06	60.59	22.4	22.5	26.8	33	27	24.7	26.1	33.6	22.1	93	96	77	57	81	92	82.7	.....
28..	60.49	61.30	61.93	59.73	60.28	61.95	60.95	23.2	23	28	31.5	26.4	24.5	26.1	32.8	22.7	98	99	77	59	78	91	83.7	.....
29..	61.45	62.39	63.65	61.26	61.63	62.99	62.23	23.3	23.1	25.6	27	23.6	23.5	24.4	31.5	22.6	90	95	83	83	96	96	90.5	5.8
30..	62.36	62.65	63.79	61.48	61.51	62.48	62.38	22.9	22.5	25	27.8	26	22	24.4	29	20.9	97	97	88	75	76	94	87.8	.....
Mean	61.49	62.09	63	60.44	60.76	62.26	61.67	22	21.3	26.2	31.3	26.5	23.5	25.1	32.3	20.8	93.2	95.2	79.7	60.4	79	90.3	83	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21.1

Day.	Wind.														Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.			6 a. m.			2 p. m.			
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Mean force.	Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	SE	1	SW	1	S	1	Calm	....	0.5	0	.....	.....	6	.....	Cu. S
2..	Calm	....	Calm	....	Calm	....	W	1	Calm	....	Calm	....	.2	0	.....	.....	3	.....	Fr.-Cu
3..	Calm	....	Calm	....	Calm	....	NW	1	Calm	....	SW	1	.3	8	.....	S.-Cu.	10	.....	Cu.-N. N
4..	S	1	SW	1	Calm	....	Calm	....	Calm	....	Calm	....	.3	5	.....	S.-Cu. S	8	.....	Cu. E
5..	Calm	....	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.2	0	.....	.....	0	.....	.....
6..	Calm	....	Calm	....	S	1	NW	1	Calm	....	Calm	....	.3	7	.....	Cu. S	4	.....	Cu. E
7..	Calm	....	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.2	0	.....	.....	6	.....	S. S
8..	SW	1	SW	1	W	1	SW	1	Calm	....	Calm	....	.7	10	.....	Cu.-N. S	8	.....	Cu.-N. S
9..	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.2	4	.....	S.-Cu.	0	.....	.....
10..	Calm	....	Calm	....	N	1	SSW	1	Calm	....	Calm	....	.3	7	.....	S.-Cu.	3	.....	Cu.
11..	Calm	....	Calm	....	N	1	Calm	....	Calm	....	Calm	....	.2	0	.....	.....	4	.....	Fr.-Cu. E
12..	Calm	....	Calm	....	WNW	1	SW	1	Calm	....	Calm	....	.3	0	.....	.....	6	.....	Cu. NE
13..	Calm	....	Calm	....	Calm	....	NW	1	Calm	....	Calm	....	.2	7	.....	Cu.-N.	4	Ci.-Cu.	Cu. E
14..	Calm	....	Calm	....	Calm	....	NW	1	Calm	....	NW	1	.3	7	.....	Cu.-N. NE	4	.....	Fr.-Cu. N
15..	Calm	....	Calm	....	SE	1	SW	1	Calm	....	Calm	....	.3	4	.....	Cu.	4	.....	Cu. SE
16..	Calm	....	Calm	....	NW	1	SW	1	Calm	....	Calm	....	.3	0	.....	.....	6	.....	Cu. ESE
17..	Calm	....	W	1	NW	1	NW	1	NW	2	Calm	....	.8	8	.....	Cu.-N N	4	.....	Cu. E
18..	Calm	....	Calm	....	NW	1	Calm	....	Calm	....	NW	1	.3	0	.....	.....	2	.....	Fr.-Cu.
19..	Calm	....	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	.2	0	.....	.....	4	.....	Fr.-Cu.
20..	Calm	....	Calm	....	Calm	....	Calm	....	N	2	Calm	....	.3	6	.....	Cu. E	7	.....	Cu. S
21..	Calm	....	S	1	SW	1	SE	2	S	1	Calm	....	.8	10	.....	N. S	8	.....	Cu. S
22..	S	1	Calm	....	SW	1	NE	1	NW	1	NW	2	1	4	Ci.	.....	2	.....	Cu.
23..	Calm	....	Calm	....	SW	1	N	1	N	1	NW	2	.8	9	.....	S.-Cu. NE	7	.....	Cu. E
24..	NW	1	N	1	NW	2	NW	2	Calm	....	Calm	....	1	8	.....	Cu. N	10	.....	Cu.-N. NE
25..	Calm	....	Calm	....	SW	1	SW	1	Calm	....	Calm	....	.3	8	.....	Cu.-N.	6	.....	Cu. S
26..	Calm	....	Calm	....	SW	1	SW	1	Calm	....	NW	1	.5	0	.....	.....	0	.....	.....
27..	Calm	....	Calm	....	Calm	....	Calm	....	SE	1	SE	1	.3	10	.....	Cu.-N. N	2	.....	Fr.-Cu.
28..	Calm	....	Calm	....	N	1	WSW	1	N	2	N	2	1	10	.....	N. E	8	.....	Cu.-N. E
29..	SE	1	Calm	....	NE	1	NE	1	NW	1	NW	1	.8	8	.....	S.-Cu. N	10	.....	Cu.-N.
30..	NW	1	Calm	....	NE	1	NE	1	Calm	....	Calm	....	.5	10	.....	N.	8	.....	Cu.-N. N
Mean	.....	0.2	.....	0.2	.....	0.7	.....	0.9	.....	0.4	.....	0.4	0.4	5	.....	.....	5.1	.....	.....

TUGUEGARAO.

[ϕ=17° 36′ N; λ=121° 40′ E; barometer above sea, 22 meters; gravity correction not applied, —1.61 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	62.01	62.42	63.68	60.28	60.55	61.93	61.81	21.5	19.2	23	30.5	25.5	22.5	23.7	30.8	18.9	93	95	90	59	81	96	85.7	.....
2..	61.18	62.03	63.61	60.63	60.45	62.07	61.66	21.6	21.1	23.4	30.6	26.3	23.6	24.4	31.7	20	95	94	97	54	76	87	83.8	.....
3..	61.41	62.05	63.54	61.30	60.91	62.85	62.01	22.7	22.8	26.2	31.2	25.2	20.8	24.8	31.5	19.5	91	95	79	59	70	89	80.5	.....
4..	62.31	63.07	63.67	61.42	61.54	62.83	62.47	19.4	19.4	25	28.4	25	21.5	23.1	29.9	18.2	96	95	76	59	76	88	81.7	.....
5..	62.19	62.85	64.30	61.91	62.82	63.73	62.97	22.1	22	25.5	29.5	25.2	24	24.7	30.4	20.7	89	91	77	61	80	89	81.2	.....
6..	63.06	64.09	65.02	62.06	62.32	64.21	63.46	23.8	20.1	24.7	31.4	25.2	20.5	24.3	32	18.9	90	95	79	46	62	87	76.5	.....
7..	63.70	63.91	64.80	61.97	62.28	63.48	63.36	18.3	18.1	24.2	31	25.2	25.5	21.1	23	32	16.8	90	94	75	51	70	86	77.7	.....
8..	63.16	63.75	64.90	62.21	62.46	63.63	63.35	18.5	17.7	24	29.5	24	21.2	22.5	30.8	17.5	91	97	75	55	77	89	80.7	.....
9..	62.80	63.38	64.20	61.02	61.36	62.29	62.51	20.5	20	24	29.6	27	24.2	24.2	32	19.6	96	95	81	57	71	83	80.5	.....
10..	62.25	63.03	63.41	60.48	61.82	61.82	62.14	23.2	22.6	27.1	29.6	25.3	22.8	25.1	31.4	21.2	91	97	72	64	83	91	83	.....
11..	61.22	61.52	62.65	59.38	59.83	61.19	60.96	20.5	19	23.6	31.6	27.2	22.2	24	32.6	19	92	96	82	54	74	90	81.3	.....
12..	60.07	60.94	62.23	59.71	60.54	61.86	60.89	20	19	24	32.1	26.4	22	23.9	32.7	18	93	98	78	52	75	91	81.2	.....
13..	61.32	62.04	63.10	60.13	60.54	61.44	61.43	19.7	20	22.5	31.3	25.2	22.4	23.5	31.7	19	93	98	90	53	73	85	82	.....
14..	61.08	61.52	62.65	59.90	59.89	61.38	61.07	21	19.6	25.8	29.5	27.6	24.2	24.6	31.6	19.5	87	94	75	68	77	91	82	.....
15..	61.19	62.11	63.28	61.46	61.77	62.68	62.08	21.9	21.3	25	26.8	24.2	23.7	23.8	28	21.2	94	97	83	79	94	95	90.3	.....
16..	62	62.22	62.76	60.81	61.20	62.72	61.95	23	22.4	27	32.5	27.5	23.5	26	33	22	97	98	78	48	68	89	79.7	.....
17..	62.40	62.79	63.63	60.45	60.75	62.50	62.09	22.7	22.4	27.1	32.4	27.4	22.6	25.8	33.2	21.5	91	94	73	45	68	88	76.5	.....
18..	62.26	63.45	64.10	61.31	61.55	62.70	62.56	19.8	19.3	24.2	30.5	26.3	22.6	23.8	31	19	97	100	78	51	63	81	78.3	.....
19..	62.49	63.49	64.73	62.08	62.51	63.50	63.13	20	19	23.9	30.5	26.4	23	23.8	31.7	18.7	92	95	76	57	73	95	81.3	.....
20..	63.29	63.68	64.37	61.81	62.64	63.84	63.27	22.8	20	25	29	25.6	22.8	24.2	30	19.5	94	96	77	60	74	91	82	.....
21..	62.94	63.31	63.45	60.98	60.74	61.90	62.22	21	19.7	26	30	25.6	21.9	24	31	19.5	95	98	73	59	68	80	78.8	.....
22..	61.60	61.90	63.13	59.64	59.83	60.83	61.16	19.8	17.8	23.8	30.4	25	21.4	23	31.2	17.4	82	96	79	53	72	91	78.8	.....
23..	60.17	60.77	62.20	59.98	60.44	61.81	60.90	19.7	17.5	26.4	30.1	25.2	22.5	23.6	30.6	17.4	93	96	67	52	70	87	77.5	.....
24..	60.61	61.42	62.40	59.69	60.48	61.12	60.95	20.5	18.3	24.5	30.7	25.6	23.4	23.8	31	17.5	93	93	77	55	87	89	82.3	.....
25..	60.16	59.97	60.75	58.45	58.88	60.07	59.71	22.7	23	26.8	30.4	26	24.4	25.6	31	22.4	95	97	78	60	79	88	82.8	1.8
26..	59.01	59.09	60.36	58.81	58.80	59.81	59.31	23.6	23.3	24.1	25.4	24.8	23	24	25.6	22.8	95	97	96	93	94	98	95.5	3.3
27..	59.27	59.63	61.68	58.98	59.68	61.42	60.11	22.8	23	25.2	30.5	26.6	23	25.2	32	22.3	98	97	91	66	85	95	88.7	.....
28..	61	61.38	62.84	60.81	61.59	63.04	61.78	22.3	22	27.1	28.1	23	23.2	24.4	29.7	21.7	96	96	77	71	90	90	86.7	5.6
29..	62.13	62.53	64.19	62.28	62.40	63.28	62.80	22.6	22.3	24	24.1	23	22.2	23	26.1	21.8	91	92	91	94	95	98	93.5	25.2
30..	62.15	62.73	63.80	62.07	62.19	63.68	62.77	22.2	22.4	23.9	25.6	23.6	22.3	23.3	26.6	21.6	98	97	94	83	87	97	92.7	6.9
31..	62.76	63.15	64.59	62.33	62.10	63.48	63.07	22.1	21.6	25	28.4	23.8	22.5	23.9	28.4	21.3	96	98	83	71	95	96	89.8	2
Mean	61.72	62.27	63.36	60.79	61.12	62.36	61.93	21.4	20.5	24.9	29.7	25.5	22.6	24.1	30.7	19.8	93	95.8	80.5	60.9	77.6	90	83	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.8

Day.	Wind.												Clouds.					
	2 a. m.		6 a. m.		10 a. m.		2 p. m.		6 p. m.		10 p. m.		Mean force.	6 a. m.			2 p. m.		
	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.	Direction.	Force.		Amount.	Form and direction.		Amount.	Form and direction.	
															Upper.	Lower.		Upper.	Lower.
		0–12		*0–12*		*0–12*		*0–12*		*0–12*		*0–12*	*0–12*	*0–10*			*0–10*		
1..	Calm	....	Calm	....	SW	1	NNW	1	NW	1	Calm	....	0.5	0	.....	.....	0	.....	.....
2..	SE	1	S	1	Calm	....	NW	1	Calm	....	Calm	....	.5	10	.....	Cu.-N. S	2	.....	Fr.-Cu.
3..	Calm	....	Calm	....	N	1	N	1	NW	1	Calm	....	.5	7	.....	S.-Cu. NE	4	.....	Cu. NE
4..	S	1	S	1	SW	1	SW	1	Calm	....	Calm	....	.7	0	.....	.....	8	Ci.-S.	Cu. S
5..	Calm	....	Calm	....	SW	1	Calm	....	Calm	....	Calm	....	.2	8	.....	Cu.-N. NE	8	.....	Cu.-N. NE
6..	Calm	....	Calm	....	SE	1	SW	1	SW	1	Calm	....	.5	0	.....	.....	0	.....	.....
7..	SE	1	S	1	S	1	Calm	....	Calm	....	Calm	....	.5	0	.....	.....	6	.....	Cu. NE
8..	Calm	....	Calm	....	Calm	....	NE	1	Calm	....	Calm	....	.2	0	.....	.....	0	.....	.....
9..	Calm	....	Calm	....	S	1	SW	1	Calm	....	Calm	....	.3	0	.....	.....	8	.....	Cu. NE
10..	S	1	Calm	....	S	1	S	1	Calm	....	Calm	....	.5	10	.....	Cu.-N. S	10	.....	Cu.-N. S
11..	S	1	Calm	....	S	1	NE	1	Calm	....	Calm	....	.5	0	.....	.....	0	.....	.....
12..	Calm	....	Calm	....	SW	1	Calm	....	N	1	NW	1	.5	0	.....	.....	0	.....	.....
13..	N	1	SW	1	S	1	NW	1	Calm	....	Calm	....	.7	10	.....	N.	5	.....	Cu. S
14..	Calm	....	Calm	....	W	1	N	1	NW	1	Calm	....	.5	0	.....	.....	7	.....	Cu.-N.
15..	Calm	....	Calm	....	Calm	....	S	1	Calm	....	Calm	....	.2	3	.....	S.-Cu.	10	.....	N.
16..	SE	1	SE	1	S	1	SE	1	Calm	....	Calm	....	.7	10	.....	N.	5	.....	Fr.-Cu. S
17..	Calm	....	Calm	....	SW	1	S	1	Calm	....	W	1	.5	8	.....	Cu.-N.	6	.....	Fr.-Cu. E
18..	SE	1	Calm	....	SSW	1	SE	1	SW	1	Calm	....	.7	0	.....	.....	8	Ci.	Fr.-Cu.
19..	S	1	Calm	....	SW	1	S	1	Calm	....	N	1	.7	10	.....	S.-Cu. E	7	.....	Cu. NE
20..	NE	1	Calm	....	N	1	W	1	NW	1	Calm	....	.7	0	.....	.....	10	.....	Cu.-N.
21..	Calm	....	Calm	....	NE	1	NW	1	W	1	Calm	....	.3	0	.....	.....	7	Ci.	Fr.-Cu. N
22..	Calm	....	Calm	....	SW	1	W	1	Calm	....	Calm	....	.3	8	Ci.-S.	S.-Cu. S	8	Ci.	Fr.-Cu.
23..	Calm	....	Calm	....	N	1	NW	1	NW	1	NW	1	.7	0	.....	.....	4	Ci.	Fr.-Cu. N
24..	N	1	Calm	....	NW	1	NW	2	NW	1	NW	1	1	0	.....	.....	5	Ci.	Fr.-Cu. N
25..	NW	1	NNW	1	NE	2	NW	2	NW	2	NW	1	1.5	10	.....	Cu.-N. NE	8	Ci.	Fr.-Cu. N
26..	Calm	....	Calm	....	Calm	....	NW	1	NW	1	Calm	....	.3	10	.....	Cu.-N. N	10	.....	Cu.-N. N
27..	Calm	....	Calm	....	SW	1	S	1	Calm	....	Calm	....	.3	10	.....	N.	7	Ci.	Cu. S
28..	NW	1	NW	1	NW	2	NW	2	NW	1	NW	1	1.3	6	Ci.	Cu. N	10	.....	Cu.-N. N
29..	NW	2	NW	2	NE	1	NW	2	N	3	NW	2	2	10	.....	N.	10	.....	N.
30..	NW	2	N	2	NW	2	NW	3	NW	1	NW	2	2	10	.....	Cu.-N. N	8	.....	Cu.-N. N
31..	NW	1	NW	1	NE	1	NW	1	Calm	....	Calm	....	.7	10	.....	S.-Cu. N	9	.....	Cu.-N. NE
Mean	.....	0.6	.....	0.4	.....	1	.....	1.1	.....	0.5	.....	0.4	0.7	4.8	.....	.....	6.1	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.04	60.22	60.86	58.63	59.28	60.65	59.95	19	19.1	27.9	32.2	25.5	22.8	24.4	32.6	18.6	98	99	52	46	75	79	74.8	.....
2..	60.98	61.42	62.77	60.91	61.13	61.87	61.51	21.9	20.8	23.1	26.9	22.2	21	22.6	29.8	20.7	80	85	71	56	76	83	75.2	.....
3..	60.82	61.14	61.85	59.35	59.58	61.10	60.64	21	19	27	30.5	24.1	22.7	24	31.8	18.5	83	81	46	36	56	60	60.3	.....
4..	60.43	60.77	61.75	59.02	60.23	61.65	60.64	20.4	19.1	29.5	33	25.8	22.2	25	34.4	18.8	75	82	48	38	56	71	61.7	.....
5..	61.18	60.99	61.89	59.58	59.91	61.22	60.80	20	18.7	29.5	30.5	24.1	21.4	24	33	18.5	79	86	45	43	55	66	62.3	.....
6..	60.48	61.04	62.50	59.95	60.92	61.91	61.13	18.3	18.4	28.5	30.6	24.3	21.8	23.6	32.7	17.7	82	84	48	42	54	68	63	.....
7..	61.03	61.60	62.75	60.89	62.50	64.13	62.15	18.7	20.9	27.1	27.6	21.3	21.2	22.8	29.9	18.5	82	72	50	45	59	58	61	.....
8..	63.06	63.52	65.04	62.91	63.70	64.97	63.87	20.7	19.8	24.4	25.6	19.8	19.3	21.6	27.4	18.7	57	60	46	41	60	57	53.5	.....
9..	63.38	63.39	64.04	61.64	61.91	63.67	63	18.5	18.1	25.6	27.2	20.9	16	21	29.3	14.4	61	63	43	35	54	79	55.8	.....
10..	62.53	61.89	62.67	60.50	61.14	62.26	61.83	13.7	14	26.9	28.7	23.2	17.4	20.6	30.5	13	74	83	46	38	56	79	62.7	.....
11..	61.55	61.54	62.47	60.52	60.51	62.06	61.44	15	14.5	28.1	31	24.7	21.5	22.5	32.3	13.6	86	88	45	42	67	74	67	.....
12..	61.37	60.86	61.63	58.87	59.71	61.14	60.60	18.9	18.7	29.8	33.5	26.4	23.3	25.1	34.5	17.9	86	87	49	46	59	72	66.5	.....
13..	60.43	60.52	62.20	60.17	61.12	63.03	61.24	21.9	22.3	26.8	28.7	22.7	21.4	24	29.7	20.5	76	75	62	54	72	74	68.8	.....
14..	62.70	62.76	63.26	60.12	60.59	62.52	61.99	20.4	19.7	26.5	29.4	22.7	19.3	23	30.5	18.5	74	78	52	44	59	72	63.2	.....
15..	61.63	61.64	62.74	60.02	60.68	62.28	61.50	16.7	14.9	27.6	31.6	24.5	19.6	22.5	33.5	14.6	84	93	46	38	60	70	65.2	.....
16..	61.65	61.99	62.76	59.59	59.59	59.82	61.38	61.20	15.8	14.3	27.3	31.5	24.6	18.1	21.9	32	13.8	85	89	46	38	52	77	64.5	.....
17..	60.82	61.13	61.90	59	59.33	60.65	60.47	17.3	15.3	25.7	32.2	24	20.5	22.5	33.1	14.9	81	85	50	34	61	67	63	.....
18..	59.65	60.18	61.71	58.86	58.86	60.08	59.89	16.2	15.5	27.1	30.8	25	20.5	22.5	31.7	14.3	83	86	50	42	61	76	66.3	.....
19..	59.67	60.18	60.96	58.33	59.72	61.53	60.06	17.9	18.7	28.9	32	23.7	21.9	23.8	33.3	17.2	86	85	48	47	68	77	68.5	.....
20..	61.23	62.16	63.02	60.17	61.15	62.97	61.78	20.9	20	26.7	28.8	22.2	20.2	23.1	30.6	19.5	76	77	49	42	58	66	61.3	.....
21..	61.52	61.87	62.57	59.64	60.57	61.76	61.32	19	18.9	26.3	29.6	22.3	17.9	22.3	29.8	15.8	63	65	45	36	54	74	56.2	.....
22..	60.76	61.54	63.01	60.23	61.12	63.05	61.62	14.5	13.5	26.9	32	22.5	20.1	21.6	32.9	13.1	91	93	48	35	58	62	64.5	.....
23..	62.11	62	62	59.06	59.93	61.56	61.11	16.2	13.8	27.4	28.7	23.4	18.3	21.3	30.4	13.3	81	88	44	43	56	81	65.5	.....
24..	60.64	60.75	61.50	58.44	59.22	60.66	60.20	16.4	14.4	26.7	30.6	23.6	21.5	22.2	31.4	14.1	87	93	45	41	59	66	65.2	.....
25..	60.16	60.69	61.43	58.83	59.63	60.97	60.28	19.8	20	27.3	29.6	23.4	19.8	23.3	30.9	19.6	67	67	42	38	53	71	56.3	.....
26..	60.61	60.78	61.80	59.45	60.37	61.56	60.76	17.1	18.3	28.5	30.6	23.3	21.2	23.2	31	16.6	91	79	42	39	54	65	61.7	.....
27..	60.96	61.07	61.80	58.63	59.48	60.98	60.49	16.6	15.5	26.9	30.2	23.3	20	22.1	31.9	15	94	97	50	38	53	71	67.2	.....
28..	60.69	60.76	61.26	57.88	58.01	59.93	59.76	18.7	18	27	31.5	24.8	20.6	23.4	32.4	17.5	78	80	48	38	58	80	63.7	.....
29..	59.06	59.14	59.98	57.20	58.17	59.97	58.92	16.5	15.2	28	32.6	25.5	22.5	23.4	34	15	93	93	34	31	61	64	62.7	.....
30..	59.59	59.16	59.99	57.32	58.70	60.11	59.14	20.3	19.1	29.1	31.5	25.1	23.2	24.7	33.5	19	77	84	43	33	56	67	60	.....
31..	59.97	60.36	61.61	59.72	60.45	61.04	60.52	22.2	21	22	24	20.7	20	21.6	24.9	19.9	71	78	77	60	77	81	74	3.5
Mean	60.99	61.20	62.12	59.53	60.24	61.70	60.96	18.4	17.7	27.1	30.1	23.5	20.6	22.9	31.5	16.8	80	82.4	48.7	41.3	59.9	71.2	63.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.5

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NNE	Calm	Calm	N	NNE	Calm	9.5	15.5	51.2	29.3	105.5	5	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
2..	NNE	N	N	NNE	N	N	40.5	75.6	92.3	59.2	267.6	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
3..	N	NbyW	NE	E	NE	E	22.7	43.1	86.1	26.2	178.1	4	A.-Cu.	S.-Cu.	1	Ci.	Cu.
4..	Calm	Calm	NW	EbyS	NE	NE	8.7	24.6	53.9	26	113.2	6	.....	S.-Cu. SSW	3	Ci.-S.	Cu.
5..	Calm	Calm	NE	NE	NbyE	N	7	43.3	80.2	33.5	164	4	Ci.	S.-Cu. SSW	5	Ci.-S.	Cu.
6..	Calm	Calm	NNE	N	NbyE	N	7.5	29.6	62.2	25.1	124.4	2	.....	S.-Cu.	4	Ci. SSW	Cu.
7..	N	NNE	N	NE	N	NE	38.8	101.4	136.8	96.3	373.3	7	Ci.	S.-Cu. NE	0	Ci.	Cu.
8..	NE	NNE	NNE	NNE	NE	NE	75.1	103.8	118 6	67.4	364.9	7	A.-Cu NE,SE	Cu. NNE	1	Ci.	Cu.
9..	NE	NE	ENE	EbyN	NE	NE	50.9	80.2	81.5	19.9	232.5	1	Ci.	Cu.	0	Ci.	Cu.
10..	Calm	NE	NNW	SE	NE	ENE	8.3	41.5	100.6	17.2	167.6	2	Ci.	Cu.	5	Ci. SWbyS	Cu.
11..	NE	Calm	NE	WNW	Calm	Calm	7.8	13.9	38.6	12.1	72.4	3	Ci.	S.-Cu.	1	Ci.	Cu.
12..	Calm	Calm	ENE	WbyN	NE	NE	2.9	19.3	48.3	20.7	91.2	2	A.-Cu.	S.-Cu.	5	A.-Cu.	N.-cf. S
13..	Calm	N	N	N	NNE	NW	21.2	91.9	125	83.1	321.2	10	.....	S.-Cu.	1	Ci.	Cu.
14..	NbyW	NNW	N	N	NbyE	Calm	80.8	97.1	100.3	28.8	307	1	Ci.	S.-Cu.	0	Ci.	Cu.
15..	NNW	Calm	ESE	NNW	Calm	EbyS	7	23.6	48.9	22.7	102.2	1	Ci.	S.-Cu.	3	Ci. S	Cu.
16..	Calm	Calm	NE	NW	NE	Calm	4.8	15.3	51	12.9	84	1	Ci.	Cu.	2	Ci. SSW	Cu.
17..	Calm	Calm	NNE	ESE	NNE	N	8.7	17.1	46.1	35.4	107.3	8	A.-Cu.	S.-Cu.	4	Ci.-Cu. W	Cu.
18..	Calm	Calm	NW	NW	NNE	Calm	4.3	16.9	51.5	15.5	88.2	8	A.-Cu.	S.-Cu.	1	.....	Cu.
19..	Calm	Calm	EbyN	NW	NEbyN	N	9.4	20.6	81.8	60.2	172	9	A.-Cu. NW	S.-Cu. W	1	.....	Cu. WNW
20..	NE	N	N	N	NE	NE	52.8	89.1	114	84	339.9	4	A.-Cu.	S.-Cu.	0	.....	Cu.
21..	NE	N	NE	NNE	NNE	Calm	66.6	74.3	87.2	20.9	249	4	A.-Cu.	S.-Cu.	0	.....	Cu.
22..	Calm	Calm	SE	NNW	NNE	NE	1.8	13.7	66.5	59.7	141.7	1	.....	S.-Cu.	5	Ci.	Cu.
23..	Calm	Calm	N	NE	NE	Calm	16.3	44.6	75.3	15.9	152.1	4	Ci.	Cu.	3	Ci.	Cu.
24..	Calm	Calm	Calm	NNE	NNE	NE	4	16.9	88.5	58.9	168.3	1	.....	S.-Cu.	3	Ci.-S.	Cu.
25..	NE	NE	NE	E	NE	NE	42.6	71.1	90.4	44.6	248.7	3	Ci.	S.-Cu.	3	Ci.	Cu.
26..	NE	NNE	NE	E	NE	NE	23.3	76.6	90.7	40.8	231.4	0	Ci.	Cu.	5	Ci.-Cu.	Cu.
27..	Calm	Calm	NE	NE	NNE	NE	12.1	23.6	78.3	32.4	146.4	0	Ci.-S.	S.-Cu.	0	Ci. S.	Cu.
28..	NE	NNE	N	N	NE	Calm	25.4	29.8	84	28	167.2	0	Ci.-S.	S.-Cu.	1	Ci.	Cu.
29..	Calm	Calm	Calm	Calm	NE	NE	5.6	15.9	47.8	18	87.3	4	Ci.-S.	S.-Cu.	5	A.-Cu.	Cu.-N.
30..	Calm	Calm	NE	NE	NE	NE	9.5	25.5	81.9	56.8	173.7	7	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
31..	NE	Calm	NNE	NE	NNE	NE	24.4	48.1	61.2	19.6	153.3	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Fr.-N.
Mean	.....	.....	.....	.....	.....	.....	22.6	45.3	78.1	37.8	183.7	4.1	.....	.....	2.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,695.6	.....	.....	.....	.....	.....	.....

NOTE.—The thermometric readings at 10 a. m. and 2 p. m., and the maximum temperatures are not reliable; they seem to be too high, owing possibly to a defect in the thermometer-shelter.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.41	60.82	62.10	59.70	60.33	61.04	60.73	19.5	19.7	24	28.1	25.4	23.1	23.3	28.9	19.4	86	86	60	40	53	66	65.2	.....
2..	59.90	60.40	61.64	59.22	59.29	60.51	60.16	19.4	19.7	27.2	31.2	26.7	22	24.4	33.7	19.1	88	84	47	35	54	74	63.7	.....
3..	60.03	60.36	60.91	58.19	58.22	59.01	59.45	21.6	19.6	29.2	32.5	26.7	24.8	25.7	33.9	19	75	89	36	32	55	64	58.5	.....
4..	58.32	58.85	59.61	57.36	57.96	58.98	58.51	21.9	20.8	31.1	33.4	26.6	23.8	26.3	34.6	20.5	75	82	56	48	67	81	68.2	.....
5..	57.93	58.70	59.71	57.26	57.97	59.04	58.44	21.4	21.7	27.5	30.1	24.4	21.5	24.4	30.9	21.2	96	94	61	52	78	92	78.8	4.1
6..	58.94	59.24	60	57.77	58.58	59.78	59.05	20.4	19.3	27.6	28	23.7	18.7	23	29.8	17.3	96	97	58	58	77	93	79.8	.....
7..	59	59.27	60.13	57.84	58.51	59.99	59.12	20.5	17.8	27.5	31	24.5	19.7	23.5	31	17	90	92	52	39	67	93	72.2	.....
8..	59.37	59.79	61.01	59.01	59.50	61.02	59.95	16.2	14.1	28.7	30.1	24.8	20	22.3	32.4	14.1	96	99	43	43	57	78	69.3	.....
9..	61.04	61.49	62.69	60.31	61.13	62.01	61.44	15.6	13	29	31.7	25.5	21.1	22.7	32.8	12.8	96	100	39	33	55	77	66.7	.....
10..	61.68	61.64	61.90	59.90	60.73	61.72	61.26	17.8	18.6	24.8	29	26.5	19.6	22.7	29.5	16	92	90	58	39	48	90	69.5	.....
11..	61.41	61.53	62.26	59.67	60.30	61.10	61.04	16.5	14.5	29.4	33.5	26.8	25.2	24.3	35	14.3	91	94	44	32	53	54	61.3	.....
12..	60.74	61.10	61.23	59.07	59.97	60.10	60.37	22.4	22.3	30.5	32.5	27.3	25.1	26.7	34.2	20.9	71	70	40	33	43	58	52.5	.....
13..	59.71	59.88	60.23	58.31	59.38	59.61	59.52	21.3	21.9	32.9	34.4	26.3	23	26.6	35.8	21.3	78	66	38	34	63	76	59.2	.8
14..	59.11	59.42	59.57	57.51	58.31	59.19	59.85	22.3	21.1	27.5	32.8	27.5	25.4	26.1	33.9	21	78	86	56	37	61	68	64.3	.....
15..	58.97	59.69	60.90	58.44	59.21	60.89	59.68	24.2	21.8	24.2	29.9	24.4	22.1	24.4	30.1	21.6	75	91	77	47	71	83	74	2.3
16..	60.93	61.45	62.55	60.19	61	62.06	61.36	21.8	22	27.4	30.2	24.5	23.1	24.8	31	21.6	84	82	52	41	64	72	65.8	.3
17..	62.01	62.25	63.59	61.39	62.22	64.03	62 58	22	21.4	24.1	27	22.4	20.1	22.8	27.2	19.8	79	80	67	53	74	88	73.5	.5
18..	63.71	62.29	64.09	61.63	62.23	64.05	63.17	19	19.1	26.4	27.8	21	18.5	22	28.6	18.4	96	93	50	43	75	89	74.3	.....
19..	63.62	63.04	63.45	60.75	61.77	63.11	62.62	18.4	17.9	26.1	30	22.4	20.2	22.5	30	17.5	90	91	56	40	74	80	71.8	1.3
20..	63.08	63.12	63.46	60.84	60.79	62.17	62.24	18.9	16.6	24.2	29.8	25.4	20.9	22.6	30	16.5	89	98	62	42	64	77	72	.....
21..	61.58	62.27	63.51	60.49	60.39	62.15	61.73	19.3	19	27.9	31.4	27.3	20.1	24.2	32.6	18.1	89	94	39	38	50	80	65	.....
22..	62.08	63.40	63.83	60.53	61.25	62.40	62.25	16.4	15.2	28.7	31.2	25.1	21.3	23	33.4	15.2	96	100	42	34	55	74	66.8	.....
23..	62.02	62.70	63.40	60.62	60.83	62.95	62.09	16.1	13	27.4	33.3	27.3	20.1	22.9	33.7	12.7	99	100	43	30	45	84	66.8	.....
24..	62.58	63.64	64.26	60.92	61.28	63.15	62.64	15	12.5	29	33.8	28	22	21.7	23.4	34.5	12.5	98	100	38	29	45	81	65.2	.....
25..	62.95	63.18	63.60	60.92	61.10	62	62.29	17.4	14.9	30.2	32.8	27.7	21.2	24	33.7	14.8	94	99	38	29	48	82	65	.....
26..	61.93	62.11	62.37	60.28	60.24	61.69	61.44	19.3	17.9	31	33.3	29	24	25.8	34.4	17.4	91	93	36	36	46	70	62	.....
27..	61.30	61.58	62.82	61.09	60.78	61.96	61.59	20.1	18.6	31.7	31.4	28.9	24.3	25.8	33.9	18.5	91	94	44	49	57	78	68.8	.....
28..	61.56	61.77	62.30	59.31	59.56	61.54	61.01	21.2	19.6	30.1	34.5	30	23.6	26.5	35.1	19.3	85	92	46	38	49	70	63.3	.....
Mean	60.93	61.28	62.04	59.59	60.10	61.33	60.88	19.5	18.3	28	31.2	25.9	21.9	24.2	32.3	17.8	88	90.6	49.2	39.4	58.9	77.6	67.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NE	E	E	Calm	8.7	27.1	68.6	15.3	119.7	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Fr.-N.
2..	Calm	E	Calm	WNW	WNW	Calm	11.6	23	51.8	14.2	100.6	9	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
3..	Calm	E	Calm	WNW	Calm	Calm	17.1	26.4	50.4	6.7	100.6	0	Ci.-S.	S.-Cu.	2	Ci -S.	Cu.
4..	E	Calm	WNW	WNW	Calm	Calm	18.8	33.6	71.6	3.5	127.5	0	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
5..	Calm	Calm	N	N	Calm	NE	11.6	32.2	62.2	32.8	138.8	0	Ci.-S.	S.-Cu.	0	A.-Cu.	Cu.
6..	Calm	NE	NE	NW	NNW	NNE	17.7	34.6	73.2	19.1	144.6	0	.....	Cu.	0	Ci.-S.	Cu.
7..	NE	NNE	NE	NNE	NE	NE	47.2	69.7	85.3	27.9	230.1	0	.....	Cu.	0	.....	Cu.
8..	NNE	Calm	E	NNE	NNE	NNE	8.3	32.2	73.8	42	156.3	0	.....	Cu.	5	Ci.-S.	Cu.-N.
9..	Calm	Calm	ENE	E	NE	NNE	14.2	46.9	84.5	32.8	178.4	0	Ci.	S.-Cu.	2	Ci.	Cu.
10..	Calm	E	ENE	E	E	Calm	22.8	19.3	85.5	13.1	140.7	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
11..	Calm	Calm	NW	ESE	ENE	NE	11.9	16.7	72.4	29.5	130.5	0	Ci.-S.	S.-Cu.	3	A.-Cu.	Cu.
12..	Calm	Calm	NE	ESE	ENE	Calm	11.8	48.9	98.4	18.5	177.6	9	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.
13..	Calm	Calm	ESE	W	Calm	Calm	3	23.3	58.4	11.5	96.2	5	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
14..	Calm	SbyW	Calm	WSW	SW	SW	5.8	22.5	62.6	17.7	108.6	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
15..	W	Calm	NE	N	NNE	NNE	4.3	37.6	88.8	70.5	201.2	10	Ci.-S.	S.-Cu.	2	Ci.-S .	Cu.
16..	N	NNE	NNE	NE	NNE	NNE	54.5	85.5	102.8	61	303.8	9	.....	S.-Cu.	4	A.-Cu.	Cu.
17..	N	NNE	NE	NE	NNE	NNE	53.4	54.9	67.3	54.2	229.8	9	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
18..	NNE	NNE	N	NNE	NNE	NNE	45.7	101.4	133.6	74.8	355.5	8	.....	S.-Cu.	0	.....	Cu.
19..	NE	NE	NNE	NE	NE	NE	58.7	70.8	77.9	38	245.4	1	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
20..	NE	NE	Calm	NNW	NNW	NE	19.3	26.6	41.2	17.1	104.2	10	Ci.-S.	Cu.-N.	7	A.-Cu.	Cu.
21..	Calm	Calm	E	WNW	Calm	Calm	12.3	22.5	54.7	12.7	102.2	6	.....	S.-Cu.	4	Ci -S.	Cu.-N.
22..	Calm	Calm	NNE	NNE	NNE	NE	5.8	35.7	91.9	45.1	178.5	3	.....	S.-Cu.	0	Ci.-S.	Cu.
23..	Calm	Calm	E	NW	ESE	NE	3.2	38.4	56.1	30.9	128.6	0	.....	Cu.	0	Ci.-S.	Cu.
24..	Calm	Calm	E	E	E	E	6.2	41.8	77.2	27.4	152.6	0	.....	Cu.	0	.....	Cu.
25..	Calm	Calm	E	NNW	Calm	Calm	9.4	30.9	64.9	9.2	114.4	0	.....	Cu.	0	Ci.-S.	Cu.
26..	E	Calm	ESE	NW	NW	Calm	16.9	28.2	71.4	17.1	133.6	0	.....	Cu.	0	.....	Cu.
27..	Calm	E	W	W	SW	Calm	9.7	33.8	61.4	11.1	116	0	.....	Cu.	7	Ci.-S.	Cu.-N.wsw
28..	Calm	Calm	W	W	NNE	E	10	31.9	49.9	24.7	116.5	0	.....	S.-Cu.	0	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	18.6	39.2	72.8	27.8	158.3	3.6	.....	.....	2.9	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,432.5	....	.....	.....	.....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	61.25	61.81	62.09	59.51	60.13	61.49	61.05	20.1	17.4	31.3	34.3	27.5	23.4	25.7	35	17.4	90	98	43	36	57	70	65.7	.....
2..	61.32	61.98	62.63	60.42	61.12	63.25	61.79	21.1	19.2	31.1	33.3	28.2	21.9	25.8	34.5	19.1	84	96	45	37	51	78	65.2	.....
3..	63.59	64.23	64.30	61.47	61.79	63.89	63.21	18.5	17.2	30.3	34.5	29.6	23	25.5	35.1	16.8	91	98	40	35	44	74	63.7	.....
4..	63.20	62.97	63.70	61.43	61.53	62.35	62.53	19.2	17.3	31.5	31.1	27.1	23.1	24.9	33.8	17	92	97	39	43	55	80	67.7	.....
5..	61.97	62.36	63.13	60.16	60.63	62.06	61.72	19.5	18.1	30	35	29.2	23.2	25.8	36.4	18	84	93	46	37	52	76	64.7	.....
6..	61.96	62.01	62.64	59.78	59.88	61.54	61.30	20.2	17.5	30.9	34.8	29.7	22.2	25.9	35.8	17.3	89	95	44	36	49	88	66.8	.....
7..	61.81	62.16	62.05	59.21	59.09	61.08	60.90	17.6	16.2	30.2	35.4	29.7	22.6	25.3	36.8	15.7	94	96	48	38	49	82	67.8	.....
8..	60.94	61.14	61.57	58.74	58.65	60.02	60.18	17.9	16.9	30.9	32.8	29.3	22.3	25	34.4	16	91	97	39	38	50	80	65.8	.....
9..	59.79	59.79	60.50	58.13	57.94	59.08	59.20	19.8	18.1	31.3	32.5	29.8	24.4	26	33.8	18.1	83	93	42	44	52	75	64.8	.....
10..	58.91	59.07	59.79	58.05	58.18	60	59	22.1	20.9	31.1	32	28.4	24.3	26.5	33.7	20.4	88	94	47	47	51	74	66.8	.....
11..	59.79	59.84	60.19	58.18	59.25	60.11	59.56	21.4	20.1	32.6	34.5	26	24	26.4	35.6	20	82	91	44	37	65	75	65.7	.....
12..	59.92	60.04	60.39	57.85	58.29	59.95	59.41	23.1	20.1	32.3	34.8	28.6	25.3	27.4	35.3	20.1	80	91	41	36	55	69	62	.....
13..	59.02	59.01	59.63	57.55	58.05	59.89	58.86	22.5	23.2	32.5	34.3	29.2	25.6	27.9	36.6	22.5	87	83	39	39	51	71	61.7	.....
14..	59.25	59.87	59.99	58.02	58.28	60.20	59.27	24	22.9	32	32.9	28.2	21.9	27	34.3	21.2	81	85	43	44	57	83	65.5	.....
15..	59.15	59.81	60.47	58.93	59.72	61.01	59.85	20.6	20.4	29.9	29.5	23.2	21.6	24.2	31.8	20.1	92	91	43	43	73	82	70.7	.....
16..	60.83	60.94	61.40	59.32	60.07	61.07	60.60	19.8	16.5	29.7	31.5	24.7	21.5	24	32.9	16.5	87	97	37	41	70	88	70	.....
17..	60.72	61.08	61.75	60.24	60.85	61.84	61.08	17.3	15.9	29.1	32.7	27.3	24.2	24.4	32.9	15.8	95	99	51	39	62	77	70.5	.....
18..	61.47	61.96	62.99	60.83	61.20	62.02	61.74	21.3	20.2	31.6	33	27	22.7	26	33.9	20	84	91	51	46	72	80	70.7	.....
19..	61.63	61.98	62.50	60.62	60.34	61.87	61.49	20.1	18.6	30.9	33.8	27.1	22.4	25.5	34.2	18.5	86	94	53	41	70	89	72.2	.....
20..	61.41	61.02	60.80	59.34	59.89	61.09	60.59	18.3	17.4	30	31.1	26.1	24.2	24.5	33.3	17.1	95	98	49	45	68	77	72	.....
21..	60.22	60.23	60.10	58.52	58.47	59.97	59.58	20.4	19	29.9	31.6	25.8	22.3	24.8	32.3	19	81	92	51	44	69	80	69.5	.....
22..	59.72	59.99	60.48	57.88	57.56	59.01	59.11	20.6	18.6	30.1	35.1	32.2	25.2	27	35.9	18	82	94	48	38	44	70	62.7	.....
23..	58.80	59.06	59.60	57.07	57.19	58.30	58.34	20.9	18.6	31	32.5	28.4	24.1	25.9	33.5	18.5	77	92	46	42	60	74	65.2	.....
24..	58.03	58.19	58.76	56.66	56.34	58.10	57.68	22.6	22.5	30.7	33.4	28.3	25	27.1	34.1	21.8	79	80	41	37	49	67	58.8	.....
25..	58.04	58.12	59.19	57.53	57.22	58.82	58.15	22.6	20.9	32.6	33.6	29.1	24.7	27.2	34.7	20.5	78	86	47	46	58	81	66	.....
26..	58.74	59.89	60.84	58.23	58.32	59.61	59.27	21.5	21.1	31	33.7	30.2	26.1	27.3	34.5	21	90	94	55	44	58	74	69.2	.....
27..	59.63	60.22	60.86	58.30	58.43	60	59.57	22.2	20.2	34	36	30	26.4	28.1	37	20.1	81	92	43	41	49	65	61.8	.....
28..	59.47	59.45	60.08	58.28	57.82	59.98	59.18	22.9	20.5	33.6	34.6	28.6	26.8	27.8	35.3	20.5	77	90	40	42	57	67	62.2	.....
29..	59.75	59.80	60.11	58.37	58.34	59.90	59.38	25.3	24.2	33.5	34.9	29.2	26	28.8	36.1	24.2	74	82	40	36	57	72	60.2	.....
30..	59.78	59.57	59.63	57.34	56.86	59.73	58.82	24.4	23	34.1	38.1	32.6	26.8	29.8	39.5	23	82	95	40	36	44	54	58.5	.....
31..	59.35	59.99	60.27	58.22	58.98	60.24	59.51	24.3	22.3	33	34.5	31.3	26.5	28.6	35.3	22.3	67	80	38	39	48	64	56	.....
Mean	60.31	60.57	61.05	58.84	59.05	60.56	60.06	21	19.5	31.4	33.6	28.4	24	26.3	34.8	19.2	84.6	92.1	44.3	40.2	56.3	75.4	65.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	N	NW	NE	Calm	7.4	35.4	81.9	35.9	160.6	0	.....	Cu.	0	.....	Cu.
2..	Calm	NE	NE	E	NE	Calm	12.4	79.1	145.8	17.4	254.7	0	.....	Cu.	0	Ci.	Cu.
3..	NE	Calm	E	ESE	Calm	Calm	14.2	62.5	71.6	23.3	171.6	0	.....	S.-Cu.	0	.....	Cu.
4..	E	E	NNW	W	W	NE	12.9	43.5	63.1	16.1	135.6	0	.....	Cu.	0	.....	Cu.
5..	Calm	Calm	SW	W	SW	Calm	9.7	29.2	50.9	31.1	120.9	0	.....	Cu.	0	.....	Cu.
6..	E	Calm	NNE	NW	SW	Calm	13.7	32.7	60	19.6	126	0	.....	Cu.	0	.....	Cu.
7..	E	E	NW	N	E	Calm	11.9	29.3	61	21.5	123.7	0	.....	S. Cu.	0	.....	Cu.
8..	Calm	Calm	Calm	NW	W	Calm	19.1	31.7	62.5	10	123.3	0	.....	Cu.	0	.....	Cu.
9..	Calm	E	WNW	W	Calm	Calm	14.5	39.4	58.7	4.8	117.4	0	.....	Cu.	3	.....	Cu. NW
10..	Calm	Calm	NW	NNW	SW	Calm	8	37	72.4	15.6	133	0	.....	Cu.	2	.....	Cu.-N.
11..	Calm	Calm	ESE	NE	NNE	NE	8.7	38.4	119.1	56.5	222.7	0	.....	Cu.	2	A.-Cu.	Cu.
12..	NE	Calm	NNE	NNE	NNE	NE	35.7	55.8	93.1	38.1	222.7	0	.....	Cu.	0	.....	Cu.
13..	Calm	NE	ESE	NW	E	E	18.2	50.1	61.2	28.4	157.9	2	.....	S.-Cu.	3	Ci.-S.	Cu.-N.
14..	Calm	E	NNW	NW	NW	NNE	7	35.4	71.1	79.9	193.4	5	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
15..	NNE	NNE	NNW	NNW	NNW	NNE	37.2	74.2	122.3	78.4	312.1	0	.....	Cu.	0	.....	Cu.
16..	Calm	Calm	NNE	NNW	N	NNE	8	32.7	76.4	41	158.1	0	.....	Cu.	0	.....	Cu.
17..	Calm	Calm	NNW	WNW	NNW	Calm	3.2	35.4	53.1	14.5	106.2	0	.....	S.-Cu.	0	.....	Cu.
18..	NE	E	NW	NW	NNW	Calm	22.2	38.9	65.8	14	140.9	0	.....	S.-Cu.	1	.....	Cu.
19..	Calm	Calm	NW	NW	NNW	Calm	17.4	36.4	66.6	13.9	134.3	0	.....	Cu.	0	.....	Cu.
20..	Calm	E	W	NW	NNW	Calm	11	29.3	73.8	23	137.1	0	.....	Cu.	0	.....	Cu.
21..	Calm	E	W	NNW	N	NNE	11.9	36	83.5	32	163.4	0	.....	S.-Cu.	0	.....	Cu.
22..	Calm	Calm	NNW	NW	NW	NE	8.9	23.6	59.5	19	111	0	.....	S.-Cu.	0	.....	Cu.
23..	Calm	Calm	S	SW	W	Calm	9.2	42.6	91.7	6.4	149.9	0	.....	Cu.	0	.....	Cu.
24..	E	Calm	SW	SW	SW	SW	18.2	47.8	116.2	50.1	232.3	0	.....	Cu.	0	.....	Cu.
25..	ESE	SE	SW	SW	SW	SW	27.9	52.1	113.5	28.2	221.7	0	.....	S.-Cu.	0	Ci.-S.	Cu.
26..	Calm	SSW	NNW	NNW	NNW	NNE	11.5	48.1	80.7	22.3	162.6	0	.....	S.-Cu.	0	.....	Cu.
27..	Calm	Calm	NNE	NNW	ESE	NE	9.1	31.2	72.1	26.2	138.6	0	.....	Cu.	0	.....	Cu.
28..	Calm	Calm	Calm	NW	SW	Calm	5.6	36	75	18.3	134.9	0	.....	Cu.	0	.....	Cu.
29..	Calm	ESE	WSW	WNW	NW	NW	17.7	44.3	73.2	15.8	151	2	.....	S.-Cu.	3	Ci.-S.	Cu.
30..	NE	Calm	NNW	NW	E	NNE	16.9	33.3	83.7	33.8	167.7	2	.....	S.-Cu.	0	.....	Cu.
31..	Calm	Calm	NW	NW	NW	Calm	9.4	34.1	81	20.4	144.9	3	Ci.-S.	S.-Cu.	0	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	14.2	41.1	79.4	27.6	162.3	0.5	.....	.....	0.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,030.2	.....	.....	.....	.....	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.88	59.95	60.06	57.81	58.28	59.68	59.28	23.2	20.5	33.6	36.1	30.2	26	28.3	36.5	20.5	75	90	44	38	61	76	64	.....
2..	59.11	59.92	59.76	57.12	57.22	58.99	58.69	23.3	21	33.7	35.5	31.9	26.4	28.6	36.1	21	75	89	44	40	49	75	62	.....
3..	58.87	59.03	58.92	56.35	56.76	58.28	58.04	22.8	21	34.5	37.4	32.2	26.3	29	39	21	78	89	40	38	45	66	59.3	.....
4..	58.02	59.08	59.41	58.12	58.19	59.06	58.65	22.2	19.4	34.4	34	29.6	25	27.4	34.8	19.3	81	96	38	41	53	68	62.8	.....
5..	58.92	59.04	59.97	58.19	58.01	58.80	58.82	22.5	20.2	32.8	32.5	28.6	25	26.9	34.8	20.2	78	92	48	53	66	70	67.8	.....
6..	57.82	58.40	58.69	56.68	57.08	58.51	57.86	22.9	20.7	32.1	34.8	29.9	25.4	27.6	35	20.7	79	91	46	40	54	68	63	.....
7..	58.08	58.03	58.30	56.03	56.12	57.90	57.41	22.3	20	31.3	35	30	26.8	27.6	35.6	20	81	94	46	44	49	67	63.5	.....
8..	57.76	57.97	58.33	56.52	56.94	58	57.59	23.3	20.9	33.1	35.2	29.2	27	28.1	36.2	20.5	77	90	44	39	59	72	63.5	.....
9..	57.93	58.24	58.67	57.13	57.14	58.92	58	24.2	21.6	33.9	34.1	29.5	25.2	28.1	35.5	21.5	75	86	52	52	56	76	66.2	.....
10..	58.88	59.12	60.09	57.73	57.08	59.16	58.68	22.5	21.4	32.1	33.9	29.2	25.3	27.4	35.1	21.3	82	87	49	47	62	77	67.3	.....
11..	58.81	59.02	59.19	56.26	55.91	57.97	57.86	24.8	23.1	33.5	37.1	30.7	25.9	29.2	38	22.6	75	85	45	35	55	71	61	.....
12..	57.64	57.24	57.68	56.13	55.79	57.01	56.92	21.8	19	31.5	34.1	30.1	24.6	26.8	34.5	18.9	84	92	49	44	57	79	67.5	.....
13..	56.83	56.38	56.74	54.39	55.03	56.99	56.06	22	19.4	32.9	35.1	28.2	24.6	27	36	19.3	76	90	43	42	65	85	66.8	.....
14..	56.92	57.52	58.18	56	57.02	58.98	57.44	23	21.4	29	29.5	25.7	23.7	25.4	30.3	21.4	84	95	59	60	71	81	75	.....
15..	58.14	58.19	58.10	55.92	56.37	58.09	57.47	21.7	20.1	31.5	32.1	29.2	25.1	26.6	34.2	19.7	85	95	54	52	58	75	69.8	.....
16..	57.88	58.67	59.25	57.02	57.20	59.01	58.17	23.3	23.1	31.6	33	28.9	24.3	27.4	33.9	23	87	89	54	47	59	81	69.5	.....
17..	58.76	59.04	59.73	57.70	58.08	59.20	58.75	22.3	22	31	33.1	30	26.1	27.4	33.1	22	85	86	57	50	59	82	69.8	.....
18..	58.87	59.57	60.43	58.98	59.49	60.56	59.65	23.5	22.6	30.9	32.1	29.8	25.5	27.4	33.9	22.2	87	93	61	60	62	80	73.8	.....
19..	60.07	60.61	61.23	59.49	59.34	60.24	60.16	22.7	21.6	32.2	32.8	31.1	26.6	27.8	33.7	21.5	85	91	59	57	61	78	71.8	.....
20..	59.94	60.66	61.48	59.66	59.27	60.05	60.18	22.4	20.7	31.9	32.8	29.9	25.7	27.2	34.1	20.4	88	95	54	57	65	80	73.2	.....
21..	59.83	59.85	60.78	59.06	59.12	59.91	59.76	22.5	21.6	31.3	32.2	29.3	26.2	27.2	33.6	21.5	87	91	59	59	68	79	73.8	.....
22..	58.99	59.19	59.98	58.03	58.40	59.24	58.97	23.5	21.7	31.8	33.1	29.7	26.5	27.7	34.1	21.6	80	92	58	56	69	79	72.3	.....
23..	58.95	59.14	59.82	58.17	58.17	60.09	59.06	24.7	22.8	31.8	33.3	29.7	27.1	28.2	34.1	22.8	87	91	59	55	69	81	73.7	.....
24..	60.01	60.06	60.84	58.95	59.11	60.78	59.96	25.2	23.7	33.6	33.7	30	26.8	28.8	34.4	23.7	82	89	54	54	65	83	71.2	.....
25..	60.09	60.49	60.38	59.40	58.38	59.80	59.76	24.5	23.2	33.4	32.9	30.9	26.8	28.6	34.1	23.1	86	91	53	57	64	84	72.5	.....
26..	59	59.08	59.56	57.59	58.65	59.03	58.82	24.7	23.4	33.2	34.1	28	25.3	28.1	35.2	23.3	84	90	54	51	69	86	72.3	.....
27..	58.91	59.09	58.48	56.51	56.95	58.41	58.06	23.2	22.3	33.1	33.9	29.9	25.2	27.9	34.7	22.3	90	96	50	52	68	74	71.7	.....
28..	58.03	58.29	58.13	56.65	56.95	58.82	57.81	24.1	22.4	32.1	34.3	31	27.9	28.6	35.1	22.3	82	95	53	50	62	75	69.5	.....
29..	58.26	58.68	59.01	57.82	57.63	59.14	58.42	25.1	24	33.1	33.9	30.5	26.8	28.9	34.3	23.8	89	93	58	53	66	81	73.3	.....
30..	58.97	59.03	59.17	57.67	57.98	59.15	58.66	23.7	21.9	34.2	34	31	27.7	28.8	35.1	21.8	84	94	55	54	67	78	72	.....
Mean	58.67	58.95	59.35	57.44	57.59	58.99	58.50	23.3	21.6	32.5	33.9	29.8	25.9	27.8	34.8	21.4	82.3	91.2	51.3	49.2	61.1	76.9	68.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	N	NW	NW	SE	4.5	34.1	64.7	20.1	123.4	0	.....	S.-Cu.	1	A.-Cu.	Cu.
2..	Calm	Calm	N	NW	NW	SE	6.7	37.2	65.2	27.6	136.7	0	.....	S.-Cu.	1	Ci.-S.	Cu.
3..	Calm	NE	NE	NW	Calm	E	7	38.6	60.2	26.4	132.2	0	.....	S.-Cu.	0	.....	Cu.
4..	Calm	Calm	W	NW	SW	Calm	6.2	40.7	68.9	14.7	130.5	0	.....	S.-Cu.	0	.....	Cu.
5..	Calm	SE	NW	WNW	NNW	NNE	13.4	39.9	68.4	15.6	137.3	0	.....	S.-Cu.	5	Ci.-S.	Cu.-N. W
6..	ESE	ESE	SW	W	NNW	Calm	22.7	59	74.3	8.5	164.5	0	.....	S.-Cu.	1	Ci.-S.	Cu.
7..	Calm	Calm	WNW	WNW	NW	Calm	3.5	44	66	14.5	128	0	.....	Cu.	0	.....	Cu.
8..	Calm	Calm	NW	NW	Calm	NE	4	33	78.9	16.4	132.3	0	.....	Cu.	0	.....	Cu.
9..	Calm	Calm	WNW	NW	NNW	Calm	3.7	29.8	[a]49.6	5	88.1	0	.....	Cu.	0	.....	Cu. W
10..	Calm	Calm	N	NNW	NW	Calm	4.8	37.2	82.1	17.2	141.3	2	.....	S.-Cu.	0	.....	Cu.
11..	Calm	Calm	ESE	NW	N	NE	10.7	23.6	83.1	31.4	148.8	2	.....	S.-Cu.	1	Ci.-S.	Cu.
12..	Calm	Calm	SE	NW	NE	Calm	3.7	38	52.9	13.5	108.1	3	.....	S.-Cu.	3	Ci.-S.	Cu.
13..	Calm	Calm	E	NNW	N	NNW	9.5	30.3	86.9	46.7	173.4	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
14..	N	NNE	NNW	NW	NNW	NNW	43.7	69	112.7	60.9	286.3	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
15..	NNW	Calm	NNE	NNW	N	NNE	18.5	54.2	67.6	33.8	174.1	2	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.
16..	NNE	Calm	NNW	NNW	NNW	NNE	24.4	38.3	64.4	24.9	152	8	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
17..	Calm	Calm	NW	NW	Calm	NNE	4	36.2	48.5	22.8	111.5	8	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
18..	Calm	Calm	WNW	NW	NNW	Calm	13.9	34	62.8	8.3	119	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
19..	Calm	E	W	NNW	NNW	NE	14.8	45.3	72.4	30.1	162.6	3	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.
20..	Calm	ESE	WNW	NNW	NNW	Calm	9.1	41.3	64.4	9.4	124.2	2	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N. NW
21..	Calm	ESE	NW	NW	W	Calm	18	38.6	69.2	11	136.8	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.NNW
22..	ESE	SE	W	NW	NNW	Calm	12.9	38.9	68.2	21.7	141.7	1	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
23..	ESE	ESE	NW	NW	W	SE	24.3	37	70.2	26.2	157.7	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
24..	ESE	SE	NNW	NW	S	Calm	14.3	34.1	81.8	21.5	151.7	2	Ci.-S.	Cu.	0	Ci.-S.	Cu.
25..	Calm	Calm	NW	NW	NW	Calm	12.1	37.5	54.4	10.8	114.8	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
26..	Calm	ESE	W	NNW	SE	Calm	20.6	42.9	73.8	23.8	161.1	0	Ci.-S.	Cu.	1	.....	Cu.-N.
27..	ESE	ESE	NNW	NW	NW	ESE	30.6	40.7	96.4	34	201.7	0	.....	Cu.	3	Ci.-S.	Cu.-N.
28..	ESE	E	NNW	NW	NW	Calm	27.7	41.5	73.2	17.5	159.9	0	.....	Cu.	1	.....	Cu.-N.
29..	E	E	WNW	NW	NW	Calm	23.5	40.2	83.4	19	166.1	0	.....	S.-Cu.	1	.....	Cu.
30..	Calm	Calm	NW	NW	NW	Calm	9.5	44.3	62.5	13.5	129.8	0	Ci.-S.	Cu.	0	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	14.1	40	70.9	21.6	146.5	1.7	.....	.....	2.6	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[a]4,395.6	....	.....	.....	.....	.....	.....

[a] 1 hour missing.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.								Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.92	59.06	58.93	57.01	56.27	57.92	58.02	25.2	23.1	33.9	34.9	32.5	27.7	29.6	35.6	23	79	89	56	53	66	78	70.2	.....
2..	57.90	58.01	58.53	56.68	56.18	57.67	57.50	24.6	23.1	33.4	33.5	30.2	27.5	28.7	34.7	23.1	92	94	60	62	70	84	77	.....
3..	57.96	58.25	59.02	57.29	57.38	58.75	58.11	25.3	24.6	32.5	33.8	30	26.5	28.8	35.1	24.6	86	88	60	60	70	79	73.8	.....
4..	58.58	59.13	59.26	57.85	58.33	59.97	58.85	24.9	23.8	32.2	34.4	30.1	27.4	28.8	35.4	23.8	86	91	63	56	72	81	74.8	.....
5..	59.40	59.11	58.96	56.21?	57.31	59	58.33	24.7	22.2	34.1	38.1	33.6	28.5	30.2	38.8	22.2	84	93	51	45	53	70	66	.....
6..	57.93	58.11	58.61	57.01	57.03	58.81	57.92	24.6	21.7	34	32.5	30.1	25.3	28	34.5	21.6	80	92	55	66	71	81	74.2	.....
7..	57.95	58.13	58.38	56.34	56.83	58.03	57.61	23.8	22.9	33.8	34.1	29.5	25.6	28.3	35.1	22.8	83	89	53	53	75	85	73	.....
8..	57.12	56.97	57.35	55.32	55.64	57.01	56.57	23	22.8	33	33.4	29.8	26.1	28	33.9	22.2	91	89	57	60	71	83	75.2	.....
9..	56.65	56.24	56.65	55.19	56.22	57.93	56.48	23.9	23	33.1	33.5	30.2	27.2	28.5	34.2	23	86	90	59	55	70	74	72.3	.....
10..	56.77	56.97	58.20	56.25	57.33	58.79	57.38	24.7	23.1	32.6	34.4	30.2	26.7	28.6	34.5	23.1	79	90	59	55	69	79	71.8	.....
11..	58.03	58.64	58.86	57.29	58.05	58.70	58.26	24.7	23.1	33.7	34.5	30.2	27.8	29	35.1	23	86	89	55	55	70	74	71.5	.....
12..	58.01	58.77	59 03	57.80	57.43	58.59	58.27	24.6	23.1	32.9	34.1	30.8	27.2	28.8	34.4	23	87	94	59	57	72	78	74.5	.....
13..	58.80	58.98	58.51	55.93?	55.79	57.94	57.66	24.9	23.2	33.3	37.9	35.2	29.8	30.7	38.7	23	83	90	62	45	55	66	66.8	.....
14..	58.66	59.32	59.15	57.93	58.31	59.74	58.85	27.2	22.9	33.1	34.3	30.9	27.6	29.3	35	22.8	73	90	60	56	66	73	69.7	.....
15..	59.02	59.92	59.02	58.08	57.75	59.02	58.80	25.5	23.3	33.1	30.2	29.9	26.2	28	34.7	23.1	83	89	56	68	71	70	72.8	.....
16..	58.72	58.94	58.42	56.25	56.13	57.17	57.60	24.1	22.6	32	34	30.8	26.6	28.4	34.4	22.5	84	95	63	60	71	78	75.2	.....
17..	56.94	57.02	57.16	56.05	56.89	58.91	57.16	24.9	24	32.2	34	39.1	23.3	27.9	34.4	22.9	87	93	64	56	76	90	77.7	52.8
18..	57.35	57.37	57.89	56.69	56.52	58.13	57.32	23.5	22.5	29.7	32.2	29.7	25.5	27.2	32.5	22.5	89	94	73	57	72	77	77	.8
19..	57.94	58.06	57.74	56.75	57.31	58.65	57.74	24.2	23	31.1	31.5	25.1	24.8	26.6	32.8	23	83	91	69	69	86	82	80	3
20..	58.21	58.10	58.02	56.33	56.68	57.98	57.55	24	22.9	32	34.6	29.1	26.5	28.2	34.9	22.9	86	92	64	52	71	76	73.5	.....
21..	57.07	57.66	57.40	56.28	56.97	58.15	57.26	25	23.9	33.1	32	28.1	26	28	34.6	23.9	85	92	58	65	79	78	76.2	.....
22..	58.09	57.96	58.35	57.04	57.09	58.18	57.78	24.7	23.1	32.6	34.1	30.7	28.5	29	34.4	23.1	86	96	58	55	70	80	74.2	.....
23..	57.80	58.15	58.13	56.30	56.41	58.11	57.48	25.9	24.5	32.5	33.9	30.4	27.1	29	34.2	24.5	81	89	58	55	72	73	71.3	.....
24..	57.15	57.32	57.75	55.90	55.95	57.12	56.86	24.9	23.6	32.7	33.9	30.1	27.6	28.8	34.8	23.6	86	93	57	58	69	79	73.7	.....
25..	56.77	57.03	57.75	55.12	55.25	57.17	56.52	25.1	23.9	28.1	33.4	30.1	27.8	28.1	33.4	23.8	84	91	84	57	71	80	77.8	5.3
26..	56.51	56.89	57.58	56.36	56.51	57.34	56.86	26	25.1	30.8	33.9	31.2	27.3	29	34.5	25	85	91	64	50	67	81	73	.....
27..	57	57.94	57.26	55.99	56.37	57.67	57.04	24.1	23.8	32.5	33.4	31.3	27.2	28.7	35.2	23.8	91	91	59	59	66	84	75	6.9
28..	57.05	57.56	57.40	56.25	56.18	57.43	56.98	26.4	25.4	32.2	33.1	31.2	29	29.6	34.4	25.2	87	92	63	56	67	78	73.8	.....
29..	57.14	57.32	57.92	56.87	56.89	58.81	57.49	27	25.7	33.4	28.2	29	26.1	28.2	34.2	25.4	84	91	58	76	75	79	77.2	.....
30..	58.02	58.38	58.46	57.40	57.89	58.61	58.13	25	24.1	33.5	34.1	28.4	25.8	28.5	34.9	24.1	85	91	55	59	73	87	75	.....
31..	58.03	58.44	59.08	57.98	57.79	58.90	58.37	23.9	22.3	31.1	30.9	30.4	26.5	27.5	33.1	22.3	91	94	67	67	69	80	78	.....
Mean	57.79	58.06	58.22	56.64	56.86	58.26	57.64	24.8	23.4	32.5	33.6	30.3	26.9	28.6	34.7	23.3	84.9	91.4	60.6	58	70.2	78.6	73.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	W	WNW	SSW	Calm	11.9	44.1	61.2	23.6	140.8	0	.....	Cu.	0	.....	Cu.
2..	Calm	ESE	NW	NW	WSW	SE	11.3	40.7	68.9	17.7	138.6	0	.....	Cu.	3	Ci.-S.	Cu.-N.
3..	SE	ESE	W	NNW	NNW	ESE	19.5	42	75.6	21.1	158.2	1	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N. NW
4..	ESE	Calm	NW	NNW	NW	NNE	32.7	42.6	71.8	39.7	186.8	3	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N. W
5..	Calm	Calm	WSW	NW	SSW	NNE	11.9	31.2	60.4	32.4	135.9	3	Ci.-S.	S.-Cu.	0	Ci.-S.	Cu.
6..	Calm	Calm	W	NW	NNE	Calm	3.8?	46.7	68.6	34	153.1	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N. W
7..	ESE	E	NW	NW	NNW	Calm	26.6	51.2	69	11	157.8	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
8..	Calm	SE	WNW	W	NNW	Calm	11.8	53.1	70.3	6.4	141.6	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
9..	Calm	ESE	W	W	WNW	Calm	21.7	54.4	77.2	16.1	169.4	4	Ci.-S.	Cu.	4	Ci.	Cu.-N.
10..	Calm	SE	NNW	NNW	NNW	Calm	26	44.8	76.7	19.6	167.1	7	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.-N.
11..	Calm	E	WNW	WNW	NNW	NW	14.2	48.8	63.6	10.5	137.1	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
12..	ESE	E	NW	NNW	NNW	Calm	15.5	48.9	65.4	7.8	137.6	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
13..	Calm	Calm	NW	NW	NW	SE	18.2	43.8	61.4	37.6	161	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
14..	Calm	Calm	NNW	NW	SW	SE	6.9	46.2	74.8	22.2	150.1	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
15..	ESE	Calm	W	SE	ESE	ESE	10.3	43.1	56.6	17.4	127.4	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N. SE
16..	Calm	E	W	NW	NNW	Calm	23.9	43.7	67.1	31.6	166.3	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
17..	E	Calm	WSW	WSW	SE	SE	31.1	55.3	85.5	36.8	208.7	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
18..	Calm	Calm	W	W	ESE	ESE	14	35.9	53.1	22.5	125.5	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
19..	ESE	E	W	WSW	NE	E	25.7	48.3	61.2	14.5	149.7	0	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N. W
20..	Calm	Calm	NNW	W	ESE	E	7.7	34.1	60.4	31.4	133.6	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
21..	E	Calm	SW	W	ESE	ESE	17.1	44.1	57.4	36.8	155.4	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
22..	E	E	WSW	W	NW	Calm	22.5	47.3	72.4	9.7	151.9	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
23..	Calm	ESE	WSW	WSW	NW	Calm	18.8	50.4	77	8.2	154.4	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.
24..	ESE	ESE	NW	SW	W	Calm	32.8	57.3	77.5	20.7	188.3	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
25..	SE	ESE	NW	W	WNW	Calm	32.4	54.4	90.1	29	205.9	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
26..	SE	SE	WSW	WNW	W	SE	27.4	67.6	75.9	15.8	186.7	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
27..	Calm	ESE	WSW	WSW	SW	Calm	27.2	71	110.8	40.7	249.7	4	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N. SW
28..	Calm	Calm	SW	W	SW	SE	17.9	62.3	108	41.2	229.4	10	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu.-N.
29..	SE	Calm	SW	ESE	ESE	Calm	19.8	57.9	35.2	23.6	136 5	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
30..	Calm	E	SW	W	WSW	SE	15.3	46.5	70.8	33.8	166.4	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
31..	ESE	ESE	WNW	W	ESE	Calm	18.2	47.8	57.9	8	131.9	2	Ci.-S.	Cu.	9	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	19.2	48.6	70.4	23.3	161.4	2.8	.....	.....	3.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,002.8	....	.....	.....	....	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	58.92	59.41	58.98	57.38	57.65	59.02	58.56	25.5	23.9	33.6	35.3	31.1	27.3	29.4	35.4	23.9	81	92	56	54	67	82	72	.....
2..	58.92	59.12	58.32	56.90	57.30	58.90	58.24	25.8	24.6	33.2	34.5	28.9	26.2	28.9	35.1	24.6	88	93	60	58	74	84	76.2	.....
3..	57.97	58.02	58.26	56.39	56.89	58.26	57.63	24.5	23.8	31.5	34.5	28.4	26.2	28.2	34.8	23.8	89	93	69	58	77	79	77.5	.....
4..	57.06	57.61	57.06	55.79	56.13	57.84	56.92	24.4	23.1	32.8	33.5	26.9	24.3	27.5	35	23	83	90	63	62	70	89	76.2	.....
5..	57.08	57.03	56.75	55.17	55.54	56.41	56.33	24.1	23.9	30.8	32.9	30.1	25.1	27.8	34.2	23.9	92	92	72	65	73	84	79.7	.....
6..	55.98	55.80	55.50	53.99	54.04	55.63	55.16	24.8	23.2	32	32.2	28.1	25.8	27.7	34.2	23.2	87	97	66	66	84	81	80.2	5.4
7..	55.41	55.73	55.37	54.84	55.03	56.54	55.49	23.9	23	30.9	33.5	30.3	26.4	28	34.1	23	87	93	66	62	75	87	78.3	2.8
8..	57.06	57.07	57.47	56.30	57.27	58.21	57.23	24.3	23	30.4	32.7	27.9	25.1	27.2	33.7	23	91	91	73	67	74	89	80.8	8.1
9..	58.15	58.18	58.28	56.92	58.01	58.46	58	24.1	23	31.3	32.9	24.9	24.2	26.7	33.3	23	92	98	70	63	91	91	84.2	6.1
10..	57.91	57.97	58.07	56.50	56.06	57.46	57.33	24	24	31.8	33.1	30.3	26.1	28.2	33.9	24	93	93	67	65	71	88	79.5	.....
11..	56.95	56.97	56.80	55.22	56.14	57.04	56.52	25.1	23.8	29.8	29.1	23.1	22.7	25.6	32.4	22.6	89	97	79	83	94	94	89.3	56.4
12..	56.64	56.72	56.42	55.06	55.94	57.35	56.36	22.6	21.9	30.1	32.2	28.4	25.7	26.8	32.3	21.9	95	97	76	68	83	88	84.5	2.5
13..	57	57.52	57.32	56.60	57.71	59.12	57.54	24.5	23.9	31.5	33.5	25.2	24	27.1	33.8	23.8	89	92	70	63	87	91	82	26.4
14..	58.47	58.67	58.25	57.26	58.23	59.48	58.39	23.3	23	30.8	30.2	24.2	24.3	26	31.9	23	94	95	72	74	80	81	82.7	6.1
15..	58.78	58.39	58.47	57.40	58.24	60.30	58.60	23.9	22.8	31.2	33.2	27.1	24	27	33.2	22.8	81	93	69	67	75	88	78.8	66
16..	59.76	59.11	58.45	57.30	57.77	59.57	58.66	23.5	23.1	30	32.1	30.6	24.3	27.3	32.1	23.1	90	92	74	71	72	89	81.3	46.5
17..	59	59.02	58.41	57.36	59.02	59.52	58.72	24.4	24	31	32.1	27.2	24.6	27.2	32.1	24	87	85	67	66	80	85	78.3	4.8
18..	58.32	58.16	58.20	57.86	58	59.10	58.27	23.7	22.1	29.2	32.1	27.9	24.2	26.5	32.1	22.1	87	97	76	68	75	86	81.5	4.1
19..	58.75	59.38	59.33	58.21	58.21	59.49	58.90	23.9	22.9	30.3	32.2	29.6	26.2	27.5	32.6	22.9	86	92	75	65	74	78	78.3	4.8
20..	58.87	59.02	59.33	57.73	58	59.86	58.80	24.3	23	30.7	32.1	30.8	22.9	27.3	32.2	22.2	87	95	71	67	72	96	81.3	52.3
21..	58.87	58.91	58.85	57.33	57.24	58.96	58.36	22.5	22	29.6	32.1	27	25.2	26.4	32.3	22	96	98	71	67	77	83	82	10.9
22..	57.96	57.41	58	56.47	56.98	57.95	57.46	24.2	23.1	30.1	32.1	26.4	25.2	26.8	32.8	23.1	90	94	69	67	79	82	80.2	.....
23..	57.85	57.47	57.78	56.15	57.03	58.37	57.44	24.1	23	30.2	32.4	25.9	24.6	26.7	32.6	23	89	93	71	64	81	85	80.5	.8
24..	57.83	57.04	57.05	55.78	55.31	56.85	56.64	24	23.1	30	31.4	30.5	25	27.3	31.8	23.1	90	94	78	75	78	85	83.3	9.4
25..	56.84	56.43	56.59	54.83	55.44	56.47	56.10	24.7	24	30.1	32.1	26.1	25	27	32.1	24	86	91	75	67	81	83	80.5	.....
26..	55.98	55.42	55.25	54.19	53.08	54.80	54.79	23.5	22.4	30	33.8	32.1	27.9	28.3	34	22.4	90	98	71	58	64	78	76.5	.....
27..	53.98	53.97	53.39	51.79	51.02	52.02	52.70	25.2	24	32.2	34.4	31.5	28.1	29.2	35	24	83	90	65	56	66	77	72.8	.3
28..	51.02	49.08	47.99	46.92	45.10	45.20	47.55	26	26.1	31.3	29.5	29	25.7	27.9	33.1	25	85	83	73	76	72	84	78.8	49.8
29..	43.99	41.33	39.06	37.71	37.48	42.05	40.27	25	25.1	25.1	26	25	23.3	24.9	26.6	22.3	87	83	86	87	87	96	87.7	334.8
30..	45.15	47.77	50.13	50.91	51.56	53.03	49.76	22	22.3	22.7	28.8	28.9	26	25.1	30.4	22	98	97	96	65	78	84	86.3	9.9
Mean	56.55	56.46	56.30	55.08	55.38	56.78	56.09	24.2	23.4	30.5	32 2	28.1	25.2	27.2	33	23.2	88.7	92.9	71.5	66.5	77	85.6	80.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	708.2

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0-10*			*0-10*		
1..	Calm	Calm	W	NW	NW	SE	15.5	41.6	56.8	23.8	137.7	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
2..	Calm	Calm	W	NW	ESE	Calm	27.2	39.4	79.1	16.1	161.8	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
3..	ESE	ESE	NW	NW	ESE	ESE	19.6	39.7	57.1	25.1	141.5	0	Ci.-S.	Cu.	3	Ci.	Cu.-N.
4..	Calm	ESE	W	NW	NW	ESE	15.5	45.6	70.6	34.9	166.6	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
5..	ESE	ESE	NW	NNW	NE	ESE	33	43.3	75.6	29	180.9	7	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
6..	ESE	ESE	Calm	N	E	ESE	26.8	40.8	57.4	24.4	149.4	2	Ci.-S.	Cu.	5	Ci.	Cu.-N.
7..	ESE	ESE	W	NW	NW	ESE	19	44	72.1	19.6	154.7	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
8..	ESE	ESE	NW	WNW	SE	SE	15.8	37.3	54.4	19	126.5	1	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
9..	SE	Calm	NW	NW	SE	SE	20.7	39.4	57.1	31.4	148.6	3	Ci.	Cu.	8	Ci.-S.	Cu.-N.
10..	ESE	ESE	SSW	SW	SE	SE	22.7	52.9	80.5	29	185.1	9	Ci.-S.	Cu.-N.	4	Ci.-S.	Cu.-N.
11..	Calm	ESE	SW	SW	SE	SE	28.8	48.3	43.7	34.9	155.7	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. S
12..	SE	SE	SSW	SW	SW	SSE	18.7	41.2	92.5	30.9	183.3	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
13..	SE	Calm	SSW	WSW	Calm	SE	16.3	37.5	63.4	26	143.2	0	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. S
14..	SE	SE	SSW	WSW	SSE	SE	17.1	49.6	62.2	25.4	154.3	7	Ci.	Cu.	8	Ci.-S.	Cu.-N. S
15..	Calm	ESE	Calm	W	SSE	SE	23	32.7	55.2	30.1	141	0	Ci.	Cu.	2	Ci.-S.	Cu.-N.
16..	SE	SE	W	NW	NNW	ESE	23.5	29.6	57.9	28.8	139.8	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
17..	SE	ESE	NNW	NNW	ESE	Calm	24.3	35.4	60	36.7	156.4	10	Ci.-S.	Fr.-N.	9	Ci.-S.	Cu.-N.
18..	Calm	ESE	Calm	NW	ESE	Calm	25.4	30.8	52.9	25.7	134.8	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
19..	SE	SE	ESE	NW	Calm	Calm	32.7	39.9	57.4	21.4	151.4	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
20..	Calm	ESE	SW	WNW	NE	NE	20.4	45.6	58.1	25.4	149.5	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
21..	Calm	NE	Calm	W	NE	ESE	19.8	33.5	55.7	20.4	129.4	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
22..	SE	ESE	W	W	SSE	SE	17.2	33.8	57.9	26.8	135.7	0	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
23..	SE	Calm	NNW	NW	SSE	Calm	24.3	31.1	52.6	20.7	128.7	1	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
24..	ESE	ESE	SSE	NW	NNW	NE	24.6	25.9	64.1	19.8	134.4	2	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N. S
25..	NE	NE	SW	SW	ESE	Calm	17.7	33.6	57.1	18.5	126.9	4	Ci.-S.	Cu.-N.	3	Ci.-S.	Cu.-N.
26..	E	Calm	Calm	W	SSW	Calm	21.5	31.6	49.9	15.9	118.9	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
27..	Calm	Calm	ENE	NE	NE	NNE	10.5	31.4	77.4	59.7	179	10	Ci.-S.	S.-Cu.	3	Ci. ESE	Cu.-N.
28..	N	NNW	NNE	N	N	N	54.5	87.1	87.1	56	284.7	2	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N. NNE
29..	N	NNW	NW	NW	W	SW	86.7	194.9	180.2	257.5	719.3	10	Ci.-S.	N. N	10	Ci.-S.	N. NW
30..	SW	SW	S	S	S	S	164.1	85.3	122.1	44.5	416	10	Ci.-S.	N. SW	10	Ci.-S.	Fr.-N. SW
Mean	.....	.....	.....	.....	.....	.....	29.6	46.8	68.9	35.9	181.2	3.2	.....	.....	5.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,435.2	.....	.....	.....	.....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, −1.58 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	53.33	54.29	55.54	55.53	56.27	58.36	55.55	23.4	23	31	31.5	29.3	24.5	27.1	31.9	22.9	91	93	68	69	72	86	79.8	7.1
2..	57.73	57.98	57.65	57.28	57.10	58.89	57.77	24	24	30.7	31.2	29.8	27.1	27.8	31.5	23.9	88	72	67	73	78		77.7	.....
3..	58.26	58.20	57.98	56.93	57.09	58.02	57.75	25.8	24.9	29.4	32.4	29.1	25.2	27.8	32.9	24.7	81	84	76	69	72	87	78.2	.....
4..	57.10	56.94	56.44	55.22	55	56.04	56.12	24	23.1	30	31.9	29.5	26.7	27.5	31.9	23.1	95	97	77	68	69	77	80.5	.....
5..	54.98	54.04	54.88	53.46	53.72	54.88	54.33	24.1	23	29	32.6	26.1	24.5	26.6	32.6	23	86	93	76	63	88	87	82.2	20.1
6..	53.79	54.03	53.73	52.53	51.38	52.35	52.97	24	23.2	29.8	30.2	29.8	27	27.3	31.8	23.2	90	93	73	77	79	83	82.5	.....
7.	53.01	54.42	54.41	53.41	53.90	55.99	54.19	25	24.9	30.7	31.1	29.4	25	27.7	31.3	24.8	85	86	79	71	75	83	79.8	15.7
8..	55.53	55.67	56.11	54.62	54.89	55.99	55.47	24.6	24	31.5	31.9	28.1	26.2	27.7	32.1	24	87	91	64	59	68	78	74.5	3.8
9..	55.37	54.84	54.85	53.13	53.04	54.08	54.22	24.7	23.7	30.3	31.8	29.1	26.3	27.6	32.1	23.7	84	87	60	55	65	74	70.8	.....
10..	52.88	52.98	53.19	52.19	51.86	52.90	52.67	24.5	24.5	30.3	29.2	27.2	25.6	26.9	30.9	24.2	86	84	59	64	70	79	73.7	61.8
11..	52.28	52.49	52.97	52.60	51.98	53.07	52.56	23.8	23.9	24.3	26.1	26.8	25.9	25.1	27	23.8	91	89	87	79	77	80	83.8	63.3
12..	52.96	53.06	53.91	53.59	53.50	54.55	53.60	25.2	25.3	28.8	30.3	28	26	27.3	30.5	24.9	82	83	69	63	71	81	74.8	44.1
13..	54.08	54.01	54.59	53.70	53.97	55	54.22	25.8	26	28.5	29.7	27.1	27.4	27.4	29.9	25.1	81	79	71	67	76	76	75	48.3
14..	54.70	54.95	55.16	54.07	54.40	55.12	54.73	26.2	26.1	27.9	27.2	27.4	25.7	26.8	28.2	25.5	82	82	71	78	76	84	78.8	30.4
15..	54.38	54.73	54.58	53.56	53.61	54.47	54.22	26.3	25..	26.2	25.7	25	24.7	25.5	27.2	24.4	79	83	85	80	83	86	82.7	173.7
16..	54.02	54.38	55.25	54.81	55.87	56.05	55.06	25.3	25.2	27.8	27.9	24.2	24.1	25.8	29.8	23.9	83	83	71	72	86	86	80.2	104.8
17..	55.03	55.12	55.96	55.34	55.40	56.91	55.63	24.1	25..	26	28	26.6	25.4	25.9	29	23.9	87	89	79	70	77	80	80.3	46
18..	55.80	55.98	56.29	55.58	55.44	56.02	55.85	25.2	24.9	27.7	27.5	26.9	25.8	26.3	29.5	24.9	82	84	70	75	77	82	78.3	34.2
19..	55.35	55.67	56.58	55.49	55.49	56.40	55.83	25.1	26	29.1	30.5	28.2	26	27.5	30.5	25.1	86	81	69	62	70	82	75	66.1
20..	55.68	55.89	56.48	55.40	55.40	56.90	55.96	25.2	23.6	26	27.5	27.6	26	26	27.7	23.6	82	91	77	75	73	79	79.5	93.4
21..	55.62	55.82	56.23	55.11	55.06	55.50	55.56	25.2	23.9	23	22.8	24.5	25.2	24.1	26	22.7	82	89	93	93	86	82	87.5	187
22..	55.01	55.01	54.77	53.89	53.99	54.90	54.60	22.9	22.8	25.5	26.7	25.1	24	24.5	26.8	22.6	92	93	93	86	88	91	90.5	38.3
23..	54.09	54.24	55.86	54.28	54.01	55.67	53.69	24	24.5	25	30	28.8	26.1	26.4	30.1	24	91	89	85	71	73	86	82.5	5.8
24..	55	54.50	55.11	54.20	54.03	55.30	54.69	24.9	24.1	28.7	30.6	29	27	27.4	31	24	89	91	64	62	76	81	77.2	2.8
25..	54.16	54.22	54.50	53.46	54.10	55.37	54.30	25.4	24.9	30.8	32	29.1	26.4	28.1	32.1	24.8	87	86	67	64	77	82	77.2	.....
26..	54.88	54.98	54.90	54.20	54.81	55.98	54.96	25.3	24.5	30.8	28.9	24.9	24.4	26.5	32	24.3	88	89	67	76	84	88	82	5.8
27..	55	55.08	55.36	54.17	53.82	54.32	54.62	24.4	24.4	26.9	28.1	27.5	24.6	26	28.5	24.1	88	90	77	75	77	90	82.8	20.4
28..	53.54	53.75	53.28	52.34	52.40	53.86	53.20	24	23.9	23.4	24.5	24.4	23.2	23.9	24.8	23.2	91	92	97	89	88	95	92	135.4
29..	53.77	53.77	54.69	54.09	54.21	55.59	54.35	23.1	23	25.4	26.8	26.9	25.1	25	27.2	23	96	95	82	74	76	84	84.5	17
30..	55.56	55.79	56.70	55.93	57.01	58.51	56.58	23.9	23.5	28.8	32	26.7	23.6	26.4	32.8	23.5	92	94	69	63	79	93	81.7	31
31..	57.78	57.98	58.52	58.03	58.46	60.69	58.58	23.8	24	27.5	30	29	23.4	26.3	30.1	23.1	93	93	75	71	78	88	83	38.2
Mean	54.86	54.99	55.37	54.46	54.56	55.73	54.99	24.6	24.3	28.1	29.2	27.5	25.4	26.5	30	23.9	87	88.4	74.9	71.2	76.7	83.5	80.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,294

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	Calm	S	SSW	SW	S	11.3	43.5	70	24.1	148.9	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. SW
2..	Calm	Calm	ENE	W	Calm	Calm	17.9	32	45.7	7	102.6	6	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
3..	SE	Calm	S	NW	Calm	SE	14.8	24.1	54.1	28	121	9	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
4..	E	E	SSW	SW	Calm	NE	24.9	39.4	55.3	19.6	139.2	2	Ci.	Cu.	3	Ci.	Cu.-N.
5..	E	E	SE	WSW	SSE	Calm	36.5	30.1	50.1	15.9	132.6	4	Ci.	S.-Cu.	9	Ci.-S.	Cu.-N.
6..	Calm	Calm	N	NNW	Calm	NNE	15.1	21.9	46.7	26.9	110.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
7..	Calm	Calm	NW	SW	W	Calm	18.7	36.5	56.9	18.2	130.3	2	Ci.-S.	Cu.	7	Ci.-S.	Cu.-N.
8..	Calm	SE	NNW	SW	S	Calm	7	36.8	88.5	31.1	163.4	4	Ci.	S.-Cu.	8	Ci.-S.	Cu.-N.
9..	Calm	S	SSW	SW	SW	S	22.3	48	101.2	33.5	205	3	Ci.	Cu.	4	Ci.	Cu.-N.
10..	S	S	SW	SW	SSW	S	33.6	73	99.5	47.2	253.3	4	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N. S
11..	S	SSE	SW	SSW	SSW	SSW	41.2	37.5	62.8	77.2	218.7	10	Ci.-S.	N.	10	Ci.-S.	N.
12..	S	S	SSW	SW	SW	SSW	80.5	105.4	145.9	85	416.8	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N. SW
13..	SW	SSW	SSW	SW	SW	SW	85.3	114.3	136.8	95.2	431.6	10	Ci.-S.	Fr.-N. sw	10	Ci.-S.	Cu.-N. SW
14..	SW	SW	SSW	SW	SW	SW	77	76.6	77.2	67.6	297.4	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
15..	SW	SW	SSW	SSW	SSW	SSW	67.3	64.7	83.1	66.6	281.7	10	Ci.-S.	Fr.-N. sw	10	Ci.-S.	N. SW
16..	SSW	SSW	SW	SW	W	SW	59.2	96.9	105.1	84	345.2	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N. SW
17..	SSW	S	SSW	SW	SSW	SW	70.8	92.5	95.2	64.6	323.1	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N. SW
18..	SW	SSW	S	SW	SSW	SW	74.6	95.6	78.4	63.8	312.4	10	Ci.-S.	N. SW	10	Ci.-S.	Cu.-N.
19..	SSW	SW	SW	SW	SW	SW	60.6	100	115.1	73.4	349.1	10	Ci.-S.	N.	9	Ci.-S.	Cu.-N. SW
20..	S	S	SSE	SSW	SSW	SSW	45.6	65.4	83.4	63	257.4	10	Ci.-S.	N.	10	Ci.-S.	N. SW
21..	S	S	SE	SE	SSE	S	50.5	59.5	61.2	60.7	231.9	10	Ci.-S.	N.	10	Ci.-S.	N.
22..	SSE	SE	SE	S	S	SE	38.6	45.1	39.1	39.7	162.5	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N.
23..	Calm	SSW	S	SW	SW	SSW	21.5	39.6	84.3	31.7	177.1	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
24..	S	S	SSW	SW	SSW	SE	32.2	38.4	54.7	30.6	155.9	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
25..	Calm	SE	SSW	SSW	SW	Calm	29.6	53.3	69.4	25.1	177.4	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
26..	Calm	S	SW	SW	ESE	SE	20.6	42.3	61.2	42.6	166.7	4	Ci.-S.	Cu.	10	Ci.-S.	Cu.-N. SW
27..	Calm	SE	Calm	ESE	Calm	S	8.5	27.2	30	28	93.7	8	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
28..	SE	S	SSW	SSE	S	S	14	38.9	43.5	80.5	176.9	10	Ci.-S.	N.	10	Ci.-S.	N.
29..	S	Calm	S	SSW	SSW	S	50.9	44.3	62	19.1	176.3	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
30..	Calm	SSW	SSE	W	Calm	ESE	21.9	21.1	34.3	32	109.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
31..	SE	ESE	SE	W	Calm	SE	25.1	17.9	36	33.5	112.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	38	53.6	71.8	45.7	209	7.7	.....	.....	8.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,480.5	.....	.....	.....	.....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.53	59.54	58.87	58.14	58.65	59.91	59.11	23 5	23.1	25.3	30	25.9	24.3	25.4	30.9	23.1	87	90	83	70	80	89	83.2	51.8
2..	58.83	58.29	59.51	58.29	57.90	58.87	58.62	23.4	23	24.2	25.8	26.1	24.4	24.5	26.1	23	95	98	91	82	83	88	89.5	76.1
3..	57.63	57.82	58.97	57.17	57.16	58.70	57.91	23.2	23	23.2	26.3	26.9	25.9	24.8	28.3	23	97	98	97	79	77	85	88.8	25.9
4..	57.93	57.96	58.53	57.30	57.10	58.87	57.95	24.4	24	29.5	30.3	28.9	27	27.4	30.9	24	90	91	67	64	71	78	76.8	.....
5..	57.99	58.22	58.65	57.18	57.22	58.12	57.90	26.4	24.1	30.8	31.5	28.8	25.9	27.9	32.1	24	81	91	68	68	68	83	76.5	.....
6..	57.97	58.08	58.08	57.01	56.06	57.34	57.42	23.5	22.4	29.6	30.9	28.3	25.6	26.7	31.1	22.4	87	93	69	65	75	88	79.5	.....
7..	57.03	57.04	57.57	57.17	56.47	58.04	57.22	24.3	23	29.7	30.5	29	25.7	27	31.3	23	92	98	68	68	75	80	80.2	4.1
8..	57.82	57.78	57.97	56.98	57.08	58.25	57.65	23.9	23	30.2	31.4	29.2	26.6	27.4	31.8	23	87	91	69	67	78	80	78.7	6.4
9..	57.87	57.70	58.19	56.27	57.30	58.13	57.58	24.8	23.9	29.8	31.5	26.8	24.4	26.9	31.6	23.8	85	89	71	64	78	83	78.3	2.8
10..	57.83	57.36	57.27	55.48	55.68	56.97	56.76	23.9	23	28.7	30.8	27.6	25.3	26.6	31.5	23	86	91	75	67	79	81	79.8	.....
11..	56.30	56.02	56.13	54.60	54.75	55	55.47	24.3	23	28.2	30.7	25.6	23.5	25.9	30.9	22.9	84	91	74	69	92	89	83.2	42.2
12..	54.07	53.98	53.79	51.28	51	52.81	52.82	23.3	23	23.2	22.4	23	23.6	23.1	23.8	22.4	90	91	95	96	91	86	91.5	205.4
13..	52.81	52.81	53.33	52.40	52.95	53.88	53.03	22.3	22	24.8	29	26.1	24.5	24.8	29	22	96	98	79	71	79	79	83.7	36
14..	54.24	54.30	55.45	53.90	55.33	56.57	54.96	23.1	22.5	27.9	30	27.9	25.4	26.1	30	22.2	89	92	72	71	74	82	80	9.1
15..	56.61	56.84	57.98	57.26	58.01	59.34	57.67	23.2	22.4	29.3	31	26.2	25	26.2	31.4	22.4	91	96	70	68	87	85	82.8	.....
16..	59.07	59.08	59.57	58.14	58.28	60	59.02	23.5	22.1	29.7	30.5	28.4	25.3	26.6	30.9	22.1	89	97	71	68	76	84	80.8	.....
17..	59.73	59.67	58.98	56.07	56.11	57.59	58.02	24	23	29	32.9	31.9	25.3	27.7	33.1	23	90	93	74	61	68	84	78.3	.....
18..	57.02	56.94	57	55.38	54.97	56.34	56.28	24.9	23.5	29.9	30.4	28.7	25.1	27.1	30.7	23.5	84	90	73	69	78	88	80.3	.....
19..	55.95	56.08	56.88	55.50	55.44	56.95	56.13	24.2	23.5	29.7	30.1	28	25.1	26.8	30.1	23.5	88	89	71	71	83	84	81	.....
20..	56.77	56.57	57.32	56.04	56.95	57.93	56.93	24.1	23	29	30.8	25	23.4	25.9	31.8	23	89	93	71	68	92	85	83	7.1
21..	57.45	57.39	57.85	56.89	56.91	58.03	57.42	23.1	22.4	28.9	30.4	26.5	24.6	26	30.4	22.4	85	88	73	74	80	88	81.3	.....
22..	57.32	57.57	58.23	56.62	56.70	57.95	57.40	23.3	22.1	28.2	25.5	26.6	25	25.1	30.1	22.1	92	97	66	83	81	87	84.3	9.9
23..	57.36	57.34	57.50	56.22	55.48	56.73	56.77	23.2	22.6	29.4	32	28.4	24.7	26.7	32	22.5	93	95	66	55	73	86	78	.....
24..	56.19	55.25	54.78	53.33	53.10	54.20	54.48	22.9	21.9	28.8	29.9	25.5	23.9	25.5	30	21.9	94	96	72	68	81	89	83.3	115.1
25..	54.34	54	55.03	54.30	54.88	56.05	54.77	22.2	22.3	29.1	30.5	28.4	26.4	26.5	30.8	22	96	96	68	63	75	84	80.3	3.8
26..	56.01	56.34	57.52	56.19	56.30	57.17	56.59	25	23.7	30.2	30.3	25.5	24.9	26.6	30.4	23.6	87	92	71	71	86	84	81.8	15.5
27..	56.90	56.92	57.15	55.97	56.52	57.57	56.84	23.8	23.1	27.9	30.2	25.5	24	25.8	30.2	22.9	88	92	78	69	84	86	82.8	11.2
28..	56.97	55.92	56.15	55.29	55.88	56.91	56.19	23	22.4	28.2	29.5	26.6	24.9	25.8	30.1	22.4	91	96	77	73	81	84	83.7	4.8
29..	56.40	56.07	56.66	55.58	56.59	57.27	56.43	23.9	23	29.1	28.9	23.9	23.1	25.3	30.8	22.8	91	93	64	65	87	90	81.7	22.6
30..	57.06	57.05	57.43	56.24	56.93	57.70	57.06	22.4	21.8	29.4	29.9	26.1	24	25.6	31.8	21.8	95	96	63	65	85	88	82	20.4
31..	56.91	56.73	57.22	55.45	56.29	57.51	56.68	22.9	22.4	29.6	30.2	25.9	23.4	25.7	30.9	22.4	94	95	61	66	77	90	80.5	20.8
Mean	56.96	56.86	57.28	55.92	56.13	57.31	56.74	23.7	22.8	28.4	29.8	27	24.8	26.1	30.5	22.8	89.8	93.4	73.1	69.6	79.8	85.1	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	691

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	SE	E	WSW	ESE	ESE	25.4	29	39.4	22.7	116.5	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N.
2..	ESE	ESE	Calm	Calm	Calm	Calm	15.9	27.1	8.9	12.4	64.3	10	Ci.-S.	N.	10	Ci.-S.	N.
3..	Calm	Calm	Calm	ESE	SW	SE	24.1	21.4	28.8	23.6	97.9	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
4..	Calm	SE	SSW	SSW	SW	SE	17.9	57.9	80	41.5	197.3	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
5..	ESE	SE	SSW	SW	SW	SE	27.6	64.1	95	49.9	236.6	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
6..	SE	SE	SSW	SSW	SW	SE	25.4	68.1	102.8	54.1	250.4	2	Ci.-S.	Cu.	3	Ci.-S.	Cu.
7..	SE	SE	SSW	SW	SSW	S	35.2	49.3	85.1	35.6	205.2	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N. SW
8..	SE	SE	SW	SW	SW	S	27.9	51	76.7	20.6	176.2	2	Ci.-S.	Cu.	2	Ci.-S.	Cu.
9..	SSE	S	SSW	SW	SW	SSE	23.1	43.7	77.2	33.8	177.8	3	Ci.	Cu.	3	Ci.-S.	Cu.
10..	SE	SE	S	SW	S	S	30.4	42	51.5	20.4	144.3	8	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
11..	Calm	Calm	Calm	NW	NE	Calm	16.6	29	54.9	19.5	120	5	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
12..	NE	Calm	SSE	S	S	Calm	24.4	54.1	94.3	44.1	216.9	10	Ci.-S.	N.	10	Ci.-S.	N.
13..	SSE	SSE	SE	SW	S	S	23	39.7	70.8	26.2	159.7	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.
14..	S	SSE	Calm	WNW	SSW	S	48.9	15	38.8	25.9	128.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
15..	Calm	S	SW	SW	ESE	Calm	20.7	20.7	55.8	24.7	121.9	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
16..	Calm	Calm	SW	W	Calm	Calm	13.2	35.9	38.1	10.3	97.5	2	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
17..	S	SSW	NW	NNW	E	Calm	13.1	16.4	48	21.9	99.4	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
18..	Calm	E	NNW	NW	NW	Calm	12.1	30.8	62.6	14.7	120.2	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
19..	E	E	S	W	Calm	S	12.9	29	49.3	15.9	107.1	3	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
20..	S	SSE	S	WSW	ESE	E	20.1	37	64.7	25.4	147.2	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
21..	E	E	ESE	NW	ESE	Calm	20.9	30.6	53.3	12.6	117.4	1	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N.
22..	Calm	E	ESE	Calm	E	Calm	19.5	33.8	20.9	10.3	84.5	1	Ci.-S.	Cu.	10	Ci.-S.	N.
23..	Calm	E	NNW	NW	NNW	Calm	15.5	30.6	57.9	9.2	113.2	1	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
24..	ESE	ESE	S	SW	SSW	S	27.1	52.3	77.4	51.2	208	2	Ci.-S.	Cu.	4	Ci.	Cu.-N.
25..	ESE	ESE	S	SW	SW	S	47.7	47.5	72.6	18.8	186.6	10	Ci.-S.	N.	7	Ci.-S.	Cu.-N.
26..	S	S	SW	SW	ESE	ESE	14.2	29.6	45.7	14.3	103.8	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
27..	Calm	ESE	ESE	WSW	E	ESE	9.2	32.	38.8	17.5	97.5	4	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
28..	Calm	Calm	SSW	WSW	Calm	E	10.5	34.8	53.6	16.9	115.8	5	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
29..	Calm	SE	SW	SW	E	E	19.3	27.7	56.5	30.4	133.9	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Cu.-N.
30..	ESE	E	E	SW	Calm	Calm	25.1	24.7	53.9	14	117.7	1	Ci.-S.	Cu.	6	Ci.-S.	Cu.-N.
31..	E	E	ENE	SW	ENE	Calm	19.1	32	70.8	25.7	147.6	2	Ci.-S.	Cu.	5	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	22.1	36.7	58.8	24.6	142.3	4.8	.....	.....	6.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,411	.....	.....	.....	.....	.....	.....

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[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.01	56.99	58.21	56.32	56.69	58.47	57.28	23.2	22.2	27.5	29.3	24.9	23.4	25.1	29.9	22.2	91	98	76	73	83	91	85.3	28.2
2..	57.99	57.99	58.44	56.87	57.13	58.40	57.80	23.1	23	29.5	30.6	26.1	24.7	26.2	31.2	23	92	93	68	65	83	89	81.7	12.4
3..	57.92	56.93	57.59	55.49	56.97	57.37	57.04	24.2	23.6	29.8	29.6	24.1	23.2	25.8	31	23.1	93	95	67	72	91	90	84.7	126.2
4..	56.27	55.42	55.50	53.38	53.36	54.37	54.72	22.7	22.1	29.5	31	28.2	24.4	26.3	31	22.1	92	96	69	65	79	91	82	2.3
5..	53.90	53.01	53.25	50.96	51.21	53.23	52.59	24.3	24	30.3	29.2	28.1	26.6	27.1	32.4	24	92	93	68	76	77	84	81.7	14.7
6..	53.01	53.04	54.89	54.02	54.42	55.20	54.10	25.2	24.4	23.9	26.5	29.2	25.7	25.8	29.2	23	90	95	94	80	74	89	87	138.2
7..	54.96	54.89	55.32	54.33	54.17	55	54.78	24.6	24	30.5	30.8	26.1	24.7	26.8	31	24	88	91	65	68	86	91	81.5	94
8..	54.70	54.84	55.58	54.30	54.31	55.33	54.84	24.4	24	29.1	30.9	29	27.2	27.4	31.1	24	91	93	70	67	73	83	79.5	14.8
9..	54.95	55.02	55.63	54.65	55.03	56	55.21	26.4	26.5	29.9	30.6	29.2	27	28.3	31.3	26.4	84	83	72	69	76	84	78	3
10..	55.74	55.87	56.39	55.21	55.38	56.64	55.87	27	26.8	28	31.6	28.4	25.7	27.9	31.6	25	84	84	79	66	77	86	79.3	86.8
11..	55.98	56.03	56.99	55.19	55.55	57.24	56.16	24.7	24.7	24.9	29.4	27.9	25.3	26.2	30.4	24	89	89	86	70	77	84	82.5	143.7
12..	56.92	56.92	58.12	56.98	57.32	58.60	57.48	24.1	24	24.5	28.6	25.9	24.4	25.2	28.6	24	92	93	89	76	85	91	87.7	48.5
13..	58.02	58.47	59.23	57.79	57.77	58.79	58.34	24.1	24	26.5	28.6	27.1	26	26	28.8	23.9	91	91	82	75	83	85	84.5	34.8
14..	58.21	58.27	59.60	58.31	58.67	59.83	58.82	25.2	24	24.9	25.1	24.2	23.9	24.6	27	23.5	90	93	91	91	95	94	92.3	91.6
15..	58.98	58.94	59.60	57.75	58.25	59.23	58.79	23.2	23.4	28.1	30.2	24.8	23.5	25.5	30.2	23	97	97	70	66	88	94	85.3	10.9
16..	58.29	57.97	59.14	57.59	57.76	59.92	58.44	23.3	22.6	29.1	28.7	27.4	24.3	25.9	30.4	22.5	96	98	71	77	79	82	83.8	9.1
17..	59.03	58.88	59.50	57.60	57.94	59.07	58.67	24.1	22.9	28.7	31.2	27.4	24.6	26.5	31.2	22.9	84	92	71	63	81	92	80.5	28.2
18..	58.62	58.66	59.13	57.29	58.36	60.05	58.68	24.2	23	29.4	31.3	29.2	26.6	27.3	31.7	23	93	98	68	65	74	80	79.7	3
19..	59.60	59.92	59.74	58.54	58.78	59.94	59.42	25.3	24	30.3	31.1	28.8	25.8	27.6	32	23.9	88	91	64	67	72	85	77.8	.....
20..	59.72	58.98	59.08	57.81	57.62	58.62	58.64	24.1	22.8	30	31.5	26.1	24.4	26.5	31.5	22.8	92	98	65	64	83	85	81.2	12.2
21..	57.98	57.08	57.18	56.08	56.34	57.40	57.01	23.3	22	29.3	31.4	29.9	25.2	26.8	31.4	22	90	96	69	65	71	88	79.8	.....
22..	57.68	57.14	57.32	56.22	56.78	58.07	57.20	24	22.9	29.4	31.2	29.3	25.8	27.1	31.2	22.9	91	97	70	64	72	79	78.8	.....
23..	57.50	57.05	57.53	56.31	56.73	58.64	57.29	24.1	22.5	30.1	31	29.3	25.3	27	31.2	22.3	82	92	65	65	74	84	77	.....
24..	58.31	58.22	58.28	57.30	57.79	59.19	58.18	23.5	22.5	29.9	30.9	29.4	26.2	27.1	31.7	22.5	94	97	65	64	71	82	78.8	.....
25..	59.38	59.39	60.05	58.30	58.44	60.04	59.27	24.7	24	29	30.8	29.6	26.1	27.4	32.4	24	87	91	71	69	72	80	78.3	.....
26..	59.94	59.97	59.99	58.83	59.90	61.08	59.95	24.3	23.4	29.5	31.8	25.4	25	26.6	32.1	23.4	89	93	69	64	80	85	80	.....
27..	60.75	59.81	60.03	58.41	59.13	60.49	59.77	24.9	23.2	31.2	32.1	30	24.7	27.7	32.5	23.2	84	97	62	62	74	87	77.7	4.6
28..	59.90	59.28	59.42	57.56	57.73	58.72	58.77	24.1	22.9	29.9	32.1	30.3	26.2	27.6	32.2	22.9	91	96	66	64	73	90	80	.....
29..	57.99	57.99	57.58	54.96	54.84	56.26	56.60	23.9	22	29.9	32.2	30.5	26.2	27.4	32.5	22	92	98	60	57	71	81	76.5	.....
30..	55.96	55.92	56.29	54.03	55	56.50	55.62	24.5	22.9	30.2	31.8	27.5	25.2	27	32.2	22.9	86	94	65	61	76	87	78.2	3
Mean	57.51	57.30	57.82	56.28	56.65	57.92	57.24	24.3	23.5	28.8	30.4	27.8	25.2	26.7	31	23.3	89.8	93.7	71.6	68.3	78.3	86.4	81.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	910.2

Day.	Wind.											Clouds					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	W	SW	Calm	9.2	24.6	52	15.9	101.7	6	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
2..	Calm	Calm	E	SW	E	E	8.3	24.1	63.8	19.3	115.5	10	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
3..	E	Calm	Calm	SW	SE	Calm	14.2	26	56.3	24.9	121.4	6	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
4..	Calm	ESE	Calm	W	W	Calm	12.1	29	56.3	21.4	118.8	2	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
5..	Calm	Calm	WNW	SE	NNE	N	11.8	26.4	40.8	33.2	112.2	3	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
6..	Calm	ESE	W	SE	Calm	SE	10	29	22.3	18.2	79.5	10	Ci.-S.	S.-Cu.	10	Ci.-S.	Fr.-N.
7..	S	SSE	SE	SW	SW	ESE	27.9	48.8	56.3	32.8	165.8	4	Ci.-S.	S.-Cu.	6	Ci.-S.	Cu.-N.
8..	Calm	E	W	WNW	W	Calm	25.5	44.6	72.2	32.4	174.7	9	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N.
9..	SW	W	SW	WSW	WSW	SW	35.7	56	84.7	39.6	216	7	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N. SW
10..	SW	Calm	S	SW	SW	SW	45.7	40	68.4	41.5	195.6	10	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
11..	SSE	S	SE	NNW	SSW	SSW	35.6	51.5	61.4	53.1	201.6	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
12..	SSE	S	N	SW	S	Calm	30.6	22	56.8	29.5	138.9	10	Ci.-S.	N.	10	Ci.-S.	Cu.-N.
13..	Calm	S	SE	SSW	SW	S	18.3	37.5	26.2	20.4	102.4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	Cu.-N.
14..	SSE	S	SSE	SSE	S	Calm	27.1	50.2	30.4	14	121.7	10	Ci.-S.	Cu.-N.	10	Ci.-S.	N. S
15..	Calm	Calm	SW	SW	ESE	Calm	12.9	32.9	56.3	14.7	116.7	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N.
16..	Calm	Calm	Calm	SW	Calm	ESE	8.7	23.3	54.7	31.9	118.6	3	Ci.-S.	S.-Cu.	8	Ci.-S.	Cu.-N.
17..	SSE	Calm	SW	SW	Calm	SE	16.9	28.5	62.8	33.8	142	3	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
18..	Calm	SE	SE	SW	SW	SE	11.3	33.8	68.6	29.6	143.3	3	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.
19..	SE	Calm	SSW	WSW	Calm	Calm	23.1	34	64.2	20.6	141.9	0	Ci.-S.	Cu.	5	Ci.-S.	Cu.-N. SW
20..	Calm	ESE	S	W	Calm	ESE	17.5	32	48.8	23.1	121.4	0	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
21..	ESE	E	SW	W	Calm	Calm	16.7	33.6	47.2	23.1	120.6	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.-N.
22..	SSE	SE	SW	SW	Calm	Calm	19.8	27.4	56.6	12.6	116.4	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
23..	Calm	Calm	WSW	WSW	Calm	E	14.5	33.8	48.6	26.2	123.1	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.-N.
24..	Calm	E	NNE	WSW	Calm	E	13.9	23.9	30.6	20.9	89.3	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
25..	E	Calm	NNE	W	SSW	E	9.4	18	39.2	27.2	93.8	3	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
26..	E	Calm	NE	WSW	ESE	E	19.3	22	67.8	33.6	142.7	3	A.-Cu.	Cu.	2	A.-Cu.	Cu.-N.
27..	E	Calm	S	SW	SW	E	21.4	36.5	60.9	22	140.8	3	Ci.-S.	Cu.	2	Ci.-S.	Cu.
28..	E	E	Calm	W	Calm	Calm	7.2	30.6	44.5	7.5	89.8	0	Ci.-S.	Cu.	2	A.-Cu.	Cu.
29..	Calm	ESE	Calm	WNW	WNW	NW	14	22.2	35.4	23.9	95.5	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
30..	NNW	Calm	NNE	NNE	N	Calm	13.4	32.2	85.8	28.2	159.6	5	Ci.-S.	S.-Cu.	3	Ci.	Cu.
Mean	.....	.....	.....	.....	.....	.....	18.4	32.5	54	25.8	130.7	4.7	.....	.....	5.3	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,921.3	....	.....	.....	....	.....	.....

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	55.41	55.53	56.39	54.02	54.85	56.02	55.37	23.5	23	28.8	31.3	25.5	24.8	26.2	31.4	22.9	94	97	72	59	83	88	82.2	22.1
2..	55.13	54.98	55.16	53.04	53.25	54.62	54.36	25.2	24.1	26.7	27.9	26.3	25.3	25.9	29.1	24	85	92	82	77	82	88	84.3	41.9
3..	53.98	53.47	54	52.41	52.67	53.85	53.40	24.5	25	27.4	29.1	27	26	26.5	29.4	24.3	89	85	77	69	81	82	80.5	28.7
4..	53.81	54.01	55.29	54.55	55.72	57.11	55.08	26	25.8	28.1	29.3	26	24.8	26.7	29.3	24.3	82	82	72	70	84	92	80.3	7.9
5..	57.06	57.36	58.98	57.51	58.06	59.10	58.01	24	23.4	25.5	29.1	27.2	25.4	25.8	29.4	23.4	91	95	81	68	78	87	83.3	3.3
6..	58.45	59.04	59.97	58.89	58.47	59.36	59.03	24.3	23	28.5	25.8	26	24.7	25.4	29.4	23	89	93	71	85	87	91	86	27.1
7..	59.02	59.02	59.64	57.62	58.42	59.42	58.86	24	22.7	29	30.1	26.3	23.4	25.9	30.1	22.5	91	97	75	69	82	91	84.2	.....
8..	58.99	58.80	59.49	58.01	58.03	59.17	58.75	22	21.2	29.5	31.3	28.5	24.6	26.2	31.3	21.1	98	99	65	65	77	88	82	.....
9..	58.98	59.10	59.82	57.52	57.95	59.80	58.86	23.1	22	28.9	33.2	28.9	25.5	26.9	33.2	22	94	98	71	58	75	85	80.2	.....
10..	59.05	58.97	59.28	57.28	57.25	59.21	58.51	24.2	23	30	32.3	27.7	23.5	26.8	32.6	22.2	86	94	61	53	75	89	76.3	.....
11..	59.13	58.93	59.82	57.93	57.89	59.05	58.79	22.8	22.5	26.4	28.7	26.1	24.7	25.2	28.9	21.9	94	97	73	64	71	82	80.2	.....
12..	58.93	58.95	59.67	57.51	58.28	59.88	58.87	23.5	21.6	30.6	32.4	26.2	23.9	26.4	33.1	21.6	89	99	58	60	78	86	78.3	.....
13..	59.43	59.17	59.30	57.33	58.03	59.13	58.73	22.9	22.9	29.1	29.2	25.2	23.4	25.4	30.2	22.6	92	92	64	61	76	86	78.5	.....
14..	58.41	58.42	59.23	56.65	57.07	57.96	57.96	22.3	21.6	27.6	30	25.1	24.3	25.2	30.1	21.5	94	98	66	59	80	84	80.2	11.5
15..	56.92	56.24	55.93	52.88	52.48	52.32	54.46	23.2	22.5	25.7	25.6	25	25	24.5	26.8	22.5	93	96	80	87	87	87	88.3	16.6
16..	50.24	48.69	50.63	50.93	51.75	53.86	51.02	25.3	26.3	32.8	31.8	29.8	28	29	34.1	25	84	77	55	61	74	63	69	.....
17..	53.67	54.04	54.96	53.12	53.02	54.07	53.81	27.4	24.3	28.2	27.5	25	25.2	26.3	29.6	23.9	66	86	69	81	83	82	77.8	7.6
18..	54.03	54.24	54.95	53.60	54.45	55.92	54.53	23.8	23.4	30.1	30.3	27.4	24.4	26	31.2	23.3	91	95	68	68	83	91	82.7	6.6
19..	55.28	55.47	57.04	54.98	55.88	57	55.94	23.9	23	28.5	31.2	28	25.8	26.7	31.3	23	92	97	77	67	85	90	84.7	.....
20..	57	57.29	58.60	57.04	57.33	58.65	57.65	24.3	23.8	29.4	30.3	28	24.8	26.8	31.1	23.7	91	93	74	71	80	92	83.5	.....
21..	58.43	58.58	58.29	55.90	56.09	57.03	57.39	23	21	30	33	26.3	25.1	26.4	33.2	21	95	99	60	53	76	86	78.2	8.7
22..	56.02	55.24	53.65	50.88	49.74	48.95	52.41	23.9	23	28.1	29.5	25.3	24.2	25.7	30.2	23	91	97	72	68	84	90	83.7	81.6
23..	48.61	51.39	54.52	54.78	55.14	56.51	53.49	24	23.8	26.9	25.7	24.3	23.5	24.7	28.4	23.4	91	91	75	75	87	92	85.2	32.7
24..	56.21	56.48	57.99	57.03	57.02	57.79	57.09	24.1	24.8	28	23.7	24	24.3	24.8	29	23.5	87	83	70	91	91	87	84.8	147.9
25..	57.08	57.22	58.02	56.16	57.17	58.46	57.35	22.3	22	24.3	26.1	25.4	22.6	23.8	27.1	21.8	97	98	84	76	85	89	88.2	51.9
26..	58.60	59.14	60.71	59.38	59.98	61.16	59.83	21.3	20	27.8	29.6	27.9	25	25.3	29.6	20	95	98	71	70	79	90	83.8	.....
27..	61.05	61.21	62.73	60.56	61.03	62.26	61.47	23.8	22.4	30.3	34	30	24.5	27.5	34.1	22.4	91	96	66	54	66	89	77	.....
28..	61.10	61.31	62.42	60.11	60.84	61.99	61.30	24.7	21.8	30.5	33.3	29.9	24	27.4	33.9	21.5	79	93	58	49	72	90	73.5	.....
29..	61.95	61.16	61.09	58.46	58.88	59.92	60.24	21.8	20.3	29.9	33.1	28	23.9	26.2	33.1	20.3	93	93	67	57	83	86	79.8	.....
30..	59.97	60.02	60.52	58.74	58.95	60.01	59.70	21.8	20.8	28.5	31	27.2	24.4	25.6	31	20.6	93	96	68	64	87	88	82.7	.....
31..	59.72	59.90	60.70	58.70	59.54	60.39	59.82	22.5	21.7	29.9	31.8	28.5	25.6	26.7	32.1	21.7	89	94	65	65	77	87	79.5	.....
Mean	57.15	57.21	58.03	56.24	56.62	57.74	57.16	23.7	22.8	28.5	29.9	26.8	24.7	26.1	30.8	22.5	89.9	93.5	69.9	66.9	80.3	87	81.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	496.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	ENE	N	N	N	N	16.4	37	76.6	34.3	164.3	7	Ci.-S.	S.-Cu.	4	Ci.-S.	Cu.-N.
2..	NNW	N	N	N	N	NNW	42	46.7	75	46.1	209.8	4	Ci.-S.	Cu.-N.	6	Ci.-S.	Cu.-N.
3..	NNW	NNW	NNW	NW	NW	NW	49.4	83.7	84.2	52.9	270.2	10	Ci.-S.	Fr.-N. N	10	Ci.-S.	Cu.-N.NNW
4..	WNW	WNW	W	WSW	Calm	SE	46.5	53.9	52.9	18.5	171.8	10	Ci.-S.	Fr.-N.WNW	10	Ci.-S.	Cu.-N.
5..	SE	ESE	SE	SW	SW	SSW	26.9	57.1	56.8	25.1	165.9	10	Ci.-S.	Cu.-N.	10	Ci.-S.	Cu.-N.
6..	Calm	SSE	SSW	NW	Calm	E	18.5	36.2	25.4	16.1	96.2	7	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
7..	Calm	Calm	WNW	NNW	NNW	Calm	11	29.6	55.2	6.9	102.7	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
8..	E	Calm	SW	NNW	W	E	8.7	27.4	34.1	13.1	83.3	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
9..	Calm	Calm	NNE	NW	NE	Calm	5.9	16.1	42.8	15.1	79.9	0	Ci.-S.	Cu.	0	.....	Cu.
10..	NNE	Calm	N	N	N	Calm	7	42.8	51.2	19.6	120.6	9	Ci.-S.	S.-Cu.	1	Ci.-S.	Cu.
11..	NNE	Calm	N	NE	NE	NE	14.5	64.4	90.1	37	206	9	Ci.-S.	S.-Cu.	9	Ci.-S. NE	Cu.-N.
12..	N	Calm	N	NNE	NNE	NE	10.2	20.4	68.6	32.5	131.7	6	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.
13..	N	Calm	N	N	N	NNE	39.6	50.9	83.4	53.7	227.6	9	Ci.-S.	Cu.	10	Ci.-S. NE	Cu.-N.
14..	NNE	NNE	NNE	NNE	NNE	NE	40	70.6	70.3	37.5	218.4	4	Ci.-S.	Cu.	3	Ci.-S.	Cu.
15..	NE	Calm	N	N	N	N	18.3	75	108.6	87.5	289.4	10	Ci.-S.	Fr.-N.	10	Ci.-S.	N. N
16..	N	NNW	NE	WSW	Calm	NE	62.2	74.8	44.8	34.4	216.2	10	Ci.-S.	S.-Cu.	3	Ci.	Cu.
17..	E	E	ENE	Calm	NE	NE	31.4	42.3	35.7	28.5	137.9	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N.
18..	NE	ENE	SSW	W	Calm	Calm	14.8	19.1	28.4	16.9	79.2	10	Ci.-S.	S.-Cu.	9	Ci.-S.	Cu.-N.
19..	E	Calm	SSW	NW	SW	Calm	10.3	16.9	32.5	8.3	68	4	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
20..	Calm	SSW	Calm	NNW	NNW	Calm	10.3	27.7	38.8	15	91.8	3	Ci.-S.	S.-Cu.	7	Ci.-S.	Cu.-N.
21..	Calm	Calm	NE	N	N	N	11	22.2	56.8	40.2	130.2	1	Ci.-S.	Cu.	2	Ci.-S.	Cu.
22..	Calm	Calm	N	NNE	NNW	NW	18.2	65	96.6	124.7	304.5	10	Ci.-S.	Fr.-N.	7	Ci.-S.	Cu.-N. NE
23..	SW	S	SSW	SSW	SSE	S	134.4	106.2	103	42.1	385.7	10	Ci.-S.	N. SSW	10	Ci.-S.	N. S
24..	SSW	SSW	SSW	SSW	S	S	61.4	118.6	78.1	47.5	305.6	10	Ci.-S.	S.-Cu.	10	Ci.-S.	N. SW
25..	S	S	S	S	Calm	Calm	56.3	88.5	61.8	9.1	215.7	10	Ci.-S.	N.	10	Ci.-S.	Fr.-N.SSW
26..	Calm	S	NW	W	Calm	Calm	18	23.8	31.6	7	80.4	3	Ci.-S.	Cu.	2	Ci.-S.	Cu.
27..	Calm	Calm	NW	ENE	NNE	Calm	12.3	23.1	39.1	11.6	86.1	2	Ci.-S.	Cu.	0	Ci.-S.	Cu.
28.	SE	Calm	SE	E	NE	Calm	24.9	24.1	33.6	13.1	95.7	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
29..	Calm	Calm	Calm	W	SW	Calm	4	13.5	37.6	9.2	64.3	0	.....	Cu.	0	.....	Cu.
30..	Calm	SSW	Calm	WNW	Calm	Calm	19.3	30.6	40.2	6.9	97	0	.....	Cu.	0	.....	Cu.
31..	Calm	Calm	Calm	WSW	SW	Calm	13.4	19.9	44.6	7.5	85.4	0	.....	Cu.	0	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	27.6	46.1	57.4	29.6	160.7	5.7	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,981.5	.....	.....	.....	.....	.....	.....

LAOAG.[a]

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	60.10	60.20	60.79	58.66	58.85	59.92	59.75	23.3	22.2	30.1	31.3	27.8	24.2	26.5	31.6	22.1	96	98	67	63	84	90	83	.....
2..	59.85	59.96	60.53	58.34	58.71	59.97	59.56	22.1	20.3	28.7	31	27.3	23.3	25.4	31.1	20.3	90	93	67	62	82	80	79	.....
3..	59.95	60.38	61.12	58.28	57.98	60	59.62	22	20.4	28.3	31.5	29	24.1	25.9	32.1	20.4	82	92	71	62	76	84	77.8	.....
4..	59.99	60.16	60.53	58.26	58.38	59.99	59.55	20.5	18.3	29.2	31.4	27.6	22.8	25	31.4	18.3	91	99	63	54	73	84	77.3	.....
5..	59.98	60.14	60.86	58.71	59.18	60.33	59.87	20.4	18.5	28.8	31.1	27.1	23.9	25	31.1	18.5	92	99	63	60	83	82	79.8	.....
6..	60.27	60.19	60.75	58.59	58.64	60.23	59.78	21.9	20.9	30.1	31.1	28	24.5	26.1	31.2	20.9	92	97	65	70	82	86	82	.....
7..	60.34	60.92	61.35	59	59.10	60.87	60.26	23.1	21.9	29.3	32.2	28.6	22.5	26.3	32.7	20.9	87	92	69	55	76	89	78	.....
8..	60.87	60.87	61.44	59.11	59.72	60.50	60.42	19	18.1	31.1	32.7	28.9	26	26	33.4	18	92	99	56	53	58	75	72.2	.....
9..	60.91	61	62.10	59.71	59.89	61.14	60.79	23.2	21.1	30.2	31.8	27.9	23.1	26.2	31.9	21.1	88	99	59	64	75	80	77.5	.....
10..	61.45	62.22	63.12	60.68	60.94	62.10	61.75	20	18	30.1	32.2	26.6	21.7	24.8	32.8	18	91	98	53	51	72	94	76.5	.....
11..	62.03	62.08	62.57	60.07	60.94	62.09	61.63	20.5	20.2	30.5	32.6	27.9	27	26.4	33.1	19.5	97	98	54	48	63	65	70.8	.....
12..	62.02	62.12	62.15	59.60	59.87	61.51	61.21	20.1	17.7	29.3	33.3	28.9	21.9	25.2	33.3	17.4	77	91	57	48	67	88	71.3	.....
13..	61.58	61.61	62.18	60	60.28	62.10	61.29	20.4	18.9	30.7	34.2	29.3	23	26.1	34.2	18.7	91	93	62	55	73	86	76.7	.....
14..	62.03	62.08	62.36	60.24	61.12	62.04	61.64	20.2	20	27.1	32.2	28.3	26	25.6	32.6	19.9	94	94	76	64	64	76	78	.....
15..	62.05	62.28	62.37	59.57	59.84	61.55	61.28	24.9	25	31.1	33.4	29.2	24.7	28	33.4	22.3	84	82	54	50	63	84	69.5	.....
16..	61.04	61.57	61.92	59.05	59.77	61.15	60.75	23.1	23	31.2	33	27.9	21.9	26.7	33.4	19.3	90	91	56	56	74	83	75	.....
17..	61.03	61.22	61.93	59.72	59.83	60.83	60.76	17.6	17.4	29.7	31.6	27.1	21.5	24.2	31.6	17.3	90	92	59	59	78	87	77.5	.....
18..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19..	60.95	61.36	61.48	59.78	59.99	61.93	60.92	18.5	17.5	27.8	30.5	26.5	21.1	23.6	30.9	17.2	96	93	52	48	70	92	75.2	.....
20..	61.06	61.97	62.43	60.03	60.06	61.14	61.12	19.6	19.3	26.9	31.2	26.4	22.7	24.4	31.3	18.7	98	96	57	52	64	82	74.8	.....
21..	60.87	60.95	61.21	59.12	59.98	60.99	60.52	20.1	19	27.9	30.8	26.8	25.1	25	30.9	18.7	97	92	57	54	67	73	73.3	.....
22..	60.81	61.02	61.73	59.24	60.19	61	60.66	23.1	22	28.7	31	27	23.9	26	31.1	21.8	81	87	54	48	63	77	68.3	.....
23..	60.35	60.80	60.78	58.87	60.09	61.30	60.36	21	19.7	27.7	31.2	26.1	23.4	24.8	31.4	19.3	92	99	56	51	67	77	73.7	.....
24..	60.71	60.78	60.83	58.32	59.82	60.77	60.20	23	20.8	28.9	33	29.4	24	26.5	33	20.2	78	93	52	43	53	74	65.5	.....
25..	60.22	60.24	60.98	59.13	59.88	60.92	60.23	20.9	19.5	29.9	31	27.8	23.6	25.4	31.3	19.5	91	99	52	52	65	80	73.2	.....
26..	60.35	60.90	61.47	59.13	60.10	61.71	60.61	21.9	20.2	26.9	31.4	27.8	24	25.4	31.5	20	84	97	56	50	62	77	71	0.8
27..	61.26	61.86	62.14	59.99	60.95	61.96	61.36	22.2	21.9	27.9	29.8	26.9	23.2	25.3	30.2	21.6	86	78	55	54	62	81	69.3	.....
28..	61.43	61.50	61.96	59.96	60.39	61.50	61.12	21.1	19.3	27	31.2	25.6	23.9	24.7	31.8	18.9	91	100	56	51	67	74	73.2	.....
29..	61.08	61.87	62.17	59.80	60.88	61.98	61.30	21.9	19.9	28.7	33.9	28.5	24.5	26.2	34.3	19.9	89	99	51	43	53	73	68	.....
30..	61.88	61.70	61.99	59.96	60.55	62	61.35	23.9	22.8	29.9	33.7	30	24.2	27.4	34	21.2	73	81	46	37	54	71	60.3	.....
Mean	60.91	61.17	61.63	59.34	59.86	61.16	60.68	21.4	20.1	29.1	31.9	27.8	23.6	25.7	32.2	19.7	89	93.8	58.4	53.7	68.6	80.8	74.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SSE	S	S	NW	Calm	E	22.3	25.2	40.7	14	102.2	0	.....	Cu.	0	.....	Cu.
2..	ENE	E	ENE	NNW	Calm	Calm	22.5	30.6	37.8	6.7	97.6	0	.....	Cu.	0	.....	Cu.
3..	Calm	ENE	Calm	NNW	NNW	E	22.5	22.7	27.2	11.5	83.9	0	.....	Cu.	0	.....	Cu.
4..	ENE	E	S	NNW	W	S	11.6	20.9	35.7	25.2	93.4	0	.....	Cu.	0	.....	Cu.
5..	SSE	S	SSW	NNW	Calm	Calm	27.4	27.6	34.1	8.9	98	0	.....	Cu.	0	Ci.-S.	Cu.
6..	E	E	Calm	NNW	Calm	ESE	18	24.3	31.4	8.3	82	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
7..	E	E	Calm	NNW	Calm	SE	18.2	23.9	32.4	6.4	80.9	0	.....	Cu.	0	.....	Cu.
8..	ESE	Calm	E	NW	S	Calm	7	15.5	40	15	77.5	0	.....	Cu.	0	.....	Cu.
9..	S	S	NNW	NNW	NNW	Calm	18.3	23.1	35.4	15	91.8	0	.....	Cu.	2	Ci.-S.	Cu.
10..	Calm	Calm	NNE	NE	NE	Calm	11	35.2	66.2	19.6	132	0	Ci.-S.	Cu.	2	Ci.-S.	Cu.
11..	NE	NE	NE	ENE	E	E	27.1	28.8	85.3	40.5	181.7	0	.....	Cu.	0	.....	Cu.
12..	E	Calm	Calm	ENE	ENE	E	11	24.1	57.7	14.7	107.5	0	.....	Cu.	0	.....	Cu.
13..	Calm	Calm	Calm	ENE	E	E	8.3	9.4	46.7	14.5	78.9	0	.....	Cu.	0	Ci.-S.	Cu.
14..	E	Calm	Calm	NNE	NNE	NNE	10.2	21.9	59.3	49.4	140.8	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
15..	NNE	NNE	ENE	NE	E	Calm	36.2	86.9	94.1	35.4	252.6	3	Ci.-S.	Cu.	3	Ci.-S.	Cu.
16..	NNE	NE	NE	NNE	Calm	Calm	24.1	45.9	28.4	8.5	106.9	0	.....	Cu.	0	.....	Cu.
17..	Calm	Calm	SW	W	Calm	Calm	15.3	21.9	27.1	2.7	67	0	.....	Cu.	0	.....	Cu.
18..	.....	.....	.....	.....	.....	.....	10.8	[b]2.9	.....	[c]9.7	.....	.....	.....	.....	.....	.....	.....
19..	NE	Calm	ENE	NNW	Calm	Calm	15.8	29.3	33.5	4.8	83.4	0	.....	Cu.	0	.....	Cu.
20..	Calm	Calm	NE	NNE	NNE	Calm	11	15.1	38.1	17.2	81.4	0	Ci.-S.	S.-Cu.	7	Ci.-S. NE	Cu.-N.
21..	NE	Calm	Calm	WNW	NNW	Calm	13.1	28.2	46.7	8.2	96.2	0	.....	Cu.	7	Ci.-S. NW	Cu.-N.
22..	ENE	E	NE	NNE	NNE	N	11.1	29	48	16.1	104.2	2	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.-N.
23..	Calm	Calm	NNE	N	N	NW	7.4	17.1	54.1	50.5	129.1	8	A.-Cu.	S.-Cu.	2	Ci.-S.	Cu.-N.
24..	NNW	NNW	ENE	E	ENE	Calm	29	22.5	46.7	13.5	111.7	1	Ci.-S.	Cu.	1	Ci.-S.	Cu.
25..	E	ENE	SW	W	Calm	Calm	7.4	38.6	40.8	5.1	91.9	1	Ci.-S.	Cu.	4	Ci.-S.	Cu.-N.
26..	NNE	NE	S	W	WSW	W	15.8	33.2	57.9	9.7	116.6	4	Ci.-S.	S.-Cu.	2	Ci.-S.	Cu.-N.
27..	W	WSW	SW	NNW	N	Calm	12.7	25.2	47.3	10.5	95.7	1	Ci.-S.	S.-Cu.	4	Ci.-S. NW	Cu.-N.
28..	Calm	Calm	Calm	N	N	Calm	4.3	20.6	74	47.5	146.4	0	Ci.-S.	Cu.	1	Ci.-S.	Cu.
29..	Calm	ENE	ENE	E	NE	NE	11.9	16.3	56.1	20.3	104.6	0	.....	Cu.	1	Ci.-S. NE	Cu.-N.
30..	NNE	Calm	N	ESE	Calm	Calm	11.6	18.2	54.1	9.7	93.6	1	Ci.-S.	S.-Cu.	0	.....	Cu.
Mean	.....	.....	.....	.....	.....	.....	15.8	26.1	47.5	17.3	107.9	0.8	.....	.....	1.4	.....	.....

[a] 29 days of observation. [b] 5 hours missing. [c] 2 hours missing.

LAOAG.

[ϕ=18° 12′ N; λ=120° 35′ E; barometer above sea, 10 meters; gravity correction not applied, —1.58 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*P. ct.*	*mm.*
1..	61.97	61.98	62	59.97	60	61.97	61.32	20	18.4	26.9	32	29.1	22.3	24.8	32	17.9	98	96	55	43	57	88	72.8	.....
2..	61.95	62.07	62.95	59.98	60.90	62.20	61.68	19.5	17.7	25	27.1	22.8	18.7	21.8	27.1	17.2	95	93	68	61	87	98	83.7	.....
3..	62.02	62.04	62.22	59.68	59.93	61.27	61.19	18.1	18	29.6	32.4	26.5	21.8	24.4	32.4	17.9	96	97	36	27	48	67	61.8	.....
4..	60.89	61.88	62.10	59.76	59.99	61.01	60.94	18.7	15.1	27	31.1	26	22	23.3	31.1	15	83	99	43	31	54	73	63.8	.....
5..	61.41	61.73	61.95	59.64	59.94	61.86	61.09	21.3	20.1	31.5	35.3	32	25	27.5	35.3	20	79	88	42	37	39	72	59.5	.....
6..	61.77	62.19	63.48	60.64	60.50	61.95	61.76	22.9	21	31.3	34	30	24.1	27.2	34.4	21	79	88	44	43	56	75	64.2	.....
7..	62.05	62.88	63.13	60.99	60.99	61.95	62	21.3	19.1	29.8	32.9	29.9	22.1	25.8	33.2	19	93	95	46	44	53	86	69.5	.....
8..	61.96	62	63.20	61.03	61.85	62.96	62.17	19.8	18	29	33	29.8	24	25.6	33.6	17.7	94	98	48	42	50	74	67.7	.....
9..	61.58	61.84	62.21	59.13	59.60	61.07	60.90	21.9	17.8	28.5	31.4	26.6	21.1	24.6	31.5	17.8	83	94	67	50	72	83	74.8	.....
10..	60.98	61.42	61.33	59.59	60.30	61	60.77	19.1	18.3	29.4	30.8	27.5	23.4	24.8	31.1	18.3	91	97	57	58	73	90	77.7	.....
11..	60.65	60.78	61.45	58.85	59.84	60.30	60.31	21.3	20.7	29.1	30.5	26.4	22.3	25	31.3	20.1	90	94	60	57	76	85	77	.....
12..	60	60.47	61.35	58.67	59.52	60.52	60.09	19.2	18.3	28.8	30.6	26.2	21.4	24.1	30.7	17.7	92	99	53	53	75	89	76.8	.....
13..	60.14	60.22	61.08	58.68	59.13	60.47	59.95	17.2	15.8	28.1	31.6	25.5	20.6	23.1	32	15.8	98	100	60	47	74	87	77.7	.....
14..	60.57	60.71	61.08	58.84	58.96	59.97	60.02	19.4	17.5	27.8	31	26.6	21.9	24	31.1	17.5	92	97	63	48	72	81	75.5	.....
15..	60.14	60.42	61.11	58.92	59.17	60.21	60	20.8	19.5	28.6	32.4	29	25.3	25.9	32.5	19.4	87	95	64	48	67	74	72.5	.....
16..	60.08	60.26	61.65	59.97	60.32	61.43	60.62	22.5	20.7	31	31.8	27.5	23.4	26.2	32	20.7	87	95	55	53	73	78	73.5	.....
17..	61.47	61.61	62.24	60.03	60.25	61.22	61.14	21.6	19.8	28.7	30.9	26.5	23.4	25.2	31.1	19.5	86	92	70	61	83	83	79.2	.....
18..	61.46	61.74	61.96	59.79	60.23	61.42	61.10	20.8	19.1	28.3	30.2	26.9	21.6	24.5	31.4	19	89	91	62	62	75	84	77.2	.....
19..	61.99	62.21	62.83	60.36	61.05	62.08	61.75	19.5	17.7	28.5	31.9	26.1	21.2	24.2	31.9	17.5	95	97	62	50	73	84	76.8	.....
20..	62.01	62.13	63.09	59.97	60.20	61.23	61.44	18.4	17	27.9	31.5	27.2	24.3	24.4	31.9	17	92	98	63	51	75	82	76.8	.....
21..	61.08	61.19	61.68	59.45	59.52	60.50	60.57	19.3	16.9	27.8	31.4	26	21.5	23.8	32.1	16.9	87	99	63	53	81	90	78.8	.....
22..	60.41	61.06	61.45	59.02	59.55	60.50	60.33	19.9	17.9	26.6	30.3	26.5	21.7	23.8	31	17.6	91	97	67	57	79	83	79	.....
23..	60.25	60.26	61.53	58.58	58.92	60	59.92	19.6	18	27	32.7	25.6	19.5	23.7	32.9	17.6	94	98	65	47	71	84	76.5	.....
24..	59.87	60.01	60.74	57.87	58.66	59.90	59.51	14.9	14	27.8	32.5	25.6	20.2	22.5	33.1	14	90	100	62	51	75	80	76.3	.....
25..	59.53	59.10	59.79	56.73	57.15	57.83	58.36	18.4	17.9	30.6	32.4	25.5	24.4	24.9	32.5	17.9	90	91	65	59	78	83	77.7	.....
26..	57.02	56.89	57.26	55.14	55.82	57.41	56.59	23.1	24.2	33.7	35.8	28.7	26.5	28.7	35.9	22.9	92	85	50	46	73	80	71	.....
27..	57.49	57.92	59.46	57.23	58.29	59.80	58.36	23.6	21.9	28.6	32.7	28.6	24.8	26.7	32.7	21.9	88	92	76	60	72	79	77.8	.....
28..	59.99	60.36	62.01	59.74	60.21	61.39	60.62	21.7	22.8	28.5	29.6	25.2	24.7	25.4	30.2	20.6	94	84	63	58	76	79	75.7	.....
29..	60.93	61.02	61.88	59.86	60.19	61.14	60.84	25	24.4	29.3	30.8	26.9	25.3	27	31	24.1	77	80	59	58	73	81	71.3	.....
30..	61	61.12	62.58	60.08	60.28	61.46	61.09	25.3	24	29.5	30.2	27.1	23.2	26.6	31.1	21.2	81	91	63	59	72	81	74.5	.....
31..	61.03	61.53	62.43	59.26	59.68	61.28	60.87	21.5	20.5	30.3	33.8	29.3	25.1	26.8	33.9	20.4	92	97	62	46	65	81	73.8	.....
Mean	60.76	61	61.72	59.27	59.71	60.88	60.56	20.5	19.1	28 9	31.8	27.2	22.8	25	32.1	18.7	89.5	94.1	58.5	50.3	69.3	81.7	73.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	Calm	Calm	NW	N	Calm	5.9	18.8	34.1	6.7	65.5	0	.....	.....	0	.....	Cu.
2..	Calm	N	Calm	WSW	NW	NW	8.9	17.9	32.2	6.1	65.1	0	.....	.....	0	.....	Cu.
3..	Calm	NW	N	ENE	N	Calm	6.4	29.3	58.4	25.2	119.3	0	Ci.-S.	Cu.	1	Ci.-S.	NE Cu.
4..	Calm	Calm	Calm	NW	NW	NW	7.2	15.3	29.8	17.2	69.5	2	Ci.-S.	.....	5	Ci.-S.	Cu.
5..	NNE	E	N	NNW	E	Calm	11.5	22.7	46.5	11.5	92.2	2	Ci.-S.	.....	0	Ci.-S.	Cu.
6..	Calm	Calm	Calm	N	Calm	Calm	6.7	24.7	46.1	17.1	94.6	0	Ci.-S.	.....	0	Ci.-S.	Cu.
7..	Calm	NE	NE	NW	Calm	N	16.1	20.6	41	10.8	88.5	0	Ci.-S.	.....	0	Ci.-S.	.....
8..	NE	Calm	Calm	NW	Calm	Calm	14.8	18	48	25.1	105.9	0	Ci.-S.	.....	0	Ci.-S.	Cu.
9..	Calm	ESE	SE	NW	SSW	S	21.9	29.6	33.8	13.9	99.2	0	.....	Cu.	0	Ci.-S.	Cu.
10..	SE	SSE	Calm	WSW	WSW	Calm	21.4	38.8	43.5	6.7	110.4	0	.....	.....	0	Ci.-S.	Cu.
11..	Calm	SE	Calm	N	NNW	E	22	26.8	44.3	13.4	106.5	0	.....	Cu.	1	Ci.-S.	Cu.
12..	Calm	Calm	E	NNW	NNW	Calm	19.9	26.6	33.3	18.7	98.5	0	.....	Cu.	0	.....	Cu.
13..	E	E	Calm	W	Calm	Calm	19.8	17.5	34.3	16.1	87.7	0	.....	.....	0	Ci.-S.	Cu.
14..	ESE	E	Calm	W	Calm	ESE	25.5	24.6	27.4	7.4	84.9	0	.....	Cu.	0	Ci.-S.	Cu.
15..	SE	ESE	S	NW	NNW	Calm	22.8	22.5	27.6	12.4	85.3	0	.....	Cu.	0	Ci.-S.	Cu.
16..	Calm	SSE	Calm	NW	N	Calm	11.8	20.7	43.1	6.7	82.3	0	.....	Cu.	3	Ci.-S.	Cu.
17..	ENE	Calm	NNW	NNW	Calm	Calm	20.3	26.4	36.4	14.8	97.9	0	.....	Cu.	0	Ci.-S.	Cu.
18..	E	SE	SE	NNW	W	SE	21.7	23	37.6	10.3	92.6	0	.....	Cu.	5	Ci.-S.	Cu.
19..	SE	Calm	NNW	NNW	Calm	E	19.1	22.2	32.5	15.8	89.6	0	Ci.-S.	Cu.	0	Ci.-S.	Cu.
20..	Calm	Calm	Calm	NNW	Calm	E	21.5	23	32	21.4	97.9	0	.....	Cu.	2	Ci.-S.	Cu.
21..	Calm	E	Calm	NNW	Calm	ESE	9.5	13.9	30.3	15.6	69.3	0	Ci.-S.	Cu.	3	Ci.-S.	Cu.
22..	E	E	E	NW	Calm	E	30.3	25.2	33	14.5	103	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
23..	E	Calm	Calm	Calm	NNE	Calm	22	18.5	28.7	17.7	86.9	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
24..	ENE	E	NE	Calm	NE	E	14.8	21.4	39.1	18	93.3	0	.....	Cu.	3	Ci.-S.	Cu.
25..	Calm	E	NNE	NNE	NNE	N	11.6	44.8	78.9	35.4	170.7	0	.....	Cu.	3	Ci.-S.	Cu.
26..	Calm	Calm	E	ENE	Calm	NE	29.6	47.7	48.9	22.7	148.9	1	Ci.-S.	Cu.	3	Ci.-S.	Cu.
27..	Calm	Calm	Calm	WNW	Calm	Calm	5.1	19	33	7.5	64.6	4	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.-N.
28..	Calm	NNE	NNE	NNE	N	NNE	18.2	78.7	92.2	43.1	232.2	3	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
29..	NNE	NNE	NNE	NNE	NNE	NNE	43.5	82.1	81	43.5	250.1	1	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
30..	N	NNE	NNE	NNE	NE	Calm	47.8	64.4	61.7	14	187.9	3	Ci.-S.	S.-Cu.	5	Ci.-S.	Cu.
31..	Calm	Calm	NE	E	S	S	4.5	29.3	57.9	15.8	107.5	6	Ci.-S.	S.-Cu.	3	Ci.-S.	Cu.
Mean	.....	.....	.....	.....	.....	.....	18.1	29.5	43.4	16.9	108	0.8	.....	.....	1.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,347.8	....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

JANUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	62.61	62.45	63.43	61.54	62.04	62.99	62.51	19	18.5	20.6	22.6	21.4	21	20.5	23.9	17.8	88	91	90	85	87	89	88.3	4.8
2..	62.89	63.36	64.88	63.22	63.64	65.06	63.84	20.2	20	21	21	20.5	19	20.3	23.2	18.3	93	94	78	83	86	95	88.2	13.7
3..	63.89	64.59	65.93	63.83	63.54	64.81	64.43	18.6	18	19.1	20.5	20	19	19.2	21.1	17.6	94	92	89	86	81	90	88.7	7.2
4..	64.04	63.90	65.05	62.82	63.37	65.23	64.07	18.8	19	21.5	22.4	21	20.8	20.6	23.2	18.3	92	91	81	79	82	83	84.7	.3
5..	64.06	63.76	65.01	63.02	63.28	64.74	63.98	20.5	20.5	22.8	22.4	21	20.7	21.3	23.7	19.8	84	82	75	75	77	79	78.7	.....
6..	63.56	63.98	65.74	63.58	64.15	65.42	64.40	20.4	19.8	20.7	22.1	21	20.2	20.7	23.7	18.5	82	88	86	77	86	89	84.7	16.2
7..	64.08	64.56	66.62	65.14	66.17	68.12	65.78	19.6	19	20.4	19	18	18.1	19	20.9	17.6	89	90	79	88	90	84	86.7	7.4
8..	67.07	67.24	68.93	66.99	67.32	68.75	67.72	18	18	17.1	18.1	18	18.1	17.9	19.2	16.3	80	76	85	77	75	74	77.8	5.9
9..	67.19	67.03	68.26	65.82	65.59	67.01	66.82	17.9	16.5	19	20.8	18.6	18.1	18.5	21.2	16.2	74	84	73	70	75	79	75.8	4.6
10..	65.81	65.07	66.12	63.95	64.41	65.76	65.19	18	17.1	20	22.9	19.5	18.5	19.3	24	16.3	80	87	81	70	84	90	82	.....
11..	64.46	64.31	65.50	63.51	63.62	64.93	64.39	18.2	17.6	22	23.2	22	21.4	20.7	24.5	17	92	94	77	70	79	83	82.5	.....
12..	63.98	63.25	64.45	62.16	62.82	63.73	63.40	21	20	23.4	23.8	21.2	21.3	21.8	26.5	19.3	85	92	80	80	89	88	85.7	1.5
13..	62.19	62.37	63.92	62.35	63.05	64.79	63.11	21.1	20.8	21	22	20.8	20	21	22.8	19.4	90	93	95	82	93	96	91.5	12.2
14..	64.29	64.66	66.18	64.23	64.79	66.19	65.06	19.4	19.8	19.1	19.5	18.9	18.1	19.1	20.6	17.8	92	83	92	86	85	89	87.8	8.2
15..	65.86	65.55	66.64	64.34	64.51	65.41	65.38	18	18	19.3	21.1	20.4	20	19.5	22	17.3	86	80	75	72	74	78	77.5	.3
16..	64.39	64.55	65.52	63.08	63.72	64.79	64.34	20.1	18.5	22.6	23.3	21	20.8	21	25	18	77	89	67	69	77	76	75.8	.....
17..	63.71	63.86	64.54	62.15	62.34	63.43	63.34	20.2	20.2	22.3	22.7	21	20.3	21.1	23.8	18.2	81	80	72	69	73	79	75.7	.....
18..	61.91	62.09	63.33	61.11	61.54	62.72	62.12	19.2	18.1	23.5	25.4	22.1	21.9	21.7	26.3	17.4	87	93	71	66	73	75	77.5	.....
19..	61.67	61.86	63.09	61.08	62.14	63.34	62.20	20	19.6	23	23.3	21.2	21.1	21.4	25.9	19.1	91	92	79	82	93	86	87.2	1.3
20..	63.28	64.04	66.37	64.33	64.75	66.38	64.86	21	20.2	19	19.1	19	18.7	19.5	21.5	17.8	82	83	90	86	85	83	84.8	9.6
21..	64.73	64.91	65.88	63.76	63.79	64.94	64.67	18.3	18.6	19.5	19.4	19.2	18.7	19	20	17	81	80	68	71	70	74	74	1.3
22..	64.04	63.74	65.21	63.22	63.72	65.52	64.24	16.9	17	22.6	24.3	21.3	21	20.5	25.2	16	91	92	68	59	63	65	73	.....
23..	64.59	63.96	64.65	62.09	62.75	64.06	63.68	18.2	18	21.5	22.4	20.6	20.1	20.1	23	17.3	86	88	74	75	82	86	81.8	5.9
24..	62.96	62.86	64.31	61.93	62.66	63.99	63.12	20.2	20	20.2	21	20.1	21	20.4	23.2	19	84	87	85	79	84	77	82.7	5.9
25..	63.15	63.49	64.58	62.42	63.34	64.64	63.60	20.1	20.8	21.1	23.3	21.6	20.1	21.2	24.2	19	80	68	72	64	69	79	72	1.8
26..	63.73	63.65	65.12	63.45	63.81	64.81	64.10	20.1	20.5	20.7	20.2	20	19.5	20.2	21.6	18.8	76	74	71	74	74	78	74.5	1.3
27..	63.39	63.50	64.39	61.92	62.12	63.56	63.15	19	18.9	21.8	22.1	20.6	20	20.4	24.2	17.8	81	82	75	72	76	79	77.5	1
28..	62.35	62.49	63.63	60.81	61.20	62.34	62.14	19	18.6	22.4	24.6	21.6	20.8	21.2	25.3	17.8	86	90	75	65	72	76	77.3	.....
29..	61.59	61.41	62.75	60.44	61.14	62.65	61.66	20	18.9	22.8	22.1	21	21	21	24.4	18.3	81	89	74	76	82	82	80.7	.5
30..	61.71	61.60	63.01	61.12	62.01	63.89	62.22	20.2	20	20	20.1	19.2	19.1	19.8	21.7	18.8	89	91	91	90	92	93	91	10
31..	62.79	63.14	64.89	63.44	64.11	65.01	63.90	19.9	19	19.1	19.1	19	19	19.2	20.3	18.2	87	94	94	89	88	88	90	5.9
Mean	63.74	63.78	65.09	63	63.47	64.81	63.98	19.4	19	20.9	21.7	20.3	19.9	20.2	23.1	17.9	85.2	86.7	79.4	76.3	80.5	82.6	81.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	Calm	E	Calm	NE	NE	NE	26	26.4	66.6	65.4	184.4	10	.....	S.-Cu.	10	A.-Cu. SW	S.-Cu.
2..	NE	N	N	NE	NE	NE	105.2	90.1	94.6	170.3	460.2	10	.....	N.	10	.....	N. NE
3..	NE	NE	NE	NE	ENE	NE	166.3	168.9	144.5	128.4	608.1	10	.....	N. NE	10	.....	Cu.-N. NE
4..	NE	E	E	NE	E	ENE	111	105.2	107.8	98.8	422.8	10	.....	N. E	10	.....	S.-Cu. ENE
5..	E	E	E	ENE	E	E	77.2	97.7	111.6	53.3	339.8	10	.....	S.-Cu. E	10	.....	S.-Cu. E
6..	Calm	E	NE	E	NE	NE	35.7	77.9	96.9	137.8	348.3	10	.....	S.-Cu. E	10	.....	S.-Cu. E
7..	NE	NE	NE	NNE	NE	NE	151.3	172.2	193.7	203.7	720.9	10	.....	N.	10	.....	N. NE
8..	NE	NE	NE	NNE	NE	NE	191.5	202.1	185.6	175.7	754.9	10	.....	N. NE	10	.....	Cu.-N. NE
9..	NE	NE	NE	NE	NE	ENE	166	170	149.7	114.9	600.6	10	.....	N. NE	9	.....	Cu.-N. ENE
10..	E	Calm	SE	ENE	E	E	89.8	52.5	98.5	92.7	333.5	7	.....	S.-Cu. E	10	.....	Cu.-N. E
11..	E	Calm	E	E	NE	NE	35.9	38.6	73.2	100.1	247.8	10	.....	S.-Cu.	10	.....	S.-Cu. E
12..	NE	Calm	Calm	NE	NE	NE	65.4	39.6	81	87.1	273.1	10	.....	S.-Cu. NE	10	.....	S.-Cu. NE
13..	N	NE	N	N	N	NNE	46.4	77.2	.....	.....	.....	10	.....	N.	10	.....	N.
14..	NNE	N	NNE	NE	NE	NE	.....	.....	156.1	156.1	.....	10	.....	N. NE	10	.....	N. NE
15..	NE	NE	ENE	ENE	ENE	E	156.7	118.5	103.8	91.5	470.5	10	.....	N. NE	10	.....	S.-Cu. ENE
16..	NE	Calm	E	NE	E	E	43.1	60.9	95.6	91.4	291	10	A.-Cu. SE	S.-Cu. E	6	Ci.-S. SE	Cu. E
17..	E	E	NE	E	E	Calm	106.2	97.9	89.8	55.3	349.2	10	A.-Cu. E	S.-Cu. E	10	.....	S.-Cu. E
18..	Calm	Calm	Calm	NE	NE	NE	20.3	29.3	93.9	88.2	231.7	10	A.-Cu.SW	S.-Cu.	4	A.-Cu. SW	Cu.
19..	NE	Calm	NE	N	NNW	NNE	29	31.4	76.9	163.3	300.6	10	.....	S.-Cu. E	10	A.-Cu. SW	S.-Cu. NE
20..	NNE	NNE	NE	NE	NE	NE	217.2	207.6	162.5	174	761.3	10	.....	Cu.-N. NE	10	.....	N. NE
21..	NE	NE	NE	NE	NE	E	166.5	145.8	115.6	100.4	528.3	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
22..	SE	SE	SE	NE	NE	NE	41.8	43.7	101.2	107.2	293.9	10	.....	Cu.-N. E	1	.....	Cu.
23..	E	Calm	E	E	NE	E	59.2	45.4	121.3	130.7	356.6	10	.....	Cu.-N. NE	10	A.-Cu. E	Cu.-N. NE
24..	E	E	ENE	NE	NE	NE	127.7	130.4	156.1	165.7	579.9	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
25..	NE	NE	NE	NE	NE	NE	152.9	152.9	156.3	161.5	623.6	10	.....	S.-Cu. NE	9	A.-Cu.	Cu.-N. NE
26..	NE	NE	NE	NE	NE	NE	163.3	175.4	120.7	106.2	565.6	10	.....	S.-Cu. NE	10	.....	S.-Cu. NE
27..	NE	NE	NE	NE	NE	NE	71.8	47.7	85.5	76.4	281.4	10	.....	S.-Cu.ENE	10	A.-Cu. SW	S.-Cu. ENE
28..	N	Calm	W	NE	NE	NE	44.1	48	122.9	96	311	10	.....	S.-Cu. NE	5	.....	Cu.-N. ENE
29..	Calm	Calm	NE	NE	NE	NE	36.4	67.6	132.6	86.9	323.5	10	A.-Cu.SW	S.-Cu. E	10	.....	S.-Cu. ENE
30..	E	NE	NE	NE	NE	NE	83.5	128.9	133.6	140	486	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
31..	E	Calm	NE	NE	NE	NE	81.6	134.1	157.7	115.6	489	10	.....	N. NE	10	.....	N. NE
Mean	.....	.....	.....	.....	.....	.....	95.6	99.5	119.5	117.8	432.3	9.9	.....	.....	9.2	.....	.....

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

FEBRUARY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	64.05	64.19	65.53	63.47	63.76	64.23	64.20	19	19	20.4	21.4	20.4	19	19.9	22	18	88	88	82	75	83	95	85.2	2.8
2	62.35	62.91	64	65	62.04	61.64	62.20	62.63	19	19	20.4	22.1	21.7	20.2	20.4	24.8	18.2	95	94	94	86	88	94	91.8	1.7
3	61.16	61.74	62	82	59.70	59.82	60.37	60.94	20	20	23.3	27.6	23.6	22	22.8	28.5	19.5	95	95	84	72	86	95	87.8	
4	59.81	59	56	60.27	57.20	57.95	59.03	58.97	22	21.8	27	28.9	25	24.1	24.8	31.5	20.4	95	93	72	71	83	87	83.5	
5	58.19	58.94	60	17	57.66	58.19	59.29	58.74	22.8	22.2	25.4	27.9	24.8	23.9	24.5	28.9	21.8	91	95	84	71	77	81	83.2	
6	58.84	59.19	60	41	58.08	59.21	60.52	59.38	22.8	22.3	26	27	23.5	23	24.1	28.3	21.7	80	80	65	63	76	76	73.3	
7	60.17	60.69	62.33	60.51	60.92	62.43	61.18	22.3	22.1	24.4	24.5	22.4	22	23	26.3	21	77	73	62	64	71	72	69.8	.8
8	61.70	61.80	63.20	62.01	62.35	64.22	62.55	20.9	21.1	23.1	25.2	22	21.9	22.4	26.8	19.1	72	72	71	60	66	66	67.8	
9	63.60	63.74	65.23	63.62	64	65.22	64.24	21.1	20.9	23.3	24.4	22.6	22.2	22.4	26.2	18.4	74	79	74	65	69	72	72.2	
10	64.33	64.22	65.08	63.15	63.84	64.55	64.20	21.8	21.4	23.5	22.9	22.1	19.1	21.8	24.6	18	71	75	63	64	68	91	72	
11	63.91	64.23	65.06	63.32	63.95	64.82	64.22	19	19.1	23.6	24.2	22.9	22.1	21.8	25.5	17.8	92	94	75	74	79	85	83.2	.8
12	63.97	64.14	65.31	63.64	64.19	64.44	64.28	22	21.7	22.8	23.4	22	21.1	22.2	24.2	20.3	84	85	74	72	77	83	79.2	.8
13	62.85	63.04	63.83	61.45	61.63	61.92	62.45	21	20.5	22	23.5	22	21.9	21.8	23.9	20	83	88	91	83	89	90	87.3	1.5
14	61.04	61.18	61.40	59.25	59.26	60.37	60.42	21.9	21.7	23.5	23.7	22.6	22.1	22.6	25.3	20.8	92	94	87	87	93	95	91.3	34.6
15	60.02	60.14	61.11	59.87	61.85	63.74	61.12	21.8	21.3	23.6	21.9	20.5	20.2	21.6	25	20	93	95	90	93	93	94	93	12.5
16	63.68	64.51	66.59	64.53	65.09	66.36	65.13	20.9	20	20.5	20.5	20.5	19.9	20.4	21.5	19	88	91	88	86	84	82	86.5	14.7
17	65.46	65.78	67.52	64.68	64.88	66.47	65.80	19	20	18.7	21	20.5	20.5	20	21.3	18.3	77	72	87	70	70	70	74.3	2.5
18	65.06	65.21	67.07	65.54	65.77	66.92	65.93	20	19.2	19	18.6	17.7	17.3	18.6	20.4	16.5	73	79	82	81	78	79	78.7	9.8
19	65.99	65.79	67.19	64.89	64.94	66.14	65.82	16.9	17	17.1	19.5	18	17.2	17.6	20.1	15.8	80	80	79	69	71	78	76.2	5.6
20	65.27	65.12	66.30	63.86	63.60	64.74	64.82	16	15.5	18.6	21.5	20	18.9	18.4	22.1	14.8	87	92	80	66	72	79	79.3	
21	63.79	64.16	65.88	63.25	63.31	64.49	64.15	18	17.9	19.7	21.8	20.9	20.4	19.8	22.5	16.8	86	87	89	75	77	80	82.3	3.6
22	64.03	65.39	66.10	63.63	64.30	65.59	64.84	20	18.9	23.4	24.6	21.5	20.8	21.5	25.6	18.1	81	91	68	66	69	70	74.2	.3
23	64.98	65.39	66.50	63.98	64.49	65.86	65.20	18.3	16.1	23	25	22	19	20.6	26	15.3	77	93	63	58	60	76	71.2	
24	65.09	65.77	66.99	64.82	64.88	65.72	65.54	16.9	15.6	22	22.5	21.4	20.5	19.8	24.2	15	87	91	72	75	74	79	79.7	.3
25	65.09	64	74	66	63.69	63.68	64.54	64.62	18.3	19.1	23.5	23.6	21.8	20.7	21.2	24.6	17.3	92	89	72	73	79	82	81.2	
26	63.74	63.34	63.96	61.66	61.97	63.07	62.96	19.8	18	25.5	27.9	24.1	22.7	23	28.9	17.3	86	94	73	71	82	83	81.5	
27	62.72	62.99	64.36	62.06	62.82	63.88	63.14	21	19.1	26.4	27.6	23.5	23	23.4	29.3	18	87	95	74	71	84	85	82.7	
28	63.08	63.34	61.53	62.67	63.39	64.40	63.57	22.2	21.7	25.7	25.5	23	22.2	23.4	27.7	20.7	89	92	71	62	70	73	76.3	
Mean	63	63.26	61.48	62.29	62.70	63.77	63.25	20.2	19.7	22.7	23.9	21.9	21	21.6	25.2	18.5	84.7	87.4	77.4	72.2	77.4	81.9	80.2	
Total																								92.3

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NE	E	E	E	E	SE	119.4	43.5	82.7	46.4	292	10	.....	S.-Cu. E	10	.....	S.-Cu. E
2	SE	SE	SE	ENE	NE	NE	39.4	33.2	44.3	34.8	151.7	10	.....	N. E	10	.....	N. SE
3	NE	Calm	ENE	E	NE	Calm	20.9	37.2	98	50.9	207	10	.....	N. SE	4	.....	Cu. SE
4	SE	SE	SE	NE	W	N	58.2	60.9	75	56	250.1	8	A.-Cu. SW	S.-Cu.	0	.....	
5	N	Calm	NW	N	NNW	N	28	42.1	69.8	97.2	237.1	7	.....	S.-Cu. NW	1	.....	Cu. NW
6	NW	NW	NW	N	NE	NE	85.6	56.3	106.8	160.3	409	4	.....	Cu.-N. NW	1	.....	Cu. N
7	NE	NE	NE	NE	NE	NE	167.3	170.6	140	142.2	620.1	10	.....	Cu.-N. NE	10	A.-Cu. SW	Cu.-N. NE
8	NE	NE	ENE	NE	NE	ENE	89.5	144.8	156.9	134.4	525.6	5	.....	Cu.-N. NE	6	.....	Cu.-N. ENE
9	E	ENE	E	ENE	ENE	NE	119.1	85.9	159.5	148.9	513.4	9	.....	S.-Cu. ENE	10	A.-Cu. SE	S.-Cu. E
10	NE	NE	ENE	NE	E	E	124.5	149.1	148.1	59.8	481.5	9	A.-Cu. SE	Cu.-N. NE	10	.....	S.-Cu. NE
11	Calm	Calm	E	NE	NE	NE	25.1	55	133	150.3	363.4	10	.....	S.-Cu. E	10	.....	Cu.-N. ENE
12	NE	NE	NE	ENE	E	E	134.4	172.2	153.7	112.7	573	10	.....	N. NE	10	.....	Cu.-N. ENE
13	E	E	E	E	NE	NE	90.1	54.4	63.4	127.4	335.3	10	.....	S.-Cu. E	10	.....	S.-Cu. E
14	NE	Calm	NE	NE	NE	NE	85.6	30	73.7	73.4	262.7	10	.....	N.	10	.....	S.-Cu. E
15	Calm	Calm	NW	NNE	NE	NNE	15.8	62.2	196.3	173.8	448.1	10	.....	S.-Cu.	10	.....	N.
16	NE	NE	NE	NE	NE	NE	149.1	166.3	163.5	161.5	640.4	10	.....	N. NE	10	.....	N. NE
17	E	ENE	ENE	NE	NE	NE	128.7	140.2	105.4	115.7	490	10	.....	N. ENE	10	.....	Cu.-N. ENE
18	NE	NE	NE	NE	NE	NE	116.9	196.3	177.2	174.3	664.7	10	.....	S.-Cu. NE	10	.....	N. NE
19	NE	NE	E	ENE	E	E	168.3	157.7	146.4	69.8	542.2	10	.....	N. NE	10	.....	Cu.-N. ENE
20	E	S	S	E	E	E	43.3	44.6	71.4	53	212.3	10	.....	S.-Cu. SE	10	.....	S.-Cu. SE
21	Calm	E	E	E	ENE	E	32.8	37	104	123.9	297.7	10	.....	S.-Cu. SE	10	.....	S.-Cu. E
22	E	Calm	NE	NE	NE	NE	62	79.1	132	116.1	389.2	10	.....	N. E	5	Ci.-S.	Cu. E
23	Calm	Calm	E	NE	ENE	E	36.5	68.9	141.6	63.1	310.1	0	.....	.....	1	.....	Cu.
24	E	E	E	E	E	E	35.4	47	105.2	90.7	278.3	1	.....	S.-Cu. E	10	.....	S.-Cu. E
25	Calm	Calm	E	NE	NE	NE	29	63.3	147.9	82.4	322.6	10	.....	S.-Cu. E	10	A.-Cu. SW	Cu.-N. E
26	Calm	Calm	E	NE	NE	Calm	15.9	47.2	99.8	54.4	217.3	0	.....	.....	0	.....	.....
27	Calm	Calm	NE	NE	NE	NE	24.7	42.5	135.2	131.4	333.8	0	.....	.....	0	.....	.....
28	NE	Calm	NE	NE	NE	NE	47.7	104.3	151	86.6	389.6	10	.....	Cu.-N. E	10	.....	S.-Cu. E
Mean							74.8	85.4	120.8	103.3	384.2	8	.....	.....	7.4	.....	.....
Total							.....	.....	.....	.....	10,758.2	.....	.....	.....	.....	.....	.....

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

MARCH, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct*	*P.ct.*	*P.ct.*	*mm.*
1..	63.19	63.43	64.29	62.65	63.18	63.99	63.46	20.1	19	25	24.8	23.1	23	22.5	28	18	94	90	68	81	87	87	84.5	2.6
2..	63.94	64.78	66.05	64.81	65.65	66.72	65.32	22.1	21.9	23.8	24	22.1	22	22.6	25.8	20.8	90	86	80	78	76	78	81.3	2.3
3..	66.27	67.10	67.99	65.30	65.28	66.45	66.45	21.9	21.7	24	24.6	22	22.1	22.7	25.8	20.8	79	80	67	66	74	73	73.2	.....
4..	65.67	65.54	65.79	63.03	62.97	64.35	64.56	21	20.1	25.4	27.8	24	22.8	23.5	28.5	19.3	82	88	69	67	81	84	78.5	.8
5..	63.28	63.64	65.32	62.98	63.10	63.84	63.69	21	20.1	24.6	26.6	24.5	21.9	23.1	28.7	19.5	92	91	79	68	71	85	81	.....
6..	63.28	63.99	65.31	63.07	62.77	64.08	63.75	21	19.8	26	27.1	23.5	23	23.4	29	18.8	86	89	69	64	74	76	76.3	.....
7..	63.54	64.24	64.63	62.65	62.79	63.82	63.61	21.2	20.2	26.5	26.6	22.7	22.7	23.3	28	19.6	85	92	68	66	80	78	78.2	.....
8..	62.17	62.50	63.33	60.42	60.46	61.34	61.70	21	20	24.6	27	25	23.3	23.5	28.8	18.8	87	93	75	70	73	80	79.7	.....
9..	60.25	60.80	61.70	59.37	59.74	60.67	60.42	21.5	20	26.2	27	24.3	24	23.8	28.5	19.5	88	94	74	75	89	87	84.5	3.3
10..	60.07	60.27	61.27	58.97	59.27	61.22	60.18	22.5	22.2	26.8	28.4	24.6	24	24.8	30	21.6	96	95	69	71	83	83	82.8	2.5
11..	60.78	61.29	63.02	61.41	61.90	63.58	62	23	22	26	24	22.2	22	23.2	27.7	21.3	89	93	76	81	86	87	85.3	4.6
12..	62.27	62.08	63.34	61.48	61.62	62.82	62.27	22	22	23.5	22.6	22.3	22.4	22.5	25.4	20.9	86	86	84	90	83	81	85	2.7
13..	61.48	61.14	62.72	61.02	60.88	62.10	61.56	22	22.3	22.9	22.3	22	21.9	22.2	23.6	20.8	82	80	83	93	88	88	85.7	14.5
14..	61.09	61.20	61.75	59.48	59.34	60.52	60.56	21	20.8	22.9	24	22.8	22.4	22.3	25.6	20	91	93	89	85	88	88	89	1.1
15..	60.24	60.39	61.98	60.81	61.32	62.73	61.23	21.1	22	25.3	23	21.6	21.8	22.5	27.4	20.5	90	84	67	84	86	84	82.5	4.2
16..	61.70	61.89	63.20	61.44	62.27	63.64	62.36	21.6	21.2	24	25	21.6	21.3	22.4	26.2	20.3	80	80	69	68	70	71	73	.3
17..	62.88	63.11	64.39	62.52	62.87	63.88	63.28	21	20.1	22.8	23.5	21.3	20.9	21.6	24.7	19.6	72	79	68	66	75	77	72.8	.....
18..	63.04	63.38	64.11	61.66	61.72	62.85	62.79	20	20	26	27.6	24.6	22.7	23.5	28.8	18.8	83	83	62	66	77	85	76	.....
19..	61.99	62.15	63.13	60.79	61.05	62.27	61.90	21	20.2	26.4	28.1	25	24.1	24.1	30.6	19.3	93	89	65	67	83	87	80.7	.....
20..	60.97	61.03	61.60	59.22	59.48	61.12	60.57	21.9	21.6	27	28.4	25.7	25	24.9	30.3	20.5	94	93	66	68	79	80	80	.....
21..	60.27	60.52	60.72	58.20	58.94	60.31	59.83	24	23	27.4	28.8	25.5	24.2	25.5	32.2	22	83	86	64	68	77	86	77.3	.....
22..	59.97	60.22	62.01	59.57	59.63	61.21	60.45	24	23.7	27	28.8	25.5	24.9	25.6	29.8	23.1	85	85	74	64	71	72	75.2	.....
23..	60.16	60.27	60.52	57.21	57.07	58.58	58.97	23.1	22	27.6	29.6	26.7	24.9	25.6	31.5	21.1	80	87	62	64	75	79	74.5	.....
24..	57.56	58.06	59.14	56.51	56.64	58.23	57.69	22.5	21.1	27.5	29.4	26.5	24.2	25.2	31.2	19.3	89	90	63	62	76	88	78	.....
25..	58.11	58.26	59.10	57.14	57.02	59.33	58.16	22.7	22.5	29	29.8	26.6	26	26.1	31.6	21.7	89	89	63	69	80	83	78.8	.....
26..	59.55	59.87	61.62	60	60.35	61.96	60.56	25.6	25	26.6	26.5	24.8	24.9	25.6	29.7	23.5	84	88	80	76	80	78	81	.5
27..	61.67	61.84	63.12	60.83	60.87	62.99	61.89	24.5	24	25	26.8	24.7	24	24.8	28.6	22.8	79	83	82	74	78	80	79.3	.....
28..	61.88	61.39	62.34	59.97	59.53	61.44	61.09	24	23.5	25	25.6	24.5	23.7	24.4	27.8	22.5	80	85	80	81	79	81	81	1.5
29..	60.54	60.74	61.32	58.91	59.33	60.80	60.27	22.2	21.2	28.1	30	26.4	24.1	25.3	32.2	20.3	89	93	60	66	81	89	79.7	.....
30..	60.49	60.94	62.07	60.10	60.43	62.66	61.12	23	22.2	27.4	26.9	24.9	24.3	24.8	29.8	22	93	94	78	75	76	79	82.5	.....
31..	61.79	61.97	62.83	60.49	60 92	62.48	61.75	24.1	23.9	26.7	27.1	25.1	24.9	25.3	29.7	23.3	81	82	71	72	77	76	76.5	.....
Mean	61.61	61.88	62.89	60.72	60.92	62.32	61.72	22.2	21.6	25.7	26.5	24.1	23.3	23.9	28.6	20.7	86.2	87.7	71.7	72.4	79.1	81.6	79.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	NE	E	E	NE	NE	36	45.1	107.2	119.1	307.4	2	.....	S.-Cu.	E 10	.....	N. ENE
2..	NE	NE	NE	ENE	NE	NE	141.9	165.2	185.2	185.6	677.9	10	.....	N.	NE 10	.....	Cu.-N. ENE
3..	NE	NE	NE	NE	ENE	E	170.6	167.3	160.6	104.9	603.4	6	.....	s.-cu.	ENE 10	.....	s.-cu. ENE
4..	Calm	Calm	SE	E	NE	NE	25.4	36.7	79.5	76.9	218.5	8	A.-Cu.	SE	S.-Cu. 6	.....	Cu.-N. SE
5..	Calm	NE	NE	NE	E	Calm	28.2	43	117.8	62.2	251.2	10	.....	S.-Cu.	E 7	A.-Cu.	SE Cu.-N.
6..	E	Calm	E	NE	NE	NE	27.6	50.7	153.9	133.0	365.2	0	.....	.....	1	.....	Cu. SE
7..	Calm	Calm	NE	NE	NE	NE	30.3	92.7	159.3	128.7	411	8	.....	S.-Cu.	E 7	A.-Cu.	SE S.-Cu.
8..	NE	Calm	NE	NE	NE	NE	40.5	36.0	105.2	90.7	272.4	6	Ci.-S.	W	S.-Cu. 1	.....	Cu. SE
9..	NE	Calm	NE	NE	NE	E	23.8	59.3	130.6	88	301.7	0	.....	.....	7	.....	Cu.-N. SE
10..	E	Calm	E	NE	NE	NE	23.9	46.9	118.6	106.2	295.6	10	.....	S.-Cu.	1	.....	Cu. SE
11..	NE	NE	NE	NE	NE	NE	72.2	103.8	174.6	180	530.6	10	.....	S.-Cu.	NE 10	.....	Cu.-N. NE
12..	NE	NE	NE	NE	NE	NE	164.7	172.5	165.4	177.3	679.9	10	.....	Cu.-N.	NE 10	.....	Cu.-N. NE
13..	NE	NE	NE	NE	NE	E	188	138.7	135.8	93.9	556.4	10	.....	Cu.-N.	NE 10	.....	Cu.-N. NE
14..	NE	NE	NE	NE	NE	NE	77.5	115.9	109.1	122.8	425.3	10	.....	N.	NE 10	.....	Cu.-N. NE
15..	NE	N	NNE	NNE	NNE	NNE	122.9	97.6	122.1	119.4	462	10	.....	Cu.-N.	N 10	.....	N. NNE
16..	NE	NE	NE	NE	NE	NE	99.2	103.3	138.4	141.6	482.5	10	.....	Cu.-N.	NE 2	A.-Cu.	SW Cu. NE
17..	NE	ENE	NE	NE	NE	NE	120.7	125.5	152.9	84.3	483.4	10	.....	s.-cu.	ENE 8	A.-Cu.	SW S.-Cu. SE
18..	Calm	NE	SE	NNE	NE	Calm	22.2	66.5	108.6	29.6	226.9	1	A.-Cu.	SW	S.-Cu. 0	.....	.....
19..	Calm	Calm	S	NE	NE	Calm	22.2	75.3	88.8	26.8	213.1	0	.....	.....	0	.....	.....
20..	Calm	Calm	S	NE	NE	NW	20.9	42.8	92.3	62	218	0	.....	.....	0	.....	.....
21..	NW	Calm	S	NE	N	NW	43.8	54.9	81.1	94.6	274.4	9	Ci.	W	S.-Cu. N 0	.....	.....
22..	N	Calm	N	NE	NE	NE	64.4	54.1	111.6	133.9	364	2	.....	Cu.-N.	N 0	.....	.....
23..	Calm	Calm	SE	NE	NE	Calm	28.7	75.9	81.5	40	226.1	7	A.-Cu.	SE	S.-Cu. 0	.....	.....
24..	SE	SE	S	NNE	N	W	44.6	69.8	90.9	34.3	239.6	0	.....	.....	0	.....	.....
25..	Calm	SW	S	N	NE	N	31.9	64.1	75.8	74.2	246	0	.....	.....	4	Ci.	Cu.
26..	NE	NE	N	NE	NE	NE	52.3	81	151.3	157.7	442.3	6	.....	Cu.-N.	NE 10	.....	Cu.-N. NE
27..	NE	NE	NE	NE	NE	NE	135.2	158.7	158.3	151.3	603.5	10	.....	Cu.-N.	NE 5	A.-Cu.	SW Cu.-N.
28..	NE	NE	E	E	E	E	132	105.9	96.9	56.1	390.9	10	.....	S.-Cu.	E 9	.....	Cu.-N. SE
29..	E	Calm	S	NE	Calm	W	27.9	73.8	83.2	34.1	219	1	.....	S.-Cu.	5	A.-Cu.	SW Cu.
30..	W	Calm	N	NE	NE	NE	30.4	61.4	160.3	155.9	408	7	A.-Cu.	SW	S.-Cu. 8	.....	Cu.-N. SE
31..	NE	NE	NE	NE	NE	NE	117.3	70.2	147.1	132.6	467.2	9	A.-Cu.	W	S.-Cu. 9	.....	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	69.9	85.6	124	103.2	382.7	6.2	.....	.....	5.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,863.4	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.57 mm.]

APRIL, 1918.

Day.	Atmospheric pressure, 700 mm. +							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.c..*	*mm.*
1..	61.32	61.59	62.32	59.74	60.05	61.47	61.08	23.1	23	27.6	29.1	25.7	25	25.6	30.5	22.3	87	91	70	67	71	73	76.5	.....
2..	60.96	61.15	61.88	59.69	59.88	61.18	60.79	24	21.1	26.6	28.5	25.2	25	25.1	30.1	20.5	76	95	76	67	80	80	79	0.3
3..	60.19	60.79	61.52	59.37	59.47	60.82	60.36	24.3	24	27.4	27.6	25	24	25.4	29.7	23.1	82	83	74	70	76	81	77.7	.....
4..	60.18	60.87	61.41	59.01	59.09	60.53	60.18	23.8	23	27.4	29.2	25.6	24	25.5	30.6	22.1	81	86	69	66	75	81	76.3	.....
5..	60.07	60.30	61.38	59.08	58.72	59.84	59.90	22.5	21.2	27.8	29.6	26.2	24	25.2	31	20.3	87	92	67	64	75	81	77.7	.....
6..	59.21	59.61	59.75	57.12	57.12	59.05	58.64	21.9	22	28.4	29.1	26.8	25	25.5	30.8	20.2	91	84	56	64	75	83	75.5	.....
7..	58.14	58.34	58.77	56.30	56.53	58.79	57.81	23.8	23	29	29.1	27	26	26.3	33.1	21.5	88	87	60	68	74	78	75.8	.....
8..	57.89	58.59	59.22	56.86	56.97	58.72	58.04	25.1	24.5	29.5	31.3	27.2	26.2	27.3	34.6	23.3	86	90	65	64	80	90	79.2	.....
9..	58.24	58.78	59.29	56.65	57.15	58.92	58.17	25	24	30	31.3	28.1	27.1	27.6	32.7	22.3	93	91	60	64	74	76	76.3	.....
10..	58.57	59.30	60.29	58.23	58.02	59.98	59.36	25	23.8	30.1	31	27.7	26.9	27.4	32.8	23	83	89	64	59	68	73	72.7	.....
11..	59.29	59.63	60.94	58.54	58.72	60.55	59.61	26.1	26	29	29.9	27	26	27.3	31.5	25	78	78	74	65	75	79	74.8	2.8
12..	59.34	58.79	59.86	57.65	57.75	58.72	58.68	25.3	24.6	27.6	28.2	25.6	25	26	29.6	23.8	81	82	71	68	75	78	75.8	.....
13..	57.46	57.58	58.82	56.79	57.34	58.57	57.76	24.9	25	28.1	29.6	24.7	25.1	26.2	30.8	23.5	78	80	70	64	83	79	75.7	1.4
14..	57.93	58.10	58.67	57.37	58.19	59.59	58.31	24.9	24.5	26.7	26.9	25.5	24.5	25.5	29.5	23	78	79	74	70	73	78	75.3	3.3
15..	58.99	59.30	60.28	58.80	59.08	60.27	59.45	24.8	23.3	24.5	26.1	25	24.4	24.7	27	22.1	77	85	76	71	72	75	76	.....
16..	59.97	60.09	61.29	59.42	59.59	60.79	60.19	24	24	24.5	25.8	24.7	24.3	24.6	27	22.8	79	80	75	67	70	71	73.7	.....
17..	60.23	60.67	61.97	59.85	60.46	61.68	60.81	24	23.5	25.5	26.4	25	24.5	24.8	27.8	22.8	71	71	66	63	70	73	69	.....
18..	60.91	61.05	61.92	60.06	60.70	62.19	61.14	23.6	22.1	28	29.1	25.9	25	25.6	30.2	21.5	78	90	69	67	78	82	77.3	.....
19..	61.66	61.93	62.82	60.85	61.13	62.47	61.81	23.9	23.6	28.1	29.1	25.8	25	25.9	30.6	22.2	89	90	70	67	78	80	79	.....
20..	61.62	62.35	62.87	60.12	60.27	61.71	61.49	22.1	21	28.8	29.6	26	25	25.4	31.1	20.1	90	91	63	66	78	78	77.3	.....
21..	60.82	60.95	61.73	59.74	59.16	60.77	60.53	22.2	22	28.2	30.5	26.7	24.2	25.6	31.8	21.2	89	91	62	64	74	82	77	.....
22..	59.54	59.78	60.64	58.45	58.85	59.71	59.50	23.6	21.9	29.9	30.1	28	24.7	26.4	32.4	20.5	83	90	62	71	80	84	78.3	.....
23..	59.09	59.78	60.89	58.93	59.10	61.52	59.88	23.3	23.5	28.5	31.1	28.5	26.5	26.9	32.7	22.7	92	91	70	67	74	82	79.3	.....
24..	61.25	61.63	62.60	60.49	60.37	62.25	61.43	25.9	24	29.9	30.8	27.4	26	27.3	32.6	22.8	78	85	63	64	70	76	72.7	.....
25..	61.24	61.94	62.40	59.69	59.55	60.67	60.92	25.1	23.8	28.8	31.1	27.1	25.8	27	32.3	22.4	81	89	72	67	76	83	78	.....
26..	59.61	59.51	60.25	58.15	58.62	59.48	59.27	24.2	24.8	30.1	28.6	28.1	24.8	26.8	33.3	23	90	82	64	73	81	87	79.5	.....
27..	58.50	59.21	59.10	56.72	57.40	58.90	58.30	24	22.6	29.9	30.5	28.2	24.7	26.6	33.6	22	87	90	60	68	79	87	78.5	.....
28..	58.34	58.72	58.91	56.67	56.80	58.87	58.05	22.1	22.3	29.6	31	28.4	27	26.7	33.7	21.3	94	93	55	63	76	84	77.5	.....
29..	58.27	58.99	59.70	58.24	58.76	59.75	58.95	25.5	24.6	31.3	30.8	28.5	27	28	33.4	23.8	89	87	58	71	71	77	75.5	.....
30..	59.67	60.17	60.16	58.14	57.97	59.70	59.30	25	24.2	30.1	31.8	29.8	27.1	28	34.5	22.8	84	82	61	62	67	76	72	.....
Mean	59.62	59.98	60.72	58.56	58.76	60.25	59.65	24.1	23.4	28.4	29.4	26.7	25.3	26.2	31.4	22.3	84	86.5	66.5	66.4	74.9	79.6	76.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.8

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	NE	NE	NE	NE	24.6	51.3	129.3	124.2	329.4	8	A.-Cu.	SW S.-Cu. E	2	A.-Cu. SW	Cu.-N.
2..	Calm	Calm	NE	NE	NE	NE	19.9	54.9	132.5	124.2	331.5	3	.....	S.-Cu. NE	0	.....	.....
3..	NE	NE	NE	NE	NE	NE	122	118.5	152.9	152.6	546	10	.....	Cu.-N. NE	6	A.-Cu. SE	S.-Cu.
4..	E	E	E	NE	NE	NE	59.5	55	125.5	84.7	324.7	2	.....	Cu.-N. E	0	.....	.....
5..	NE	Calm	E	NE	NE	NE	22.5	54.4	113.7	45.4	236	0	.....	.....	0	.....	.....
6..	Calm	NE	SE	NE	NE	NE	22.8	75.6	93.5	40.7	232.6	0	.....	.....	0	.....	.....
7..	Calm	Calm	S	NNE	NNE	N	23.3	78.4	89.9	49.6	241.2	0	.....	.....	7	.....	Cu.-N. W
8..	Calm	Calm	SE	NE	NE	NW	20.4	52.5	98.2	67	238.1	10	.....	S.-Cu. SW	1	.....	Cu.
9..	NW	W	S	NE	N	N	42.5	56.3	114.3	48.3	261.4	0	.....	.....	0	.....	.....
10..	W	W	Calm	N	N	N	42.8	51.2	76.9	56.1	227	2	.....	Cu. NE	0	.....	.....
11..	N	N	N	N	NE	NE	77.2	50.7	105.9	108.8	342.6	7	.....	Cu.-N. NE	2	Ci.	Cu.
12..	N	NE	NE	NE	NE	NE	113.3	82.9	108	106.8	411	10	.....	Cu.-N. NE	10	Ci.-S.	Cu. E
13..	NE	NE	NE	NE	N	NE	50.2	103.6	106.2	88.5	348.5	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
14..	N	N	NNW	N	N	N	97.2	69.2	88.5	80.8	335.7	10	.....	Cu.-N. N	10	.....	S.-Cu. NNW
15..	N	NE	NE	NE	NE	NE	103.6	125.5	110	130.4	469.5	10	.....	N. NE	10	.....	Cu.-N. NE
16..	NE	NE	NE	NE	NE	NE	108.4	76.8	75.6	89.8	350.6	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
17..	NE	NE	NE	NE	NE	NE	100	86.1	110.4	102.7	399.2	10	.....	S.-Cu. E	10	.....	S.-Cu. E
18..	Calm	NE	E	NE	NE	NE	32.5	44.8	132	138.7	348	10	.....	S.-Cu. E	1	.....	Cu.
19..	Calm	Calm	NE	NE	NE	NE	34.1	58.5	146.1	103.2	341.9	7	.....	S.-Cu. SE	0	.....	.....
20..	Calm	Calm	E	NE	NE	NE	18.5	60.2	136	97.4	312.1	0	.....	.....	0	.....	.....
21..	Calm	Calm	S	NE	NE	Calm	15.5	85.9	104.6	68.4	274.4	0	.....	.....	0	.....	.....
22..	Calm	Calm	SE	NE	NE	S	24.6	61.5	92.2	60	238.3	0	.....	.....	0	.....	.....
23..	S	S	S	NE	NE	NE	50.5	64.1	92	42.5	249.1	10	Ci.-S.	S.-Cu. W	5	Ci. SW	Cu.
24..	SE	SE	NE	NE	NE	Calm	52.5	70.8	134.2	48.1	305.6	0	.....	.....	1	.....	Cu. SE
25..	Calm	Calm	NE	NE	NE	E	19.1	52.9	93.3	44	209.3	2	Ci. NE	S.-Cu.	5	Ci.-S. SW	Cu.
26..	E	SE	S	NE	Calm	S	39.1	82.7	82.9	50.7	255.4	0	.....	.....	8	Ci.-S.	S.-Cu. SW
27..	S	S	S	NE	NE	S	73	78.6	88.2	61.2	301	4	Ci.-Cu. W	S.-Cu.	1	.....	Cu.-N.
28..	S	S	S	NE	NE	N	54.7	91.9	95.8	35.7	278.1	0	.....	.....	1	.....	Cu.-N
29..	Calm	Calm	S	NNE	NE	NW	36.4	62.2	115.6	46.7	260.9	4	A.-Cu. W	S.-Cu.	1	.....	Cu.-N.
30..	N	W	SE	NE	NE	E	33.8	108.1	100.1	26.9	268.9	0	.....	.....	0	.....	.....
Mean	.....	.....	.....	.....	.....	.....	51.2	72.2	108.1	77.5	308.9	4.6	.....	.....	3.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,268	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

MAY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P. ct.*	*P.ct.*	*P. ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.62	59.74	60.24	58.37	57.90	59.92	59.30	25	23	30.6	31.2	29.3	25.9	27.5	33.2	21.3	80	86	50	64	66	83	71.5	.....
2..	58.99	59.31	60.14	57.87	57.32	58.94	58.76	24.9	23.1	29	30.6	28	26.1	27	32	22.4	85	90	71	67	76	81	78.3	.....
3..	58.95	59.41	60.01	57.76	57.77	59.23	58.86	24.9	24.5	30.8	31.6	30.5	26.6	28.2	33.1	23	81	83	56	62	59	78	69.8	.....
4..	58.59	59.58	59.85	57.43	59.25	60.80	59.25	24.9	24.2	31	32	28.2	27.1	27.9	34.6	23.3	84	88	55	63	76	81	74.5	.....
5..	60.08	60.28	60.97	59.21	59.59	61	60.19	24.8	24.1	30.5	30.5	27.7	26.9	27.4	32.8	22.8	89	86	65	68	75	79	77	.....
6..	59.87	59.97	60.35	58.04	57.89	59.36	59.25	24.2	24	30.8	29.9	29	26.8	27.4	31.8	22.3	90	91	56	67	65	74	73.8	.....
7..	58.60	58.79	59.19	56.57	56.89	58.22	58.04	24.4	24.2	30.8	30.8	29	26.8	27.7	33.3	23.1	87	82	54	62	75	86	74.3	.....
8..	56.83	57.01	57.55	55.03	55.75	57.14	56.55	25.8	24.8	31.4	29.5	27.6	26	27.5	35.1	22.8	87	85	60	72	86	88	79.7	0.3
9..	56.03	56.24	56.77	55.51	57.20	58.92	56.78	24.6	24.2	31	30.6	26.9	25	27	33.6	23.3	92	90	62	70	85	88	81.2	5.1
10..	57.60	58.01	58.90	57.18	58.10	59.40	58.20	24	24	30.4	31.6	28	27.3	27.6	33.4	23.3	93	94	68	62	80	84	80.2	.....
11..	58.50	59.14	59.41	57.70	58.54	59.24	58.76	25	24.8	30.8	31.6	27	25.8	27.5	34.8	23.9	92	90	67	68	84	84	80.8	.....
12..	58.34	59.10	59.40	57.55	58.02	59.07	58.58	24.7	24.8	30.8	32.5	29	26	28	36.4?	23.6	86	85	60	62	76	92	76.8	.....
13..	58.53	59.06	60.07	58.30	58.27	60.55	59.13	25	24.7	30.5	32.4	29.8	26.8	28.2	34.6	22.6	94	87	71	64	60	71	74.5	.....
14..	60.58	60.87	60.94	58.70	58.64	60.69	60.07	25	24.7	30.5	32.3	28.5	27.1	28	33.5	22.9	80	83	71	64	76	82	76	.....
15..	59.87	60.56	60.11	57.84	58.25	59.30	59.32	26	24.8	32.1	32	29.7	28	28.8	33.8	23.6	85	88	57	65	76	81	75.3	.....
16..	58.43	58.87	58.78	56.68	56.72	57.74	57.87	26.1	25.4	32	32.4	29.5	26.7	28.7	34	24.1	88	84	60	63	77	86	76.3	.....
17..	57.08	57.31	57.54	55.86	57.02	59.12	57.32	25.1	24.9	31.6	31.6	28.2	28	28.2	35.6	23.4	83	80	49	62	76	77	71.2	.....
18..	57.60	57.89	58.26	56.84	56.85	58.85	57.72	25.9	25.5	32.1	32	30	27.1	28.8	33.9	24.3	86	88	58	66	60	72	71.7	.....
19..	58.32	58.69	58.48	56.62	56.70	58.80	57.94	24.9	24.8	31.9	32.5	30	28.1	28.7	35.3	23.5	84	85	55	57	69	77	71.2	.....
20..	58.13	58.47	58.81	57.11	56.79	58.40	57.95	27.7	26	31.6	32	29.8	28.1	29.2	34.2	24.3	78	88	63	66	71	77	73.8	.....
21..	57.87	58.09	58.24	56.03	56.89	58.56	57.61	25.5	25.6	31.9	33	29.1	28	28	34.4	23.5	92	91	61	59	76	77	76	.....
22..	57.83	57.91	58.58	57.10	57.69	58.77	57.98	26	25.8	32.5	31.8	29.4	29	29.1	33.9	24.3	85	81	58	65	68	69	71	.....
23..	58	58.23	57.96	55.95	55.50	57.34	57.16	26.1	25.7	32.6	33.6	29.2	28.9	29.4	34.7	24.2	87	84	54	58	75	73	71.8	.....
24..	56.47	57.08	56.90	55.33	55.09	56.86	56.29	26	25.7	32.6	33.4	29.5	29	29.4	35.1	24	88	86	53	60	68	68	70.5	.....
25..	56.20	56.64	57.41	55	55.21	57.29	56.29	26.1	25.7	31.6	32.1	29.9	29.1	29.1	34.3	24.1	85	86	65	62	72	74	74	26.2
26..	56.22	56.94	58.17	56.92	57.04	57.97	57.21	28.8	25.9	27	30.4	28.5	27	27.9	31.3	24.3	73	89	63	71	77	82	79.2	.....
27..	57.14	58.13	57.59	55.92	57.10	58.32	57.37	26.1	25.5	31.6	31.6	29.4	26.7	28.5	34.9	24	83	84	60	66	79	90	77	1
28..	57.20	57.59	57.61	55.82	56.67	58.15	57.17	26	25.5	31.3	32.6	27.1	25.3	28	36.1	24.8	92	91	67	69	83	88	81.7	21.6
29..	57.23	57.48	57.98	57.02	57.68	59.37	57.79	25	25.1	31	32.5	25.8	25.7	27.5	34.6	23.5	90	91	66	68	84	82	80.2	.5
30..	58.96	59.41	58.96	57.48	58.37	59.41	58.76	25	24.5	30.4	32.6	29	28.2	28.3	35.3	23.8	85	87	68	66	83	83	78.7	.....
31..	58.54	58.84	58.83	57.94	58.27	60.02	58.74	25	25.5	31.5	32.9	29.4	28.5	28.8	35.3	24.1	89	88	60	66	74	74	75.2	.....
Mean	58.14	58.54	58.84	56.99	57.39	58.93	58.14	25.4	24.9	31.1	31.8	28.8	27.1	28.2	34.2	23.5	86.2	86.8	61.4	64.6	74.4	80	75.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.7

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
												Amount.	Form and direction.		Amount.	Form and direction.	
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.			Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	E	Calm	SE	NE	NE	Calm	36.8	75	109.7	57.7	279.2	0	.....	.....	0	.....	.....
2..	Calm	Calm	NE	NE	NE	NE	20.9	68.1	146.1	50.2	285.3	0	.....	.....	4	Ci. W	Cu.-N.
3..	NE	E	SE	NE	E	E	53.4	70.8	107.2	37	268.4	0	.....	.....	1	.....	Cu.
4..	E	E	S	NE	NW	NW	40.2	91.4	98.2	66.3	296.1	0	.....	.....	3	Ci.-S. W	Cu.
5..	NW	NW	N	NNE	NE	NE	31.4	61.8	135.7	124.9	353.8	0	.....	.....	1	.....	Cu.
6..	Calm	NE	SE	NE	E	Calm	24.7	71.1	110.8	29.8	236.4	8	.....	Cu.-N. E	2	.....	Cu. SE
7..	Calm	E	SE	NE	N	N	35.1	88.2	87.4	39.1	249.8	0	.....	.....	4	Ci.-S. W	Cu.
8..	NE	Calm	S	NE	W	SW	33.8	89.3	89	42.8	254.9	0	.....	.....	8	Ci.-S.	S.-Cu. W
9..	SW	S	S	NNE	N	W	44.9	69.7	79.2	32.5	226.3	7	Ci.-S. W	S.-Cu.	8	A.-Cu. SW	Cu.-N.
10..	Calm	SW	SW	NNE	NE	NE	36.7	46.7	100.8	51.5	235.7	8	Ci.-S. W	S.-Cu. SE	4	Ci.-S. SE	Cu.-N.
11..	NW	W	SE	NE	SW	Calm	35.9	80	92.7	38.3	246.9	7	A.-Cu. SW	S.-Cu.	6	Ci.-S. W	Cu.-N.
12..	SW	S	S	NE	NW	W	37	109.4	91.7	39.4	277.5	1	Ci.-S.	Cu. S	1	.....	Cu.-N.
13..	Calm	Calm	N	NNE	E	E	25.5	56.3	113.7	49.3	244.8	0	.....	.....	1	.....	Cu.-N.
14..	E	Calm	NE	NE	NE	NE	30	69.8	129.5	79.5	308.8	0	.....	.....	1	Ci.	Cu.-N.
15..	Calm	Calm	SE	NE	NE	NE	25.2	73	102.5	43.3	244	0	.....	.....	0	.....	.....
16..	W	SW	S	NE	NE	SE	35.4	78.1	93.6	45.4	252.5	0	.....	.....	3	Ci.	Cu.-N.
17..	SE	SE	SE	NNE	N	Calm	55.8	106.2	107.5	48	317.5	0	.....	.....	0	.....	.....
18..	N	N	SE	NE	NE	SE	33.2	84.7	105.4	43.1	266.4	0	.....	.....	0	.....	.....
19..	S	S	S	NE	NE	NE	34.9	88.5	114.1	50.1	287.6	0	.....	.....	0	.....	.....
20..	N	SW	SE	NE	NE	NE	60.7	71 3	108.6	65.8	306.4	7	Ci.-S. NE	S.-Cu.	5	Ci.-S. NE	Cu.-N.
21..	Calm	Calm	SE	NE	NE	N	24.9	74.2	112.7	71.9	283.7	10	.....	S.-Cu. S	1	.....	Cu.
22..	SW	SW	S	NE	N	Calm	49.1	70.5	110.7	51	281.3	0	.....	.....	0	.....	.....
23..	Calm	W	SW	NNW	NW	NW	39.1	58.2	162.7	118.1	378.1	5	Ci.-S. NW	.....	1	.....	Cu.-N.
24..	W	W	SW	NW	NW	W	36.8	65.7	162.2	117	381.7	1	Ci.-S. NW	.....	8	Ci.-S. NW	Cu.
25..	W	Calm	NW	N	N	NE	32.8	49.4	111.3	107.6	301.1	2	Ci.	S.-Cu. SW	1	Ci.-S.	Cu.
26..	NE	SE	SE	E	NE	Calm	53	40.2	67.4	39.9	200.5	10	.....	Cu.-N. SE	10	Ci.-S.	S.-Cu. SW
27..	SE	SE	SE	NNE	N	Calm	44.1	57.9	123.1	57.7	282.8	8	Ci.-S. SW	S.-Cu.	8	Ci.-S.	Cu.-N. SW
28..	Calm	SW	S	N	NE	E	38.6	80.8	108.6	54.2	282.2	7	Ci.-S. E	S.-Cu.	8	Ci.-S. E	Cu.-N.
29..	Calm	S	S	NW	Calm	SW	39.1	57.7	69.5	39.1	205.4	10	Ci.-S. SW	S.-Cu.	9	Ci.-S. W	Cu.-N.
30..	S	S	S	NNE	N	N	79.1	90.6	99	58.2	326.9	8	Ci.-S. E	S.-Cu. S	7	Ci.-S.	Cu.-N. SW
31..	SW	S	SE	NNW	N	N	52.8	96.8	143	58.4	351	0	.....	.....	1	.....	Cu.-N.
Mean	.....	.....	.....	.....	.....	.....	39.4	73.9	109.5	58.3	281.1	3.2	.....	.....	3.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,713	.....	.....	.....	.....	.....	.....

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

JUNE, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	59.92	60.09	59.99	58.08	57.53	59.60	59.20	25.9	24.4	31.1	32.6	30.8	28	28.8	34.3	23.2	86	93	56	61	63	76	72.5	.....
2	59.42	59.71	59.75	57.58	57.35	59.49	58.88	26.4	25	31.1	32.4	30.7	27.3	28.8	34.3	24.3	82	88	67	63	67	76	73.8	.....
3	58.32	58.49	58.79	56.70	56.40	58.67	57.90	25.6	25.4	31.5	32.6	31	27.6	29	34.5	24	83	80	59	62	69	78	71.8	.....
4	58.12	58.32	58.16	56.16	55.88	57.96	57.43	25.5	26	31.8	33.5	31.8	27.9	29.4	35.5	24.3	82	79	54	58	55	72	66.7	.....
5	57.05	57.29	56.91	55.64	55.40	56.80	56.52	26.2	25.2	32	32.1	31	27.2	29	34.8	24.5	79	80	57	66	75	84	73.5	.....
6	55.44	55.74	55.94	54.48	54.45	56.37	55.40	26.7	25.2	31.8	32.8	31.5	27.1	29.2	35.1	24.1	80	82	58	63	60	82	70.8	.....
7	56.12	56.57	56.68	54.78	55.17	57.86	56.20	26	26	31.6	35.1	31.9	28.2	29.8	37.4	25	85	84	57	46	59	70	66.8	.....
8	58.04	58.39	58.33	56.41	56.35	59.55	57.84	26.3	25	32.6	34	30.5	28.9	29.6	36	24.4	78	82	54	59	62	66	66.8	.....
9	58.80	59.09	59.24	57.12	57.40	59.03	58.45	26	25.2	31.9	33.5	30.3	27.8	29.1	35.3	24.8	81	82	53	62	66	76	70	.....
10	58.18	58.49	58.35	56.82	56.57	57.57	57.66	25.7	25.8	31.4	32.4	29	27	28.6	35.1	24.5	84	82	55	60	78	83	73.7	.....
11	56.37	56.47	56.65	54.90	55.47	57.27	56.19	25.1	25.8	31.9	32	28.5	27	28.4	33.8	23.5	87	81	55	64	75	80	73.7	0.8
12	56.40	56.93	56.67	55.10	55.38	58.10	56.43	26	25.2	30.8	32.4	30.5	29	29	35.8	24.2	82	86	64	63	71	74	73.3	.5
13	57.81	58.22	57.90	56.87	59.22	60.47	58.42	27.1	26.2	32.6	33	25	24.8	28.1	35.5	23.5	82	82	53	63	93	89	77	44.7
14	59.03	59.21	59.15	56.88	58.12	60.09	58.75	24	24.1	30	31.9	26.8	25	27	32.8	23.3	91	91	71	69	78	90	81.7	1
15	58.99	59.09	59.15	57.48	58	59.57	58.71	24.9	25	30.8	32.4	30.3	28.2	28.6	34.7	23	90	88	65	67	72	82	77.3	.....
16	59.38	59.84	59.55	57.43	57.51	59.42	58.86	26.2	25.2	30.2	31.8	29.9	27.1	28.4	32.8	21.5	89	90	69	69	77	87	80.2	13.5
17	59.26	59.61	59.06	57.20	59.34	60.87	59.22	23	23.5	30.2	32.2	25.2	24	26.4	33.3	21.4	84	87	66	68	90	91	81	20.3
18	58.85	58.84	59.07	57.78	57.97	60.53	58.84	23.9	23.8	28.6	31.6	29.8	25.2	27.2	33.8	22.3	87	85	73	68	73	82	78	.....
19	59.30	59.84	59.67	58.20	58.45	60.22	59.28	23.8	23.6	29.6	33.6	30.8	27.5	28.2	35.1	22	83	82	65	54	67	78	71.5	.....
20	59.33	59.74	60.20	57.93	57.60	59.60	59.07	25.2	25	30.5	32.8	31	28.1	28.8	35.1	24	88	83	62	65	69	78	74.2	.....
21	58.39	58.79	59.06	57.25	57.15	58.99	58.27	26.9	25.9	31.3	33.4	30.3	29	29.5	35.3	24.3	81	85	58	60	76	75	72.5	.....
22	57.54	57.72	58.17	56.25	56.83	58.19	57.45	27	25	31.4	33.4	30.2	29.3	29.4	35.1	24.3	83	83	60	60	74	79	73.2	.....
23	57.42	57.77	58	13	56.18	56.95	58.39	57.47	26.5	26.1	31.3	33	30	26.5	28.9	35	25.1	88	89	61	61	75	82	76	.....
24	57.70	57.66	57.22	55.39	55.53	57.13	56.77	25.6	24.8	31.1	32.6	30.3	27.8	28.7	35	23.7	87	87	61	64	75	84	76.3	.....
25	56.53	56.67	56.58	54.93	55.35	56.96	56.17	27.1	25.6	31.5	32.8	30	28.6	29.3	35	24.8	83	87	63	60	71	80	74	.....
26	55.52	55.60	56.29	55	54.64	56	55.51	26.3	25.4	30.8	32.8	29.6	28.9	29	34.6	24	90	89	71	65	74	81	78.3	10
27	54.25	54.14	54.08	52.80	52.14	52.97	53.40	26.6	26.4	30.7	30.3	28.9	28	28.5	32.5	24.5	90	92	80	78	85	85	85	48
28	51.12	49.97	49.15	46.76	45.56	44.65	47.87	27.5	28	29	28	26	27.8	27.7	31	24.7	84	83	81	85	88	82	83.8	44.4
29	40.38	35.48	26.69	26.60	34	41.36	34.08	27	26.6	26	26	25.1	24.1	25.8	27.8	23.3	88	91	95	84	87	84	88.2	167.8
30	44.87	48.56	52.36	50.85	52.52	54.67	50.64	23.8	24.6	26.2	29.8	29.8	26.5	26.8	30.6	22.3	80	77	78	67	66	84	75.3	.....
Mean	56.59	56.74	56.56	54.85	55.34	57.28	56.23	25.8	25.3	30.7	32.2	29.6	27.3	28.5	34.2	23.8	84.6	85	64	64.5	73	80.3	75.2	.....
Total	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	351

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	Calm	S	NE	NE	NE	27.9	73	105.4	38.9	245.2	0			1		Cu.
2	SE	SE	E	NNE	NE	SE	39.1	53.4	111.3	49.6	253.4	8	A.-Cu.	NW S.-Cu.	1		Cu.-N.
3	SE	SE	SE	NE	NE	E	38.3	84.7	108.4	41.5	272.9	0			1		Cu.-N.
4	Calm	SE	S	NE	SE	SE	46.2	91.1	115.3	36.2	288.8	8	Ci.-S.	NW Cu.	2	Ci.-S. N	Cu.
5	SE	SE	SE	NNE	N	Calm	48	73	110.4	56.1	287.5	1	A.-Cu.	N S.-Cu.	5	Ci.-S. ENE	Cu.-N.
6	SW	SW	S	NE	NE	SE	46.7	71	124.2	49.9	291.8	0			7	A.-Cu. SE	Cu.-N.
7	SE	SE	S	SE	SE	SE	50.2	75.3	76.1	65.2	266.8	0			6		Cu.-N. S
8	SE	SE	SE	NE	E	S	50.9	76.2	130.4	45.7	303.2	0			6	Ci.-S. NE	Cu.-N. S
9	S	S	S	NE	E	SW	39.2	76.9	110	47.3	273.4	5	Ci.-S.	W S.-Cu.	1		Cu.-N.
10	SW	SW	S	NE	N	SW	45.3	60	117.2	69	291.5	8	Ci.-S.	W S.-Cu.	8	Ci.-S. W	Cu.
11	Calm	SW	S	N	N	W	35.4	66.8	97.2	56.3	255.7	10	Ci.-S.	SE S.-Cu.	2	Ci.-S.	Cu.-N.
12	SW	SW	S	NE	NW	Calm	33.5	85.9	115.6	64.7	299.7	5	Ci.-S.	NE S.-Cu.	2		Cu. S
13	Calm	SW	SE	NNE	SW	SW	25.7	94.8	132.2	46.7	299.4	0			2		Cu.-N. S
14	SW	SW	S	NNE	W	SW	46.4	68.2	91.7	43.1	249.4	8	A.-Cu.	SE S.-Cu.	2	A.-Cu. SSE	Cu.-N.
15	SW	Calm	SW	N	N	W	32.2	47.7	106.7	76.1	262.7	0			1		Cu. SE
16	W	W	SW	NE	N	W	34.1	50.9	101.1	94.6	280.7	8	Ci.-S.	SW S.-Cu.	10	Ci.-S. SW	Cu.-N. S
17	SW	SW	S	N	SW	S	44.8	70.8	100.8	56.3	272.7	10	Ci.-S.	SW S.-Cu.	2	Ci.	Cu. SE
18	S	S	S	S	N	S	55.5	76.4	101.4	70	303.3	1	Ci.-S.		6	Ci.-S. NW	Cu. S
19	S	S	S	S	N	Calm	64.2	104	97.6	32.8	298.6	2	Ci.-S.	NW Cu.	6	A.-Cu. SE	Cu.-N.
20	SE	SE	SE	NE	NE	SE	40.2	88.5	106.8	43.3	278.8	0			6	Ci.-S. NE	Cu. S
21	SE	SE	SE	NE	NW	NW	41.3	83.4	96.9	65.5	287.1	7	Ci.-S.	NW Cu.	7	Ci.-S. NW	Cu. SE
22	SW	SW	S	NE	NNW	SW	36.5	78.3	121	51.7	287.5	0			2	Ci.	Cu. S
23	SW	S	S	NE	NW	N	57.3	78.4	109.4	83.1	328.2	0			1		Cu.
24	SSW	S	S	N	NW	W	38	87.2	119.1	48.3	292.6	0			1		Cu. SE
25	W	SSW	S	NE	NW	N	45.7	71.1	111	71.4	299.2	0			8	Ci.-S. ENE	Cu.-N.
26	W	Calm	N	NE	NE	NE	43.5	49.6	131.4	86.3	310.8	0			4	Ci.-S. SE	Cu.-N.
27	Calm	Calm	NE	N	N	N	34.8	77.9	127.4	137.4	377.5	10		Cu.-N. ENE	6	Ci.-S.	Cu.-N. NE
28	N	N	NNE	N	NNE	N	153.5	193.2	186.9	208.9	742.5	8		Cu.-N. NE	10		Cu.-N. NE
29	NW	NW	NW	SSW	S	S	309	413.5	426.5	350.8	1,499.8	10		N. NW	10		N.
30	SE	SE	S	S	S	S	174.4	65.4	70.8	55.2	365.8	10		S.-Cu.	10	Ci.-S.	S.-Cu. SW
Mean	....	....	....	....	....	....	59.3	89.6	122	74.7	345.6	4	....	....	4.5	....	....
Total	....	....	....	....	....	....	....	....	....	....	10,366.5	....	....	....	....	....	....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

JULY, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Min.mum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	54.98	55.69	56.37	55.63	56.79	58.99	56.41	25.5	24.8	28.1	32	28.5	25.5	27.4	32.5	23.5	89	93	75	64	81	93	82.5	38.6
2..	58.01	58.21	58.42	57.30	57.25	59.15	58.06	25.2	25	29.2	29.4	28.5	27.9	27.5	30	24.2	90	87	77	79	87	85	84.2	.....
3..	58	58.16	58.30	57.36	57.10	58.28	57.87	26.3	25.8	29.1	29.8	28.2	27.6	27.8	30.5	25	91	89	81	75	82	84	83.7	.....
4..	56.17	56.58	56.27	55.40	55.10	56.47	56	27	26	29	29.8	28.6	28	28.1	31.4	25.3	86	92	76	70	80	88	82	.5
5..	54.58	54.16	55.20	53.90	53.61	54.80	54.38	26.9	25.6	29	30	28.2	28	28	31	25.1	86	87	77	74	80	79	80.5	.5
6..	53.55	54.22	54.44	53.44	53.02	54.52	53.86	27.2	26.6	29	30	28.7	27.9	28.2	31	26.2	84	87	81	77	83	85	82.8	1.5
7..	54.53	55.12	55.67	53.97	54.67	56.22	55.03	26.5	26.2	30.6	31.9	29.6	27.9	28.8	32.8	25.8	92	89	68	64	70	77	76.7	.....
8..	55.42	55.99	56.55	54.65	54.92	56.26	55.63	26.5	26.1	30.4	30.9	28.6	27.8	28.4	31.5	25.5	83	83	68	66	79	82	76.8	12.7
9..	54.99	54.83	55.02	52.68	52.42	54.20	54.02	27	25.8	30	30.4	29	28.8	28.5	31.3	25.3	84	90	71	69	78	79	78.5	.....
10..	52.27	52.24	52.57	51.04	50.70	52.52	51.89	26.8	25.2	30	31.4	29.5	28.8	28.6	31.8	24.5	84	90	71	63	75	76	76.5	.5
11..	51.54	52.04	52.54	52.02	51.82	53.79	52.29	27.4	26.1	28	29.4	29	28.2	28	29.6	25.3	78	82	78	73	74	77	77	1.5
12..	52.49	52.84	54.30	52.86	53.10	54.50	53.35	27	26.3	29.1	31.4	31	29	29	32.2	25.6	83	86	76	60	62	73	73.3	.....
13..	53.40	53.52	53.74	52.31	52.80	53.82	53.26	28.1	27.1	31.4	33.2	31.1	29.2	30	33.5	26.2	77	80	66	60	69	75	71.2	1
14..	53.29	53.50	54.02	52.81	53.06	54.14	53.47	28.6	27.6	30	31.5	30.3	28.5	29.4	32	26.8	77	79	71	66	72	78	73.8	.....
15..	53.29	53.46	53.59	52.90	53.10	53.95	53.38	28	27	31.4	30	28.8	28	28.9	32.5	26.1	79	80	66	75	78	81	76.5	7.8
16..	53	53.96	54.50	53.22	53.97	55.09	53.96	27.4	26.9	29	31.6	30.2	29.3	29.1	32.1	25.8	81	82	74	67	66	69	73.2	.....
17..	54.08	54.25	54.76	54.07	54.88	56.12	54.69	28	27.5	30.8	32.5	30.8	29.1	29.8	33.4	26.3	74	70	60	63	65	70	67	.....
18..	54.57	55.14	55.74	54.20	54.25	55.20	54.85	27.5	27	30.1	32.6	31.3	29.6	29.7	34.1	26.2	78	80	68	65	61	67	69.8	.....
19..	54.57	55.49	56.50	54.31	54.46	55.62	55.16	28.9	27.5	29.9	31	29.6	29	29.3	32.2	26.5	69	77	69	69	75	69	71.3	.....
20..	54.67	54.90	55.92	54.68	54.92	55.86	55.16	28	27	28.2	30.4	28.9	28.6	28.5	30.8	25.8	74	80	72	69	75	77	74.5	.....
21..	54.89	55.10	55.57	54.72	55.25	55.79	55.22	27.4	26.8	30	27.1	25.6	25	27	30.8	24.7	82	86	66	83	88	88	82.2	27.8
22..	54.63	53.88	54.56	53.17	53.39	54.51	54.02	25	24.2	26.8	28.4	26	25	25.9	29.3	23.6	88	90	82	77	84	88	84.8	2.1
23..	53.53	53.58	54.51	53.10	52.63	54.78	53.69	24.1	24	28.8	30.6	30.8	28.2	27.8	31.2	23.2	89	83	71	68	74	80	77.5	.....
24..	53.61	53.85	53.95	52.96	53.30	54.70	53.73	27	25	30.8	31	29.4	28.1	28.6	31.7	24.3	78	83	64	63	74	77	73.2	.....
25..	53.13	53.66	53.65	52.57	53.60	55.39	53.67	26.3	25.5	30.4	31.5	29.3	26.5	28.2	32.5	24.8	85	88	69	65	70	80	76.2	.....
26..	54.49	54.67	54.48	53.72	54.50	55.54	54.57	25.2	24.5	27.6	29.8	29	26.1	27	30	23.9	88	89	80	73	75	87	82	.5
27..	54.55	54.74	54.71	53.64	53.22	53.53	54.06	25.2	24.4	24.4	26	27	26	25.5	27.2	23.6	87	88	90	89	86	89	88.2	34.3
28..	52.35	52.50	52.67	51.88	52.11	53.31	52.47	25.2	24.5	24.2	24.6	25.2	25	24.8	25.8	23.3	94	92	93	95	94	92	93.3	50.2
29..	52.81	53.56	54.39	54.27	54.83	56.16	54.33	24.7	24	26.3	28	27.8	26.6	26.2	28.2	23.8	89	91	79	78	79	83	83.2	.....
30..	56.02	56.74	57.83	56.60	57.40	59.12	57.28	26	24.6	27.4	30.5	29.5	28.1	27.7	30.7	23.8	81	87	77	68	78	81	78.7	.....
31..	58.48	58.81	59.82	58.76	58.79	60.87	59.26	27.1	25.5	29.5	30	29	28	28.2	30.4	24.8	82	84	73	71	76	77	77.2	.5
Mean	54.38	54.69	55.18	54		54.22	55.59	54.68	26.7	25.8	29	30.2	28.9	27.7	28.1	31.1	25	83.3	85.3	73.8	70.9	76.4	80.2	78.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	180

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	S	S	S	S	NE	S	42.1	69.4	59.7	60.2	231.4	10	A.-Cu.	SW S.-Cu.	10	Ci.-S.	Cu. S
2..	Calm	Calm	Calm	N	N	W	18.8	44.1	67.8	22.3	153	8	Ci.-S.	NE S.-Cu.	10	Ci.-S.	SE Cu.-N.
3..	SW	Calm	SW	N	N	Calm	27.1	33.8	71.1	29.6	161.6	0	.....	.....	1	.....	Cu. N
4..	Calm	Calm	Calm	N	N	NNW	16.7	34.4	68.6	65.8	185.5	8	Ci.	NE Cu.	7	Ci.-S.	E Cu. NW
5..	Calm	W	W	N	N	N	26.6	30.9	52	44.6	154.1	10	A.-Cu.	E cu.-N. NW	10	Ci.-S.	Cu.-N.
6..	N	NW	N	NNE	NE	NE	32.5	48.6	129.7	83.2	294	10	.....	N. E	8	Ci.-S.	Cu. E
7..	NE	ENE	ENE	ENE	E	E	32.2	55.5	130	69.8	287.5	1	Ci.-S.	Cu.-N.	7	Ci.-S.	Cu. SE
8..	E	E	E	NE	NE	NW	41.8	44.5	103.6	56.1	246	7	Ci.-S.	SE Cu.	1	.....	Cu.
9..	W	W	N	NE	NNE	NE	35.1	41.5	70	45.7	192.3	9	Ci.-S.	SE Cu.	5	Ci.-S.	Cu. W
10..	E	SE	SSE	N	NE	NE	54.1	57.9	74.3	41.5	227.8	3	Ci.-S.	N Cu.	2	Ci.-S.	W Cu.
11..	S	S	S	S	S	S	71.4	55.7	47.5	49.7	224.3	10	.....	S.-Cu. S	10	.....	S.-Cu. SW
12..	S	S	S	SSW	SW	SW	47.3	73.7	116.9	51.7	289.6	7	.....	S.-Cu. sw	10	A.-Cu.	W S.-Cu. SW
13..	SW	S	S	S	SW	E	57.6	85.1	63.9	41	247.6	10	.....	S.-Cu. sw	10	.....	S.-Cu. SW
14..	Calm	Calm	S	N	SW	SW	30.3	40.2	47.7	45.6	163.8	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	S.-Cu. SW
15..	Calm	SW	S	W	Calm	Calm	23.3	67.6	53.4	29.2	173.5	10	Ci.-S.	E S.-Cu. sw	10	.....	S.-Cu. SW
16..	W	S	S	NNW	WSW	SW	41.8	63.9	58.5	92	256.2	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	S.-Cu. SW
17..	S	S	S	NW	SW	SW	37	63.9	60.4	55.7	217	10	.....	S.-Cu. sw	7	.....	Cu. SW
18..	S	S	S	NW	SW	Calm	51.3	48.8	79.2	45.6	224.9	10	.....	S.-Cu. sw	4	Ci.-S.	E Cu. SW
19..	SW	Calm	SW	NW	NW	W	32.7	43	60	36.7	172.4	10	.....	S.-Cu. sw	7	Ci.-S.	Cu. SW
20..	SW	Calm	S	S	NW	Calm	40	70.3	46.4	21.5	178.2	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	S.-Cu. SW
21..	W	SW	S	WSW	Calm	S	41.2	77	37.2	46.7	202.1	10	.....	S.-Cu. sw	10	.....	N. SW
22..	Calm	S	S	S	S	S	57.9	64.4	92.3	93.6	308.2	10	.....	N. SW	10	Ci.-S.	S.-Cu. NW
23..	S	S	S	N	NW	E	91.4	51.8	55.7	30	228.9	0	.....	.....	5	.....	Cu. WSW
24..	Calm	Calm	Calm	N	S	Calm	24.1	34.8	52.1	24.1	135.1	0	.....	.....	8	A.-Cu.	NW Cu.-N.
25..	S	Calm	S	N	SE	S	29	38.3	56	65.8	189.1	1	A.-Cu.	S.-Cu.	7	A.-Cu.	W Cu.-N.
26..	S	S	S	Calm	Calm	S	38.1	33.5	34.8	47.2	153.6	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	S.-Cu. W
27..	S	S	S	S	Calm	S	71.6	91.7	44.1	28	235.4	10	Ci.-S.	S.-Cu. sw	10	Ci.-S.	S.-Cu. SW
28..	S	S	S	S	S	S	43.5	55.5	48.5	54.4	201.9	10	.....	N.	10	.....	N.
29..	S	S	S	S	S	S	81.5	83.1	52.5	46.7	263.8	10	.....	S.-Cu. sw	10	.....	S.-Cu. SW
30..	S	S	S	S	Calm	Calm	51.2	66.3	47.7	14.7	179.9	10	.....	S.-Cu. sw	10	.....	S.-Cu. SW
31..	E	SE	SE	SE	SE	Calm	41	54.7	59.8	26.8	182.3	10	A.-Cu.	NW S.-Cu.	10	A.-S.	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	42.9	55.6	65.9	47.3	211.6	7.9	.....	.....	8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,561	.....	.....	.....	.....	.....	.....

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

AUGUST, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	59.52	60.04	60.77	59.13	59.81	61.05	60.05	26.9	25.3	26.2	27.4	25.1	25	26	28	24	82	89	86	81	83	83	84	25.1
2..	58.55	58.79	60.02	59.04	58.99	59.51	59.15	24	23.1	24.2	25	24.7	24.6	24.3	25.1	22.6	88	90	91	88	88	88	88.8	3.6
3..	58.38	58.54	59.63	57.64	57.74	59.17	58.52	24.1	23.7	24.8	26.6	26.7	26.1	25.3	27.7	23.1	92	94	90	87	88	91	90.3	2
4..	58.06	58.24	58.40	56.72	57.30	58.75	57.91	25	24.5	27.8	30.4	28	27.1	27.1	30.5	23.8	94	92	79	71	82	85	83.8	.....
5..	57.79	57.89	58.40	56.49	56.84	58.42	57.64	26.8	25.2	30.1	30.2	28.6	28	28.2	32	24.8	84	90	68	70	75	77	77.3	.....
6..	57.54	57.76	57.69	55.69	55.82	57.21	56.95	26.1	25	29.8	31	29	28.7	28.3	32.6	24.4	81	83	66	63	75	75	73.8	.....
7..	56.24	56.91	57.17	56.04	56.37	58.05	56.80	27	26	30.6	31.6	29.5	28.9	28.9	33	25.1	80	81	62	66	75	75	73.2	.....
8..	57.13	57.39	57.87	56.65	57.17	58.50	57.45	27.2	26.2	30.5	31.2	29.2	28	28.7	32.6	25.8	83	85	68	69	73	77	75.8	.....
9..	57.40	57.59	58.27	56.19	56.97	58.20	57.44	27.8	25	28.6	30.9	29	26.9	28	31.8	24.4	76	85	76	69	76	85	77.8	24.4
10..	56.77	56.60	57.02	55.98	56.40	57.31	56.68	25.6	24.3	28.3	30.2	25.2	25.1	26.4	31.5	24	88	91	78	71	90	89	84.5	8
11..	55.79	55.95	56.06	54.17	54.02	54.64	55.10	25	24.1	28.4	30.2	25.4	25.6	26.4	31	23.5	88	91	80	74	90	95	86.3	58.7
12..	52.38	51.51	49.97	51.01	52.38	54.13	51.90	25.4	25.3	25.5	23.6	23.8	23.9	24.6	25.9	23	95	94	93	92	93	92	93.2	79.8
13..	53.08	53.16	53.78	52.21	53.49	54.99	53.45	23.9	23.8	26.8	29.5	25.2	25.1	25.7	29.9	22.8	92	93	85	78	90	91	88.2	2.6
14..	55.09	55.70	56.48	54.82	55.90	58.08	56.01	24.9	24.1	27.5	30.2	28.5	27.9	27.2	30.5	23.5	88	87	78	66	78	82	79.8	.....
15..	57.89	58.39	58.70	57.74	58.40	60.15	58.54	26.5	25.4	29.1	31	29.1	27.9	28.2	31.4	24.8	85	87	74	71	80	79	79.3	.....
16..	59.10	59.44	60.02	58.50	58.85	60.85	59.46	26.2	25.2	30.1	30.4	28.5	27.9	28	31	24.8	86	90	68	68	80	82	79	23.1
17..	59.47	59.83	59.83	57.65	57.62	58.45	58.81	27	25.5	27.9	29.4	28	27.2	27.5	29.6	24.7	84	89	84	75	81	86	83.2	7.2
18..	57.13	57.06	57.52	55.37	55.30	56.85	56.54	27	25.2	29.2	30	28.2	27.9	27.9	30.4	24.8	84	90	73	69	77	78	78.5	1
19..	55.42	55.76	56.95	55.59	55.67	57.75	56.19	26.6	25.1	29	30.3	28.2	27.9	27.8	30.8	24.5	83	91	75	68	76	77	78.3	.....
20..	56.44	56.84	57.70	56.34	57.15	58.47	57.16	27	25	29.1	30.5	28.2	28	28	31	24.3	80	90	74	63	76	77	76.7	.....
21..	57.54	57.99	58.16	56.70	57.42	58.92	57.79	26.9	25.4	29.4	30.5	29	28	28.2	31.2	24.8	82	88	74	68	75	80	77.8	14.7
22..	57.54	57.85	58.45	57.19	57.15	58.70	57.81	26.9	26	29.5	30.5	28.8	28	28.3	30.9	25.1	85	88	76	72	76	80	79.5	1.8
23..	57.49	57.43	57.87	56.11	55.65	56.45	56.83	27	25.8	29.1	30.8	28.4	27.4	28.1	31.2	25	84	89	70	69	76	79	77.8	.....
24..	54.21	53.87	53.65	51.53	51.47	53.24	53	26	24.5	29	31.4	29.8	27.8	28.1	32.6	23.8	81	83	67	66	70	75	73.7	.....
25..	53.13	53.76	54.82	54.04	55.12	56.25	54.52	27.1	26.2	30.1	31.8	29	28	28.7	32.9	25.8	75	75	63	58	74	79	70.7	.....
26..	56.09	57.04	58.02	56.64	56.87	58.01	57.11	27.2	27	29.1	30.1	29.1	28	28.4	32	26.4	84	84	77	71	74	79	78.2	1.8
27..	57.32	57.17	57.80	56.66	56.90	58.15	57.33	27.4	26	28.5	28.5	28	27	27.6	30.1	25.4	79	84	78	78	79	84	80.3	.5
28..	56.73	56.66	57.19	55.45	55.85	57.67	56.59	26	25	30.4	31	29.3	27.1	28.1	31.6	24	88	92	66	65	72	82	77.5	.....
29..	56.69	56.81	57.52	55.81	56.62	58.08	56.92	26.2	25	29.4	30.5	29.5	26.5	27.8	31.3	24.5	82	88	70	65	75	85	77.5	.5
30..	57.17	57.44	58.20	56.36	57.24	58.65	57.51	25.9	25	29.7	30.5	28.8	26.1	27.7	32	24.3	85	87	69	72	78	83	79	.....
31..	57.09	56.91	57.62	55.86	56.60	57.92	57	24.8	24	28.5	30.5	28.7	27	27.2	31.5	23.3	89	91	75	67	75	84	80.2	4.3
Mean	56.78	56.98	57.47	55.98	56.42	57.82	56.91	26.2	25.1	28.6	29.9	28	27.1	27.4	30.8	24.4	84.7	88.1	75.3	71.3	79	82.4	80.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	251.9

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SE	Calm	Calm	Calm	NNE	Calm	24.7	19.8	42	27.4	113.9	10	A.-Cu.	S.-Cu. SE	10	A.-S.	Cu.
2..	SW	S	S	Calm	Calm	S	46.4	52.8	25.7	17.1	142	10	.....	S.-Cu. W	10	.....	N.
3..	S	S	S	S	Calm	Calm	30.6	29	32.8	18	110.4	10	.....	N. W	10	.....	S.-Cu. S
4..	S	S	S	S	NE	NE	43	67.4	63.8	29.6	203.8	10	Ci.-S.	S.-Cu. W	10	Ci.-S.	S.-Cu. SW
5..	Calm	Calm	SW	NNE	NNE	Calm	21.5	27.7	84.2	29.3	162.7	2	Ci.-S. NE	Cu.	8	Ci.-S. NE	Cu. SW
6..	SW	Calm	S	N	N	Calm	30.4	41	71	32.4	174.8	10	A.-Cu.	S.-Cu. S	1	.....	Cu.
7..	Calm	Calm	SW	NNE	NNE	NE	28.5	37.6	80.3	64.2	210.6	2	Ci.-S. SE	S.-Cu.	1	.....	Cu. SW
8..	S	Calm	S	N	N	NE	28.7	25.2	89.5	56.1	199.5	0	.....	.....	7	Ci.-S. E	Cu.
9..	Calm	SE	S	N	N	NE	38	58.9	92.2	47.2	236.3	10	Ci.-S. NE	S.-Cu.	6	Ci.-S. NE	Cu.-N.
10..	SE	SE	S	NE	SW	Calm	45.6	53.6	69.5	20.3	189	2	A.-Cu. NE	S.-Cu.	10	A.-Cu.	S.-Cu. W
11..	SW	Calm	NW	NW	NW	W	20.6	54.4	118.1	73.7	266.8	8	A.-Cu. E	S.-Cu.	10	Ci.-S.	cu.-N. NNW
12..	N	W	SW	S	SE	SSE	71.4	160.3	157.1	52.9	441.7	10	.....	N. NW	10	.....	S.-Cu. SW
13..	SSE	SSE	SE	S	Calm	W	40.5	68.1	58.7	26.9	194.2	10	.....	S.-Cu. S	10	Ci.-S.	Cu.-N. S
14..	S	S	SSE	SE	Calm	Calm	52.1	82.7	82.1	18.8	235.7	10	.....	S.-Cu. S	10	A.-S.	S.-Cu. S
15..	Calm	Calm	SE	NE	NW	NW	32.4	46.4	60.2	43.8	182.8	10	Ci.-S.	S.-Cu. S	10	Ci.-S.	Cu. S
16..	Calm	Calm	Calm	NE	NE	NE	15.8	33.2	96	70.5	215.5	10	Ci. E	S.-Cu.	1	Ci.	Cu.
17..	Calm	W	Calm	N	N	NE	30.3	26	48.6	38	142.9	10	.....	N. N	5	Ci.-S. W	Cu. N
18..	Calm	Calm	NW	N	N	N	25.7	37	67.3	39.9	169.9	6	Ci.-S. SW	Cu.	2	Ci.-S.	Cu. NE
19..	SW	SW	WNW	NNW	NW	N	37.3	48.6	95.5	46.5	227.9	10	Ci.-S. SW	Cu.-N.	8	Ci.-S.	Cu. NNW
20..	W	S	S	N	N	Calm	42.3	47	77.2	37.5	204	5	A.-Cu. SW	Cu.	4	Ci.-S. SW	Cu.
21..	NW	Calm	Calm	N	N	Calm	34.4	33.6	83.5	54.9	206.4	2	Ci.-S. N	S.-Cu.	1	Ci.-S.	Cu.-N.
22..	Calm	SW	N	NNE	NE	NE	30.1	35.7	84	55	204.8	7	Ci.-S. SW	Cu.	8	Ci.-S.	Cu. NE
23..	SE	W	NW	NW	NW	W	33.2	38.6	96	61.4	229.2	8	Ci.-S. NW	S.-Cu.	10	Ci.-S. E	Cu. N
24..	SW	SW	S	N	Calm	S	42.8	55.2	43.3	83.5	224.8	10	A.-Cu. E	S.-Cu.	10	Ci.-S.	S.-Cu.
25	SW	S	S	NE	N	NW	49.7	60.7	90.4	85.6	286.4	10	Ci.-S. NE	S.-Cu.	10	Ci.-S. NE	Cu.
26..	SW	Calm	E	NE	NE	NE	31.9	48	109.4	82.4	271.7	10	Ci.-S. NE	S.-Cu.	8	A.-Cu. SE	S.-Cu.
27..	Calm	ENE	SE	NE	Calm	SE	23.1	49.6	51.8	31.4	155.9	10	.....	S.-Cu. E	10	Ci.-S.	S.-Cu. E
28..	Calm	Calm	E	NE	SE	Calm	21.2	40.4	79.9	43.8	185.3	0	.....	.....	1	.....	Cu. SE
29..	S	S	S	NE	Calm	S	31.4	63.9	66	62.8	224.1	0	.....	.....	1	A.-Cu. S	Cu.
30..	Calm	S	SSE	NE	NE	S	36.7	55.3	86.4	55.2	233.6	10	Ci.-S.	S.-Cu. SE	8	Ci.-S. E	Cu. SE
31..	S	S	S	NE	NE	W	71.4	78.4	92.2	55.3	297.3	10	Ci.-S.	Cu. S	9	Ci.-S. E	Cu.
Mean	.....	.....	.....	.....	.....	.....	35.9	50.8	77.2	47.1	211.1	7.5	.....	.....	7.1	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,543.9	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	57.13	57.39	58.82	56.55	57.21	59.22	57.72	25.4	25	26.3	29	27.8	26.6	26.7	29.8	24.3	93	88	90	74	81	86	85.3	.....
2..	57.89	57.96	58.80	56.90	57.52	59.17	58.04	25.7	25	28.5	30	28.2	27	27.4	31	24.6	88	92	78	69	79	84	81.7	.....
3..	57.93	57.13	57.55	55.79	56.25	57.54	57.03	26.1	25	29	30.3	28.2	27.1	27.6	30.8	24.3	87	92	76	70	79	83	81.2	0.5
4..	55.14	55.10	55.65	53.33	53.02	54.04	54.38	26.1	24.9	29.3	30.9	28.2	27.8	27.9	31.7	24.2	85	87	72	66	80	80	78.3	.....
5..	52.90	53	53.74	51.70	52.03	53.53	52.82	27	26.2	27.4	30.8	28.2	28	27.9	31.2	25.7	86	89	86	70	80	81	82	2.8
6..	52.68	52.80	54.18	52.90	54.23	54.97	53.63	27	26.9	27.1	30.9	28	27.5	27.9	31.3	25.2	86	85	87	72	79	81	81.7	4.5
7..	53.48	53.67	54.17	52.56	52.65	54.14	53.44	26.3	24	29.2	31.5	29.4	26.9	27.9	31.8	23.5	83	91	73	64	79	89	79.8	.....
8..	53.43	53.59	54.10	52.48	52.95	54.05	53.43	26	25	32	33	28.9	28	28.8	34.6	24.3	89	92	60	57	75	77	75	.....
9..	53.35	53.53	54.03	52.98	53.57	55.42	53.81	25.2	24.3	30.4	32.3	29.1	28	28.2	32.8	23.3	92	89	66	62	73	77	76.5	.....
10..	54.99	54.39	55.30	53.55	54.02	55.60	54.64	26	25.8	29	33.5	29.5	27.1	28.5	34.2	24.9	88	85	74	55	68	79	74.8	1
11..	54.77	54.94	56.25	54.27	55.17	56.92	55.39	26.2	25.2	26.9	30.8	29.4	27.9	27.7	31.5	24.5	82	86	77	62	72	78	76.2	.....
12..	55.99	56.20	57.19	56.14	56.90	58.68	56.85	26.7	25.1	30.4	33.1	28	26.9	28.4	35.5	24.6	83	91	63	57	79	82	75.8	.....
13..	57.99	58.39	58.94	57.57	57.85	58.97	58.28	26	25	30.1	29.8	28.4	26.9	27.7	32	24.6	85	92	68	69	75	81	78.3	.....
14..	58	58.12	59.25	58.42	58.84	60.14	58.80	25.5	25	28.8	26.4	26.5	25	26.2	30	24.3	89	92	79	89	84	90	87.2	.8
15..	59	59.09	59.88	58.45	58.97	60.29	59.28	24.2	23.6	27.6	29.3	24.7	24	25.6	30.5	23	91	93	76	65	90	91	84.3	11.2
16..	58.65	58.49	59.82	57.97	58.37	60.28	58.93	23.6	23.1	27.5	30.1	26.6	25.7	26.1	30.8	22.8	91	94	76	64	72	78	79.2	.3
17..	59.43	59.59	60.12	57.63	57.60	59.66	59	24.4	24.1	29.8	32	28.1	25.9	27.4	32.2	23.5	88	91	69	63	77	85	78.8	.....
18..	59	59.14	59.71	57.45	58.42	60.35	59.01	25	24.1	29.1	30.8	29	27	27.5	32.4	23.3	89	95	74	67	71	82	79.7	2.8
19..	59.81	60.12	60.32	58.65	59.32	61.17	59.90	26	25	28.6	31.6	28	24.9	27.4	32.5	23.9	86	92	80	66	80	92	82.7	40.7
20..	60.07	59.61	59.90	58.07	58.01	59.28	59.16	24	23.9	28.5	29.6	27.5	27	26.8	31.5	23.1	93	92	77	68	73	75	79.7	.....
21..	57.97	57.59	58.11	56.59	56.70	58.32	57.55	26.1	24.2	28.6	31.3	28.1	27	27.6	32.3	23.4	81	94	70	58	68	73	74	.....
22..	57.48	57.61	57.94	56.38	56.85	58.57	57.47	24.2	23.8	30.5	31	28	27	27.4	32.3	23	88	89	68	65	74	78	77	.....
23..	57.32	57.50	58.06	56.30	57.22	59.22	57.60	24.2	24	29.3	30.4	27.8	27	27.1	32	23.2	93	91	72	65	75	75	78.5	15.5
24..	59.13	59.31	59.47	58.52	59.15	60.71	59.38	24	23.8	28	29.6	26	26.1	26.2	31	23	91	93	79	70	84	83	83.3	3 9
25..	60.66	60.84	61.80	59.98	59.87	61.22	60.73	25	23.9	28	28.4	27	26	26.4	31.1	23	90	92	77	79	84	88	85	.....
26..	60.32	61.07	61.82	59.76	59.90	61.70	60.76	25.6	24.5	29	30.1	27.5	25.7	27.1	31.5	23.7	88	94	78	77	81	87	84.2	1.1
27..	61.17	60.83	61.69	59.66	60.20	61.64	60.86	24	23.8	29	29.8	28.1	26.9	26.9	31.8	23	87	89	78	75	78	81	81.3	.....
28..	60.23	60.39	60.61	58.50	58.55	59.85	59.69	25.9	23.7	30.8	30.8	27.5	26.9	27.6	32.2	23	85	94	67	67	77	77	77.8	.....
29..	58.30	58.26	58.28	56.20	56.07	57.28	57.40	24.8	23.8	28	26.6	27.2	26.5	26.2	31.6	23.3	89	93	82	88	83	86	86.8	2
30..	55.89	55.67	56.59	54.45	55.42	56.04	55.68	25.8	26.5	30.8	30.6	25	26.1	27.5	32.5	24.5	87	84	69	70	90	87	81.2	10.4
Mean	57.34	57.38	58.07	56.32	56.76	58.27	57.36	25.4	24.6	28.9	30.5	27.8	26.7	27.3	31.9	23.8	87.8	90.7	74.7	68.1	78	82.2	80.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97.5

Day.	Wind. Direction.						Total movement in 6 hours.				Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	SW	SW	S	N	Calm	W	39.7	34.3	57.4	39.7	171.1	10	Ci.-S.	S.-Cu. S	10	A.-Cu.	S.-Cu.
2..	SW	Calm	SW	N	NW	SW	42.8	31.6	71.8	38.9	185.1	10	Ci.-S.	S.-Cu. SW	6	Ci.-S. SE	Cu.
3..	SW	SW	Calm	N	NNW	Calm	29.8	30.6	92	39.1	191.5	10	Ci.-S. SE	S.-Cu.	7	A.-Cu.	Cu. N
4..	Calm	SW	NW	NW	NW	NW	31.4	54.2	110.7	81.8	278.1	9	Ci.-S. N	Cu.-N. NW	8	A.-Cu. N	Cu.
5..	W	Calm	Calm	N	NW	N	33.6	29	77	85.6	225.2	10	.....	Cu.-N. NE	9	A.-Cu. E	Cu. NE
6..	NW	NW	NW	NW	NW	SW	73	86.3	141.6	58.9	359.8	10	.....	Cu.-N. N	10	Ci.-S. W	Cu. NW
7..	Calm	S	Calm	NE	NW	SW	42.8	48.6	95.8	96.6	283.8	0	.....	.....	4	Ci.	Cu.
8..	W	Calm	NW	NW	NW	NW	37.2	32.4	144.2	128.5	342.3	10	Ci. E	.....	10	Ci. E	Cu. NW
9..	Calm	Calm	SW	NW	NW	W	25.7	57.9	155.8	63.4	302.8	10	Ci.-S. E	S.-Cu.	10	Ci.-S. NE	Cu.
10..	S	S	Calm	NW	NW	Calm	30.3	28.7	92.7	47.7	199.4	10	A.-Cu.	S.-Cu. NW	7	Ci.-S. S	Cu.-N. NW
11..	SW	S	SSW	SSW	Calm	Calm	49.9	116.1	46.5	27.6	240.1	10	.....	S.-Cu. W	10	.....	S.-Cu. W
12..	NW	Calm	SSW	SW	SW	SW	48.6	64.4	45.1	28.5	186.6	10	A.-Cu. NE	S.-Cu.	10	.....	S.-Cu. SW
13..	Calm	Calm	S	NW	NW	Calm	19	45.1	57.6	18	139.7	10	.....	S.-Cu. SW	10	.....	S.-Cu. SW
14..	Calm	Calm	Calm	NW	Calm	SW	21.9	52.8	60.6	32.5	167.8	9	A.-Cu. W	S.-Cu.	10	.....	Cu.-N. NW
15..	SW	Calm	Calm	NNE	NE	SW	30.9	27.7	73.7	41.8	174.1	10	A.-Cu. NW	S.-Cu.	10	.....	S.-Cu. N
16..	SW	Calm	Calm	NE	NE	E	31.6	35.7	125.2	60.9	253.4	7	A.-Cu. SE	S.-Cu.	7	A.-Cu. W	Cu.
17..	Calm	Calm	Calm	E	NE	WNW	23	35.6	80.5	80	219.1	10	A.-Cu. NE	S.-Cu.	1	.....	Cu.
18..	W	SW	NW	NE	N	Calm	32.8	41.3	84	36	194.1	3	A.-Cu. NE	S.-Cu.	1	Ci.	Cu.
19..	W	SW	N	NE	N	Calm	25.4	38.3	100.6	46.9	211.2	7	.....	Cu.-N. E	1	.....	Cu.-N.
20..	Calm	SE	Calm	NE	NE	NE	22	29.5	78.3	80.2	210	7	.....	Cu.-N. NE	7	A.-Cu. NW	Cu.-N.
21..	NE	SE	Calm	E	NE	NE	49.3	30.9	59.8	49.9	189.9	1	.....	Cu. NE	1	.....	Cu.-N.
22..	S	Calm	Calm	NE	N	NE	33.3	37.5	75.4	73.2	219.4	1	.....	Cu. NE	1	.....	Cu.-N.
23..	S	S	S	NE	N	NE	37.8	37.3	79.4	94.1	248.6	2	Ci.-S. SW	S.-Cu.	1	.....	Cu.-N.
24..	S	NNE	Calm	NE	ENE	NE	49.7	38.3	102	96	286	10	.....	Cu.-N. NE	10	.....	Cu.-N. SE
25..	Calm	Calm	SE	NE	NE	NE	31.9	23.8	80.3	85.3	221.3	10	A.-Cu.	S.-Cu.	10	.....	S.-Cu. E
26..	Calm	Calm	E	ENE	NE	Calm	25.7	43.3	84.7	45.6	199.3	10	A.-Cu. S	S.-Cu.	5	.....	Cu.-N. SE
27..	Calm	Calm	E	NE	NE	NE	28.8	42.1	78.1	90.3	239.3	5	A.-Cu. SE	S.-Cu.	9	.....	Cu.-N. SE
28..	Calm	Calm	NE	NE	NE	NE	30.6	38	98.8	106	273.4	10	Ci. S	S.-Cu.	1	.....	Cu. NE
29..	Calm	Calm	Calm	N	NNE	N	29	34.6	55	61.5	180.1	1	.....	Cu.-N. E	10	.....	N.
30..	N	N	N	NNW	NE	NNW	72.4	87.5	126.1	140.5	426.5	7	Ci.-S. SE	Cu.-N. NE	9	Ci.-S. SE	Cu.-N. NE
Mean	.....	.....	.....	.....	.....	.....	36	44.4	87.7	65.8	234	7.6	.....	.....	6.8	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,019	.....	.....	.....	.....	.....	.....

APARRI.

[$\phi = 18°\ 22'$ N; $\lambda = 121°\ 38'$ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.57 mm.]

OCTOBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.						Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1	54.42	54.54	55.60	53.78	53.87	55.26	54.58	27	26.9	28.6	26.4	26	26.5	26.9	30.1	24.5	83	82	80	92	92	90	86.5	44.7
2	53.67	53.62	54.51	52.21	52.33	53.54	53.31	26.4	26.5	28.8	29	27.4	26	27.4	30.5	24.7	90	88	79	80	84	88	84.8	5.3
3	51.64	51.75	52.39	50.59	51.19	52.18	51.62	26.1	26.7	28	27	25.9	25.9	26.6	28.4	24.8	89	86	85	87	88	85	86.7	4.4
4	51.90	52.76	54.24	53.65	55.07	57.09	54.12	25	24.5	29.9	28	26.9	25.3	26.6	31.6	23.7	88	87	71	85	85	91	84.5	9.2
5	56.49	57.33	58.39	57.24	58.38	59.73	57.93	24.1	24	29.9	26.6	25.5	24.7	25.8	32.9	23.4	96	96	69	85	92	92	88.3	4.6
6	58.25	59.10	60.17	58.39	58.41	59.52	58.97	24	23.9	27.4	30	27	25.2	26.2	30	23.3	94	92	85	71	86	90	86.3	.....
7	58.75	58.86	59.64	57.88	58.75	60.13	59	24.8	24	29.5	30.4	27	26	27	31.3	23.3	90	94	77	68	78	82	81.5	4.5
8	59.47	59.64	60.51	58.51	58.97	60 55	59.61	25	24	29.5	29.9	27	26	26.9	30.7	23.2	88	93	71	71	80	86	81.5	1.5
9	59.93	60.03	61.34	59.46	59.75	61.02	60.26	25.6	25	29.5	29.8	26.6	26.1	27.1	30.8	24.2	88	92	69	66	76	77	78	.....
10	59.81	59.95	61.20	59.40	59.47	60.87	60.12	26	25.2	28.5	30	26.8	25	26.9	30.8	24.4	77	82	60	62	74	83	73	1
11	59.90	60.02	61.42	59.68	59.64	61.23	60.32	25.5	24.5	25.1	25.6	25.5	25.2	25.2	26	22.5	81	87	85	86	80	80	83.2	15.6
12	59.93	60.07	61.64	60 11	60.28	61.17	60.53	25.2	25	28.9	27.8	26	25.1	26.3	29.8	23.2	78	76	67	67	75	79	73.7	6.4
13	60.24	60.46	61.13	59.17	59.47	60.17	60.11	24.1	25.4	27.8	27	25 8	25.1	25.9	28.6	23	82	73	69	70	70	73	72.8	2.4
14	58.93	58.59	59.19	57.31	57.14	57.64	58.13	25	24.9	27	25	25.2	24.9	25.3	28	23.4	77	80	66	87	86	91	81.2	11.9
15	55.82	55.09	55.64	52.62	52.56	53.09	54.14	25	26	26.9	27.1	26	26.6	26.3	27.8	23.8	92	88	85	86	95	90	89.3	11.3
16	50.97	52.13	54.50	53.19	54.42	56.24	53.58	25.8	25.5	28.4	29.9	27	25.2	27	31.4	24.2	90	92	79	73	80	91	84.2	.3
17	55.67	56.59	58.33	55.40	55.69	57.45	56.52	25.1	24	25.2	28.1	25.5	25	25.5	29	23.3	86	91	90	80	90	95	88.7	22.1
18	56.65	56.94	57.74	56.04	55.84	58.09	56.88	23.4	24.5	25.4	27.3	25	24.3	25	27.5	22.8	93	94	93	80	90	94	92.3	72.5
19	57.37	58.04	59.38	56.79	57.10	59.59	58.04	24.4	24	24.7	28.1	25.1	24	25	28.8	23.3	93	96	96	85	88	88	91	39.9
20	58.28	58.44	59.90	58	58.44	59.68	58.79	23.6	23	27.6	29.3	25.6	24.9	25.7	29.8	22 5	90	95	79	76	91	92	87.2	.5
21	58.83	58.89	59.47	57.80	56.79	57.39	58.20	24.1	23.8	28.9	26.2	25.2	25.8	25.7	29.4	23.2	95	93	72	84	94	91	88.2	22.9
22	55.80	54.89	54.62	49.64	45.57	49.15	51.61	26	25.1	24.9	25.6	24.8	24	25.1	27.6	23.3	90	96	92	88	95	91	92	78.5
23	50.21	53.30	54.87	54.02	55.44	56.84	54.11	24.2	24.6	30.2	29.6	25.8	25.1	26.6	31.8	23.8	90	87	70	71	84	85	81.2	6.4
24	56.09	56.79	57.57	55.74	56.51	57.82	56.75	24.1	24.3	27.6	32.5	27.5	26	27	33.1	23.3	89	85	70	51	73	82	75	.....
25	56.62	57.06	58.33	57.07	58.02	59.62	57.79	25.1	24.4	26	27.2	26	24.6	25.6	27.5	23.8	88	92	84	84	90	95	88.8	.....
26	59.31	60.44	61.99	60.47	61.30	63.35	61.14	24	23	27.6	28.8	26.3	25	25.8	30.3	22.5	94	95	83	83	93	90	88	2.1
27	62 99	63.54	65.15	63.05	63.77	64.74	63.87	24	23.7	29.6	30.4	26.5	25.1	26.6	30.6	23.1	96	94	77	72	82	88	84.8	.8
28	63.10	63.67	64.47	62.09	63	63.97	63.38	24.7	23.5	27.5	30	26.5	25.8	26.3	31.3	22.9	87	94	74	71	80	81	81.2	.....
29	62.29	62.44	62.75	60 29	60.50	61.52	61.63	24	23.8	29.6	29.6	26.5	25	26.4	30.4	22.8	93	93	70	70	80	81	81.2	.....
30	60.52	60.97	61.55	59.56	59.90	61.60	60.68	23.3	23	29.5	29	27	26	26.3	32	22.3	89	90	61	74	84	85	80.5	.....
31	61.28	61.62	62.87	60.25	60.62	61.95	61.43	24.7	23.6	28	29.6	26.8	24.7	26.2	31.8	22.8	88	90	77	70	80	86	81.8	.3
Mean	57.58	57.99	59.05	57.08	57.36	58.78	57.97	24.8	24.5	27.9	28.4	26.2	25.3	26.2	30	23.4	88.5	89.5	76.9	76.9	84	86.8	83.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	369.1

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	NNW	NW	NNW	N	NNW	NNW	152.1	168.9	172.2	198.9	692.1	8	.....	Cu.-N. N	10	.....	Cu.-N. N
2	NW	NNW	NW	NW	NW	NW	189.9	156.7	152.6	148.4	647.6	8	.....	Cu.-N. N	10	.....	Cu.-N. N
3	NW	WNW	WNW	WNW	W	WSW	147.1	179.6	199.8	76.9	603.4	10	.....	Cu.-N. NW	10	.....	Cu.-N. NW
4	SW	Calm	Calm	NW	Calm	S	39.9	29.6	83.1	29.6	182.2	10	A.-Cu. N	S.-Cu.	10	Ci.-S.	Cu.-N. SW
5	Calm	Calm	S	N	E	Calm	18.7	31.9	52.8	28.7	132.1	9	Ci.-S. E	S.-Cu. SW	10	.....	S.-Cu. SW
6	Calm	S	S	NW	N	E	41.3	38	42.6	27.4	149.3	10	Ci.-S. E	S.-Cu.	10	A.-Cu. SW	S.-Cu.
7	Calm	Calm	N	N	N	Calm	22.8	36.7	73	35.1	167.6	8	A.-Cu. SW	S.-Cu.	4	Ci.-S.	Cu. N
8	Calm	Calm	Calm	NE	NE	NE	19.1	37.8	90.1	103.6	250.6	8	.....	Cu.-N. SE	1	.....	Cu.
9	NE	E	ENE	NE	NE	NE	99	70.8	99.6	99.2	368.6	10	.....	N. E	7	Ci.-S.	Cu.-N. NE
10	NE	NE	NE	NE	NE	NE	82.1	79.9	69.5	98.4	329.9	10	.....	S.-Cu. NE	1	.....	Cu. NE
11	ENE	E	NE	NE	NE	NE	87.1	107.5	108.9	146.6	450.1	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
12	NE	NE	NE	NNE	NE	N	106	89.3	115.6	116.2	427.1	6	Ci. E	Cu. NE	2	Ci.-S.	Cu. NE
13	NE	NE	NE	NNE	N	N	132.8	134.1	110.5	88.7	466.1	7	.....	Cu.-N. NE	10	.....	Cu.-N. NE
14	N	N	N	NW	NNW	NNW	80.3	140.8	125.2	150.8	497.1	10	.....	Cu.-N. N	10	.....	N. N
15	NNW	NNW	NNW	N	N	NNE	172	189.3	213.9	220.7	795.9	10	.....	N. N	10	.....	N. N
16	NE	NE	ENE	ENE	E	E	188	137.8	109.1	62.2	497.1	8	Ci. SE	Cu. E	9	.....	Cu. SE
17	SE	SE	SE	E	NE	NE	35.7	35.9	77.4	88.5	237.5	10	.....	Cu.-N. SE	10	Ci.-S.	S.-Cu. SE
18	E	ENE	E	E	E	Calm	69.8	44.3	85.3	45.9	245.3	10	.....	N. SE	10	.....	S.-Cu. SE
19	E	Calm	E	E	NE	E	89.8	52.5	79.7	56	278	10	.....	N.	9	Ci.-S.	S.-Cu. SE
20	Calm	Calm	SW	NW	NE	NE	17.2	32.2	62.2	57.7	169.3	10	Ci.-S. SE	S.-Cu.	9	Ci.-S. SE	Cu.
21	Calm	Calm	N	NNW	NNW	N	18.2	42 8	64.7	109.7	235.4	6	Ci.-S.	Cu. NE	10	.....	Cu.-N. NE
22	N	N	NNE	N	NNW	SSE	175.4	202.4	267.1	177	821.9	10	.....	N. NE	10	.....	N. N
23	SE	S	SSE	S	S	SE	112 3	125	88.7	55.5	381.5	10	A.-Cu. S	S.-Cu. S	10	.....	S.-Cu. S
24	S	S	S	SSW	SW	Calm	60.4	76.9	78.7	24.7	240.7	10	.....	S.-Cu. S	7	A.-Cu. S	Cu. SW
25	S	Calm	SE	SE	SE	Calm	26.9	41.8	44.5	23.8	137	10	.....	S.-Cu.	10	.....	S.-Cu. SW
26	Calm	Calm	NE	NE	E	Calm	6.1	42.5	60.9	14	123.5	8	.....	S.-Cu. SE	9	.....	Cu.-N. SE
27	Calm	Calm	NE	NE	NE	NE	13.7	50.9	95.6	68.9	229.1	8	.....	Cu.-N. E	5	A.-Cu. SE	Cu.-N.
28	Calm	Calm	NE	NE	NE	E	26.8	36	101.4	68.7	232.9	0	.....	.....	1	.....	Cu.-N.
29	Calm	Calm	SE	NE	E	Calm	19.3	37.8	89.8	68.1	215	0	.....	.....	1	.....	Cu.
30	Calm	Calm	S	NE	NE	E	29.2	48.9	92.7	58.2	229	2	.....	S.-Cu. SE	5	.....	Cu.-N. SE
31	Calm	ESE	SE	NE	SE	E	22.8	35.4	60.4	38.8	157.4	5	.....	S.-Cu. SE	3	.....	Cu.-N. SE
Mean	.....	.....	.....	.....	.....	.....	74.3	81.7	102.2	83.4	341.6	8.1	.....	.....	7.5	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,590.3	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

NOVEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct*	*mm.*
1	61.13	61.59	62.12	59.44	59.74	61.56	60.93	23	22.7	29	29.8	27.2	25.2	26.2	32.5	22	93	92	68	68	81	88	81.7	.....
2	60.52	60.79	61.58	59.15	59.54	61.47	60.51	23.3	23	29.6	29.5	27	24.9	26.2	31	22	92	91	64	68	80	84	79.8	.....
3	61.11	61.87	62.87	60.15	60.29	61.93	61.37	23.2	23.2	28.7	29.6	26	23.3	25.7	30.8	22.3	91	92	69	64	81	89	81	.....
4	60.99	61.29	62.38	60.15	60.30	61.47	61.10	22.5	21.6	27.8	30.5	26.7	23.8	25.5	32.2	21	92	93	70	59	77	85	79.3	.....
5	60.79	61.03	61.95	59.68	60	61.72	60.86	22	21.7	28.8	30	26.9	25.2	25.8	31	20.6	89	87	64	67	79	83	78.2	.....
6	60.77	61.08	62.24	60.08	60.26	61.92	61.06	23.9	22.8	29.2	30	27	24.9	26.3	31.6	22	89	93	72	75	86	90	84.2	.....
7	61.56	62.52	63.37	61.09	61.25	62.72	62.08	23.1	22.5	28.6	30.2	26.5	25.1	26	31.5	21.8	93	94	66	68	82	89	82	.....
8	61.91	62.64	63.60	61.70	61.87	62.77	62.42	23.8	23	26.3	27.8	26	24.8	25.3	29	22.1	91	93	82	79	88	90	87.2	0.3
9	62.52	62.98	63.74	61.11	61.60	63.23	62.53	23.6	22.1	29.8	30.4	26.1	24.9	26.2	31.7	21.3	93	95	67	65	83	83	81	.....
10	63.14	64.19	65.33	62.87	63.62	65.05	64.03	22.3	22.1	25.8	27.6	25.9	24.6	24.7	29.1	21.5	95	95	89	73	74	79	84.2	13.8
11	64.09	64.62	65.22	62.79	63.21	64.50	64.07	22.5	21.2	28	26.4	25.5	24.2	24.6	29.3	20.5	89	95	74	77	80	86	83.5	.8
12	63.23	63.47	64.18	61.93	62.47	64.05	63.22	22.1	21.9	28	29	25.5	24.7	25.2	30	21	93	92	71	71	80	79	81	1
13	63.06	63.98	64.73	62.33	63.10	64.72	63.65	22.6	21.6	27.4	29.5	25.7	24.5	25.2	31.1	20.8	90	93	78	68	75	81	80.8	.....
14	63.47	63.87	65.05	62.68	63.60	64.50	63.86	24.8	22.4	26.5	29.5	26.4	25.2	25.8	31	21.6	77	92	84	70	81	86	81.7	1
15	63.88	64.47	65.33	62.90	62.87	64.83	64.05	25	24.9	29.6	26	25.8	24	25.9	30.6	22.5	85	84	67	82	82	87	81.2	1.2
16	63.38	63.72	64.04	61.30	61.94	63.35	62.96	23	21.8	28.5	30.4	25.8	23.9	25.6	31	20.9	88	93	64	63	81	87	79.3	.....
17	62.12	62.43	63.47	61.41	61.75	62.75	62.32	22	22.8	28	28.6	25.6	24.3	25.2	30.3	21.3	94	89	70	66	79	85	80.5	.....
18	61.94	62.54	63.40	60.59	61.23	62.07	61.96	23.3	21.4	28	28.6	25.5	24.3	25.2	30.3	20.8	89	95	66	65	76	81	78.7	.....
19	61.57	61.70	62.47	60.42	60.96	62.15	61.54	21.9	21	26.3	28	25	24.2	24.4	29.5	20.3	91	94	74	69	80	84	82	.5
20	61.53	62.19	63.39	61.81	61.55	62.51	62.16	22.5	22	27.3	27.2	24.2	22.9	24.4	29.6	21.1	94	95	75	68	88	92	85.3	.....
21	61.55	61.69	62.02	59.66	60.15	61.22	61.05	21.9	22.2	26	28.5	25.7	23.9	24.7	30.6	20.6	96	96	80	71	84	92	86.5	.....
22	60.43	61.14	61.87	59.73	60.95	62.21	61.06	22.9	22	28.6	29.8	25.5	25	25.6	31.5	21.3	92	95	66	62	84	83	80.3	.....
23	60.99	61.29	61.91	59.95	61.05	62.51	61.28	24.1	23	29	27.9	25.1	24	25.5	30.3	22.2	86	93	70	71	87	88	82.5	1.6
24	61.58	62.22	63.70	61.44	61.92	62.97	62.30	23.9	24	26.7	27.6	25.1	24.9	25.4	29.1	23	84	83	70	67	79	80	77.2	.....
25	61.27	61.44	62.19	59.78	60.02	60.76	60.91	24	22.9	27.6	27.2	25.9	24	25.3	30.1	22	86	95	72	75	85	91	84	.....
26	59.49	59.64	60.92	58.63	59.60	61.42	59.95	22.9	22	28.8	30.5	26.1	24.9	25.9	33	21.3	92	95	71	63	82	84	81.2	.....
27	60.74	61 04	61.90	59.65	60.89	61.82	61.01	23	22	28.4	29.5	26	25.1	25.7	30.5	21.3	93	94	70	70	84	91	83.7	.....
28	60.92	61.32	62.36	60.66	61.48	62.75	61.58	25	25.2	26.4	27.6	25	24.1	25.6	28.7	23.3	92	90	85	75	85	91	86.3	8.7
29	62.01	62.23	63.46	61.87	62.87	63.89	62.72	24.6	25.1	26.2	26.2	23.6	23.7	24.9	28.6	23	88	88	87	85	93	88	88.2	9.2
30	63.02	63.29	64.36	61.96	62.15	63.27	63.01	24.5	24	25	28.2	25.4	23.4	25.1	29	21.5	83	86	82	70	77	86	80.7	.5
Mean	61.82	62.28	63.17	60.90	61.41	62.74	62.05	23.2	22.6	27.8	28.7	25.8	24.4	25.4	30.5	21.6	90	92.1	72.9	69.8	81.8	86.1	82.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	38.6

Day.	Wind.											Clouds.					
	Direction.						Total movement in 6 hours.				Total movement in 24 hours.	6 a. m.			2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction.		Amount.	Form and direction.	
													Upper.	Lower.		Upper.	Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1	Calm	E	S	NE	NE	Calm	30.9	61.2	70.2	35.7	198	0	.....	.....	1	.....	Cu. SE
2	SE	Calm	SE	NE	NE	Calm	33.2	40.5	78.9	28.2	180.8	0	.....	.....	1	.....	Cu. SE
3	E	Calm	S	NE	ENE	E	22.7	37	92.3	72.4	224.4	7	.....	S.-Cu. SE	1	.....	Cu. SE
4	E	Calm	S	NE	NE	Calm	24.7	54.7	57.9	38.4	175.7	0	.....	.....	3	.....	Cu.-N. SE
5	SE	SE	S	NE	NE	Calm	34.4	57.6	71	34.6	197.6	3	Ci. E	S.-Cu.	1	.....	Cu. SE
6	Calm	Calm	E	NE	NE	Calm	24.3	46.4	85.9	21.5	178.1	0	.....	.....	4	.....	Cu. SE
7	Calm	Calm	Calm	NE	NE	ENE	19.3	36.4	100	90.9	246.6	1	.....	S.-Cu. SE	0	.....	.....
8	Calm	SE	S	E	Calm	Calm	34.1	41 6	41.2	22.2	139.1	10	.....	S.-Cu. E	10	.....	Cu.-N. SE
9	Calm	Calm	SE	NE	E	E	15.9	30	98.2	68.9	213	0	.....	.....	0	.....	.....
10	Calm	Calm	E	NE	ENE	NE	23	56.8	118.5	69.7	268	0	.....	.....	5	A.-Cu. E	Cu.-N.
11	Calm	Calm	SE	NE	ENE	Calm	33.3	41.8	107.8	51.2	234.1	1	.....	Cu.-N.	10	.....	S.-Cu. E
12	Calm	Calm	S	NE	NE	ENE	24.4	39.7	66.8	55.5	186.4	10	.....	S.-Cu. E	1	.....	Cu.
13	S	Calm	SE	NE	E	Calm	24.9	40.8	70.3	43	179	1	.....	Cu.	1	.....	Cu.-N.
14	NE	SE	E	NE	NE	NE	51	54.9	100.1	89.1	295.1	2	.....	S.-Cu. SE	0	.....	.....
15	E	NE	E	E	NE	ENE	91.2	79.7	110.2	50.7	331.8	0	.....	.....	9	.....	S.-Cu. E
16	SE	Calm	NE	NE	E	Calm	23.1	38.6	85.3	39.2	186.2	0	.....	.....	1	.....	Cu.-N.
17	S	Calm	SE	NE	NE	NE	25.9	43.7	73.7	84.8	228.1	10	.....	S.-Cu. E	0	.....	.....
18	Calm	Calm	NE	NE	NE	E	35.6	39.1	77.4	64.7	216.8	6	A.-Cu. SE	S.-Cu.	1	.....	Cu.
19	Calm	Calm	Calm	NE	NE	NE	21.5	37	78.6	56.1	193.2	0	.....	.....	0	.....	.....
20	NE	Calm	NE	NNE	NNE	Calm	25.5	36.7	108.4	43 8	214.4	5	Ci.-Cu. N	S.-Cu.	4	.....	Cu. E
21	SE	Calm	S	NE	NE	Calm	21.9	53	70.2	29.3	174.4	7	.....	S.-Cu. E	6	.....	Cu. SE
22	Calm	Calm	S	N	NE	NE	34.3	36.4	51.2	44.6	166.5	0	.....	.....	0	.....	.....
23	Calm	Calm	E	NNE	NNE	NNE	20.1	39.1	85.6	163.1	307.9	1	.....	Cu.	7	A.-Cu. W	Cu.-N.
24	NE	NE	NE	NE	NE	NE	178	157.1	125.8	90.4	551.3	10	.....	S.-Cu.	8	A.-Cu.	Cu.-N. NE
25	NE	Calm	NE	NE	NE	Calm	42	23.8	76.7	27.4	169.9	9	.....	S.-Cu. SE	8	A.-Cu. SE	Cu.-N.
26	Calm	SE	S	NNE	NNE	Calm	36	52.1	56.8	22.2	167.1	7	Ci.-S. NW	Cu. S	4	Ci.	Cu.-N. SW
27	NW	WNW	NW	N	N	NE	23.6	35.7	80.5	94.3	234.1	0	.....	.....	1	.....	Cu.-N.
28	NE	NNE	NE	NNE	NE	NE	78.3	89.9	122.3	124.7	415.2	9	.....	Cu.-N. NE	5	.....	Cu.-N. NE
29	NE	NE	NE	ENE	ENE	E	89.3	75.4	114.3	87.9	366.9	8	.....	Cu.-N. NE	10	.....	Cu.-N. ENE
30	NE	NE	E	E	NE	Calm	127	90.7	64.4	49.1	331.2	10	.....	S.-Cu. NE	8	A.-Cu. SE	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	42.3	52.2	84.7	59.8	239	3.9	.....	.....	3.7	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,170.9	.....	.....	.....	.....	.....	.....

APARRI.

[ϕ=18° 22′ N; λ=121° 38′ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.57 mm.]

DECEMBER, 1918.

Day.	Atmospheric pressure, 700 mm.+							Air temperature.									Relative humidity.							Rain, 24 hours beginning 6 a. m.
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	Maximum.	Minimum.	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	Mean.	
	mm.	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	*mm.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*P.ct.*	*mm.*
1..	62.47	62.53	63.41	60.75	61.22	62.43	62.14	21.9	20.8	26.5	28.4	25.1	23.9	24.4	29.1	19.5	92	93	76	70	88	91	85	.....
2..	61.84	62.09	63.33	60.86	61.46	63.06	62.11	22.9	22	27.1	28.6	25.5	25	25.2	29.3	21.3	93	96	75	66	84	84	83	.....
3..	62.61	62.74	63.96	61.74	61.67	63.07	62.63	24.9	24.9	28.2	29	25	22.8	25.8	30.8	21	80	78	66	62	76	84	74.3	.....
4..	62.70	62.93	63.78	61.16	61.90	62.97	62.57	20.8	19.5	24.6	29	24.6	22.1	23.4	29.5	18.5	93	93	75	55	81	80	81.2	.....
5..	62.71	63.12	64.18	62.42	62.91	63.97	63.22	22.9	22.8	26	25.2	24.4	23.1	24.1	28.5	22	83	84	75	85	80	85	82	1
6..	63.75	63.99	64.95	62.20	62.62	63.88	63.56	22.3	21.2	27.7	30.8	24	21.6	24.6	31.3	20.2	87	91	61	59	75	87	76.7	.....
7..	63.69	63.89	64.90	62.57	62.91	63.77	63.62	21.8	20.1	26.5	27.4	24.4	23.1	23.9	30.1	19.3	90	90	66	70	81	85	78.7	.....
8..	63.22	63.64	65.28	62.47	62.87	63.92	63.57	20.6	19.1	26.2	28.2	24.5	22.9	23.6	29.5	18.5	89	94	70	62	83	83	80.2	.....
9..	63.02	63.17	64.02	61.26	61.87	62.84	62.70	21.2	21.6	27.6	28.4	25	23.9	24.6	29.5	20.5	92	93	68	66	87	85	81.8	.8
10..	62 31	62.82	63.00	60.46	60.90	61.82	61.88	23.1	22.1	27.5	30.8	25.8	23.1	25.4	31.1	21.5	90	96	71	57	81	90	80.8	.....
11..	60.83	61.24	61.90	59.36	60.42	61.46	60.87	22.3	21.2	27.8	31.4	25.4	22.9	25.2	31.8	20.5	94	94	65	52	87	92	80.7	.....
12..	60.25	60.99	62.16	60.36	61.50	62.27	61.26	21.5	20.8	26.9	28.2	25.2	24	24.4	29.2	19.8	92	93	67	69	80	83	80.7	.....
13..	61.89	61.99	63.32	60.54	60.71	61.79	61.71	21.1	19.6	27.3	28.5	24.8	22	23.9	29.8	18	95	94	71	62	77	88	81.2	.....
14..	61.47	61.62	62.67	60.25	60.78	61.93	61.45	21.7	21	28	29	25	24.3	24.8	30.1	20.3	89	91	67	73	92	91	83.8	.....
15..	61.93	62.18	63.62	61.42	61.83	62.77	62.29	23.1	23	25.5	27.8	25	23.9	24.7	29.7	22	96	95	84	73	90	92	88.3	.....
16..	62.17	62.05	63.14	61.05	61.40	62.57	62.06	23	21.6	28	29	25.8	23.4	25.1	31.7	20.8	93	93	70	64	75	88	80.5	.....
17..	62.43	62.62	63.57	60.93	61.40	62.71	62.28	23.1	22.5	29	29.8	25.7	23.8	25.6	30.3	21.3	90	92	67	65	75	78	77.8	.....
18..	62.63	63.44	64.06	61.36	61.80	63.19	62.75	21.9	19.6	27	29	25.6	22.1	24.2	30.3	18	83	92	68	62	78	92	79.2	.....
19..	63.13	63.34	64.72	62.22	62 97	63.87	63.38	21.1	20.2	25.2	28.5	25.5	23.8	24	30.1	19.5	95	94	71	64	80	87	81.8	.....
20..	63.44	63.60	64.46	62.03	63 12	63.81	63.41	22.7	21.5	26.2	28.5	25	23.2	24.5	30.3	20	90	94	71	66	83	88	82	.....
21..	62.89	63.05	63.47	61.07	60.95	61.88	62.22	21.8	21	27	28.3	24.5	22	24.1	30.3	20	93	95	71	64	73	82	79.7	.....
22..	61.59	61.72	62.69	59.90	60.12	61.19	61.20	20	18.6	24.5	28.8	24.8	22.1	23.1	30.1	17.5	96	92	71	59	82	92	82	.....
23..	60.64	61.05	62 86	60.70	61.45	62 29	61.50	20.2	18.8	25.6	29	24.7	21.7	23.3	30	17.5	92	94	71	58	76	89	80	.....
24..	60.94	61.53	62.88	60.47	61.02	61.87	61.45	20	20	25.5	28	25.1	24.8	23.9	29.3	19	93	92	72	67	78	79	80.2	2
25..	60.93	60.74	61.92	59.62	60.19	60.82	60.70	23.1	24	25.1	25.5	24.7	24.1	24.4	27.3	22.3	91	90	91	92	90	94	91 3	2.4
26..	59.51	59.61	60.60	58.51	59.12	60.39	59.62	24.1	24	25.5	27	23.5	23	24.5	29.1	22.7	94	94	92	84	94	95	92.2	22.2
27..	59.93	60.28	61.67	59.52	60.37	62 12	60.65	23	22.8	25	27	25	24.1	24.5	28.8	21.9	95	95	95	84	90	95	92.3	2.8
28..	61.87	61.99	63.91	62.05	62.53	64.29	62.77	24	24	25	25	23.8	23	24.1	26.1	22.5	93	91	87	83	89	94	89.5	2.2
29..	63.14	63.49	64.95	62.96	63.59	64.44	63.76	23	23	23.3	23	22.8	22.1	22.9	25.2	21.5	92	91	91	91	91	96	92	8.1
30..	63.32	63.55	64.84	62.86	63.27	64.29	63.69	22.3	23	23.8	25.8	24	23.8	23.8	26.2	21.8	95	90	89	78	80	83	85.8	.5
31..	63.43	63.78	65.14	62.60	62.25	63.73	63.49	23.5	23.1	25.8	28	24.2	22.7	24.6	29	21.6	87	90	78	69	82	89	82.5	.....
Mean	62.15	62.41	63.53	61.15	61.65	62.76	62.27	22.2	21.5	26.3	28.1	24.8	23.2	24.3	29.5	20.3	90.9	92.1	74.6	68.7	82.5	88.1	82.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42

Day.	Wind. Direction.						Wind. Total movement in 6 hours.				Wind. Total movement in 24 hours.	Clouds. 6 a. m.			Clouds. 2 p. m.		
	2 a. m.	6 a. m.	10 a. m.	2 p. m.	6 p. m.	10 p. m.	6 a. m.	Noon.	6 p. m.	Midnight.		Amount.	Form and direction. Upper.	Form and direction. Lower.	Amount.	Form and direction. Upper.	Form and direction. Lower.
							Km.	*Km.*	*Km.*	*Km.*	*Km.*	*0–10*			*0–10*		
1..	NE	Calm	Calm	NNE	NE	Calm	26.9	28.5	71.9	44.8	172.1	0	.....	.....	1	.....	Cu.-N.
2..	Calm	Calm	Calm	NNE	NE	NE	21.9	34.8	69	80.3	206	1	.....	S.-Cu.	7	.....	Cu.-N. SE
3..	NE	NE	ENE	NE	NE	Calm	82.1	92	111.8	59.8	345.7	10	.....	S.-Cu. E	0	.....	.....
4..	SE	Calm	SE	SSE	Calm	E	30.9	46.9	68.9	37	183.7	0	.....	.....	9	Ci.-S.	Cu.-N. SE
5..	SE	S	S	Calm	SE	SE	44.9	50.7	35.7	40	171.3	10	.....	S.-Cu. SE	10	.....	S.-Cu. E
6..	SE	SE	SSE	NE	E	E	59.3	69.5	74.5	47	250.3	7	Ci. NE	S.-Cu.	2	.....	Cu. SE
7..	SE	SE	SE	NE	ENE	ENE	48	58.7	64.1	63.4	234.2	0	.....	.....	0	.....	.....
8..	Calm	Calm	E	NE	NE	NE	25.2	39.2	59.7	43.7	167.8	0	.....	.....	1	.....	Cu.
9..	SE	Calm	Calm	NE	NE	Calm	29.2	34.1	57.9	41	162.2	10	.....	S.-Cu. SE	1	.....	Cu.
10..	Calm	SE	SE	SE	Calm	Calm	25.9	68.1	68.1	27.4	189.5	10	.....	S.-Cu. E	7	A.-Cu. SE	Cu.-N.
11..	SE	SE	S	S	NE	Calm	28.4	61.5	57.4	26.9	174.2	0	.....	.....	0	.....	.....
12..	SE	SE	S	N	NE	NE	38.6	46.4	67.4	69.7	222.1	10	Ci.-S. SW	.....	0	.....	.....
13..	NE	Calm	Calm	NE	E	Calm	23.1	31.2	70.3	36.2	160.8	0	.....	.....	1	Ci.	Cu. SE
14..	Calm	Calm	SE	NE	NE	E	21.5	37.6	87.5	63.1	209.4	0	.....	.....	7	A.-Cu. SE	S.-Cu.
15..	Calm	Calm	SE	NE	Calm	Calm	15.8	37	44.1	23.3	120.2	8	.....	S.-Cu. NE	10	Ci.-S.	S.-Cu. E
16..	SE	SE	S	NE	E	S	37.3	63.6	67.9	50.4	219.2	8	.....	S.-Cu. E	1	.....	Cu. SE
17..	SE	SE	S	NE	E	Calm	48.5	49.7	70.8	49.4	218.4	2	.....	S.-Cu.	1	.....	Cu. SE
18..	Calm	Calm	SE	NE	NE	NE	19.5	43.3	78.9	45.7	187.4	7	Ci. NE	S.-Cu.	9	Ci. NE	Cu. SE
19..	Calm	Calm	SE	NE	E	E	21.2	40.5	69.7	47.8	179.2	10	Ci.	S.-Cu. SE	5	.....	Cu.-N. SE
20..	S	Calm	S	NE	Calm	Calm	35.4	43.8	67.6	20.7	167.5	3	.....	S.-Cu.	9	A.-Cu. SE	Cu.-N.
21..	Calm	Calm	SE	NE	E	E	23.1	46.5	70.3	33.6	173.5	10	Ci.-S. SE	S.-Cu.	9	Ci.-S.	Cu. SE
22..	SE	SE	SE	NE	NE	Calm	29.5	40.7	52.5	27.4	150.1	7	Ci.-S.	S.-Cu. E	7	Ci.-S.	Cu. SE
23..	SE	Calm	Calm	NW	Calm	Calm	27.6	35.7	36.2	24.7	124.2	7	Ci.-S. NE	S.-Cu.	2	Ci.	Cu.
24..	SW	Calm	NW	NW	NE	NE	37.2	37.2	50.5	83.9	208.8	10	.....	S.-Cu. NE	2	Ci.-S.	Cu. NE
25..	NE	NE	NE	NE	NE	NE	119.7	118.9	116.9	118.5	474	10	.....	S.-Cu. NE	10	.....	S.-Cu. NE
26..	NE	NE	ENE	NE	ENE	Calm	126.1	132.8	128.5	49.4	436.8	10	.....	S.-Cu. NE	10	.....	S.-Cu. SE
27..	Calm	Calm	E	NE	NE	NE	15.8	46.9	67.3	78.4	208.4	10	.....	N. SE	9	Ci.-S. S	Cu. SE
28..	NE	NNE	NNE	NNE	NE	NE	72.4	198.7	177	180.2	628.3	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
29..	NE	NE	NE	NE	NE	NE	176.4	182.4	178.6	160.9	698.3	10	.....	Cu.-N. NE	10	.....	Cu.-N. NE
30..	NE	NE	NE	NE	NE	NE	140.6	134.6	113.3	95	483.5	10	.....	Cu.-N. NE	10	.....	S.-Cu. NE
31..	NE	NE	NE	ENE	E	Calm	57.9	60.9	116.5	31.9	267.2	7	.....	S.-Cu. E	6	A.-Cu. SE	S.-Cu.
Mean	.....	.....	.....	.....	.....	.....	48.7	64.9	79.7	58.1	251.4	6.4	.....	.....	5.4	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,794.3	.....	.....	.....	.....	.....	.....

METEOROLOGICAL OBSERVATIONS MADE AT THIRD CLASS AND RAIN STATIONS DURING THE CALENDAR YEAR 1918.

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.9 meters; gravity correction not ap plied, —1.93 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.85	57.42	22.5	27.6	95	79	Calm	NNE 1	9	9	.....
2	58.53	57.61	23	28.4	95	76	Calm	NNE 1	5	6	.....
3	57.82	57.05	23.4	26.1	95	86	Calm	Calm	6	7	20.6
4	58.14	57.67	22	24.5	93	91	Calm	Calm	9	10	18.5
5	58.39	57.45	22.9	23.8	96	85	Calm	Calm	10	9	33.3
6	57.47	56.97	22.4	28.6	95	75	Calm	NbyE 1	8	6	.3
7	56.89	55.82	22.9	28.9	96	74	Calm	NE 3	8	9	.5
8	57.22	56.89	23.1	28.4	95	74	Calm	NE 2	5	7	.....
9	57.07	56.95	26.5	26.8	76	74	NE 4	NE 5	10	10	.....
10	57.06	57.18	26.3	28	76	76	NE 5	NNE 2	10	9	1.5
11	58.08	57.54	23.1	28.1	94	76	Calm	NNE 2	10	10	.8
12	58.01	57.61	23.9	23.9	95	91	Calm	S 1	10	9	2.5
13	57.05	56.48	24	27.7	91	79	Calm	ENE 1	10	9	.....
14	57.06	56.78	23.3	28.7	95	73	Calm	NNE 1	9	8	10.2
15	57.78	57.56	23.6	26.9	94	82	Calm	Calm	6	8	2.8
16	58.16	57.20	23.5	24.5	95	91	Calm	Calm	9	10	18.1
17	57.97	57.72	24.7	22.4	88	93	Calm	W 1	10	10	150.6
18	57.44	56.71	21.1	26.6	95	80	Calm	NE 1	9	9	.....
19	57.21	56.79	21.2	28.4	93	72	Calm	Calm	6	7	.....
20	57.40	56.40	22.7	28.1	95	77	Calm	NE 2	9	9	3.3
21	56.74	55.89	23.8	27.9	93	77	Calm	NE 1	10	10	.....
22	56.31	56.48	25.4	26.4	88	86	Calm	NE 3	9	10	6.9
23	57.10	55.96	25.4	26.8	87	80	Calm	NE 3	10	10	8.2
24	55.37	55.16	25.4	26.9	87	82	NE 3	NE 3	10	10	3
25	54.90	55.10	25.3	24.4	92	95	Calm	SSW 1	8	10	51.6
26	55.54	55.30	23.5	27.5	95	81	Calm	NE 3	9	7	1.3
27	55.82	55.49	25.8	25.4	89	89	NE 2	NE 1	10	9	5.1
28	56.31	56.09	23.4	24.1	97	94	Calm	Calm	8	10	59.2
29	56.02	56.10	23.5	24.9	96	95	Calm	NNE 1	10	10	60.4
30	56.54	56.19	22.8	26.8	90	81	Calm	Calm	10	9	7.6
31	57.18	56.55	23.9	28.3	94	68	Calm	SW 2	10	8	.....
Mean	57.11	56.65	23.7	26.6	92.1	81.7	0.5		1.4	8.8	8.8 .....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	466.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.72	56.92	23.4	27	96	83	Calm	W 2	9	10	0.3
2	57.72	56.80	22.3	26.8	94	83	Calm	Calm	6	4	44.7
3	57.85	56.94	22.4	26.8	96	84	Calm	Calm	7	10	.....
4	57.88	56.74	23.8	25.1	93	88	Calm	Calm	6	9	6.9
5	57.74	56.93	22.3	27.9	94	75	Calm	Calm	4	9	7.1
6	57.47	56.33	21.9	28.6	95	73	Calm	N 1	6	7	1.3
7	57	55.74	25.4	28.2	85	77	NNW 1	NW 2	8	9	.....
8	56.62	56.10	26.4	28.1	84	78	NEbyN 2	NEbyN 3	8	6	.....
9	57.54	56.91	26.6?	27.4	73?	73	NEbyN 4	NEbyN 3	10	9	.1
10	58.40	56.97	25.8	27.3	85	78	NE 2	NNE 1	10	10	9.7
11	57.70	57.03	25.8	27.1	88	79	NE 1	NE 1	10	10	18.3
12	57.98	56.99	23.3	26	95	86	Calm	NNW 3	10	10	1
13	57.64	56.58	22.5	28	94	77	Calm	W 3	6	5	.....
14	57.99	56.81	22.4	27.4	95	78	Calm	W 1	6	9	.5
15	58.06	57.22	23.3	27.6	96	81	Calm	W 1	6	7	.....
16	58.92	58.14	23.6	27.7	95	81	Calm	NW 1	10	10	2.5
17	58.92	57.42	24	27.5	96	83	Calm	NE 1	10	10	.....
18	58.14	57.38	26	28.8	87	71	NE 1	ENE 2	10	10	3.8
19	58.59	56.69	23.6	27.8	93	74	Calm	ENE 2	10	10	.3
20	58.71	58.30	23.9	24.3	93	91	Calm	Calm	10	10	5.6
21	59.19	58.81	23.6	26.2	90	81	Calm	Calm	10	10	3.3
22	58.98	58.54	24.5	27.4	91	76	NE 2	NE 4	10	9	.....
23	59.48	58.90	25.7	26.6	81	74	NE 3	NE 4	10	10	.....
24	60.17	59.78	25.4	27.1	79	72	NE 4	NNE 4	8	7	.....
25	59.85	59.47	25.4	27.3	81	75	NNE 2	NE 2	10	9	.....
26	59.21	58.34	25.6	27.9	89	81	NNE 1	NEbyN 2	10	6	.....
27	59.26	58.78	26.1	28.2	86	77	NNE 2	NEbyN 2	10	6	.3
28	59.49	58.88	23.9	26.5	92	85	Calm	NNE 1	10	10	8.4
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.36	57.52	24.2	27.2	89.9	79.1	0.9		1.6	8.6	8.6 .....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	115

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.27	58.69	25.3	26.9	86	80	NNE 1	NNE 1	6	9	.....
2	59.01	59.04	25.7	27.9	86	74	N 1	NEbyN 2	10	9	.....
3	60.36	59.67	25.6	27.3	85	78	NE 1	NE 2	10	6	.....
4	59.75	58.68	25.9	26.9	76	80	NE 2	NE 2	9	10	.....
5	59.17	58.80	25.9	22.9	84	93	NE 1	Calm	10	10	50
6	59.02	58.62	22	24.8	96	83	Calm	Calm	4	7	3.8
7	58.91	58.11	22.6	27.4	94	81	Calm	W 1	8	8	4.6
8	58.39	57.73	22.7	26.8	96	83	Calm	Calm	6	9	1
9	58.38	57.40	22.4	27.3	96	75	Calm	W 1	6	9	.....
10	58.63	58.47	23.8	28.5	93	75	Calm	W 2	9	8	.....
11	59.14	58.24	22.8	28.7	94	73	Calm	NW 2	5	6	.8
12	58.62	57.98	25.9	28.3	85	76	NbyW 1	N 2	6	7	1
13	58.12	57.50	25.9	28.6	83	74	N 1	N 3	7	3	.....
14	59.28	58.99	25.6	29.1	87	72	NNW 1	NNW 1	6	4	.....
15	59.39	59.03	22.7	28.1	94	72	Calm	NNE 1	9	3	.....
16	59.93	58.99	21.6	28.5	94	72	Calm	N 2	5	3	.....
17	59.95	59.36	22.9	27.9	92	74	Calm	NE 1	7	2	.....
18	60.60	59.24	22	29.3	94	72	Calm	NW 1	5	4	.....
19	59.92	59.25	22.8	26.5	92	85	Calm	Calm	10	9	4.6
20	59.03	57.89	23.5	24.9	94	91	Calm	Calm	4	10	5.3
21	57.99	57.37	23.1	27.1	95	78	Calm	Calm	7	8	8.6
22	58	57.50	22.6	27.4	95	81	Calm	N 1	5	10	7.1
23	58.34	57.37	24	27.8	94	81	NbyE 1	NNE 1	9	9	16.3
24	57.42	57.07	22.4	26.5	95	89	Calm	Calm	6	10	10.2
25	57.69	57.58	22.8	28.6	96	77	Calm	NEbyN 1	6	4	.....
26	57.77	57.69	24.4	25.6	96	81	Calm	Calm	10	10	5.6
27	57.75	58.36	22.6	23.6	84	90	Calm	Calm	10	10	13.5
28	58.09	56.67	23.4	28.8	92	67	Calm	ENE 2	10	10	.5
29	57.53	57.18	22.8	26.7	96	83	Calm	WNW 1	9	9	9.4
30	57.35	56.73	22.1	29.5	95	70	Calm	W 1	6	7	.....
31	57.76	57.15	23.5	26.2	94	80	Calm	S 1	9	10	.....
Mean	58.73	58.14	23.6	27.2	91.4	78.7	0.3		1	7.4	7.5 .....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	142.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.59	57.13	22.1	26.7	94	79	Calm	NNW 1	9	7	8.9
2	57.52	56.97	22.4	27.5	96	80	Calm	Calm	7	10	.....
3	56.69	55.73	22.8	28.9	97	78	Calm	N 1	9	4	.3
4	56.30?	56.43	24.8	28.4	94	76	Calm	NNE 1	10	4	.....
5	56.69	56.72	25.9	28.3	91	78	NE 1	NNE 1	9	9	.3
6	56.73	55.99	25.4	28.7	93	73	Calm	Calm	9	4	1
7	56.59	55.97	22.4	29.4	94	73	Calm	WNW 1	9	4	.....
8	56.89	56.32	22.7	29.3	94	72	Calm	N 1	1	6	.....
9	57.21	57.05	22.9	29.2	95	76	Calm	N 2	6	8	.....
10	57.80	57.07	25	28.4	94	77	Calm	NbyW 2	10	10	.....
11	57.57	56.43	26.3	28.9	82	72	NbyW 2	NW 2	8	6	.....
12	57.04	55.88	26.3	28.6	81	74	WNW 1	NW 2	9	8	.....
13	56.95	56.91	21.4	29.3	95	72	Calm	WSW 1	8	6	.....
14	57.66	56.81	23.1	29.9	95	71	Calm	Calm	10	3	.....
15	58	56.81	21.9	28.9	90	74	Calm	W 1	6	5	.....
16	57.80	57.31	21.8	29.4	89	70	Calm	W 1	9	6	.....
17	58.55	58.23	21.8	26.5	93	79	Calm	Calm	9	9	9.4
18	58.90	58	22.1	29.3	95	69	Calm	N 1	9	6	.....
19	59.04	58.40	22.1	29.9	94	66	Calm	Calm	3	6	.....
20	59.23	58.26	23	29.5	95	70	Calm	NNE 2	7	6	.....
21	58.95	57.86	23.3	29.3	94	71	Calm	NNE 1	4	4	.....
22	58.11	57.19	23.7	26.4	95	83	Calm	Calm	8	9	1
23	57.72	57.72	23.4	28.4	95	68	Calm	Calm	4	8	51.8
24	58.47	58.25	23.4	26.3	95	85	Calm	Calm	4	9	84.6
25	59.33	58.05	22.5	26.3	96	90	Calm	Calm	10	10	8.9
26	57.79	57.47	22.3	25.3	96	88	Calm	Calm	7	9	28.7
27	57.12	56.67	22	26.3	96	84	Calm	Calm	6	9	3.8
28	57.07	57.06	21.2	24.8	93	91	Calm	Calm	6	9	24.4
29	57.69	57.72	22.4	26.7	95	81	Calm	Calm	6	8	.....
30	57.88	57.38	22.2	27.8	93	81	Calm	Calm	3	9	16.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.70	57.13	23.1	28.1	93.3	76.7	0.1		0.7	7.2	7 .....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	239.6

JOLO.

[ϕ=6° 03′ N; λ=121° 00′ E; barometer above sea, 5.9 meters; gravity correction not applied, —1.93 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.44	56.73	21.4	29.3	96	72	Calm	W 1	3	4	.....
2	56.73	56.22	23	25.4	96	81	Calm	Calm	6	9	.....
3	56.46	56.61	23.8	26.4	93	86	Calm	Calm	10	8	2.3
4	57.65	57.27	22	28.9	96	76	Calm	Calm	6	9	1
5	57.81	56.59	22.4	30.9	96	60	Calm	NNE 2	2	4	.....
6	56.70	55.98	24.3	26.2	94	89	Calm	Calm	9	9	17.6
7	57.10	55.84	23.8	29.1	91	76	NE	1 Calm	10	10	1.8
8	56.08	55.62	23.4	25.6	95	87	Calm	Calm	4	9	26.7
9	56.09	55.89	22.9	29.3	95	76	Calm	NW 1	6	8	8.4
10	56.82	56.96	23.3	28.3	96	80	Calm	Calm	9	10	.....
11	57.39	56.81	22.8	29.1	93	71	Calm	Calm	4	9	.....
12	57.28	56.91	23.3	28.1	97	82	Calm	Calm	9	9	.....
13	57.06	57.07	24.2	27.4	95	81	Calm	Calm	8	9	.....
14	58.08	57.26	24.4	27.8	95	79	Calm	wbys 1	10	8	.....
15	58.51	57.66	23.8	28.1	97	79	Calm	NNE 1	10	7	.....
16	57.18	56.55	23.1	29.6	97	72	Calm	Calm	7	6	.....
17	56.83	55.82	22.9	28.3	96	75	Calm	wsw 1	5	9	.....
18	56.79	56.14	22.4	30	92	65	Calm	wsw 1	1	4	.....
19	57.43	56.31	22.5	28.7	94	73	Calm	Calm	3	8	.....
20	57.40	56.78	21.5	29.8	94	73	Calm	Calm	1	8	25.1
21	57.14	57.03	22.4	25.9	95	86	Calm	Calm	6	8	3.6
22	57.44	57.26	22.3	29.9	95	71	Calm	W 1	7	5	.8
23	57.92	57.09	22.9	30.1	93	68	Calm	W 1	6	4	.....
24	57.61	56.70	24	29.9	95	75	Calm	W 2	8	5	1.8
25	57.90	57.80	25.1	28.4	88	80	Calm	W 1	10	10	4.6
26	58.50	57.91	24.1	30.4	93	69	Calm	wbys 2	7	8	.....
27	59.07	57.90	24.4	29.8	91	72	Calm	wbys 2	8	6	.....
28	59.08	57.33	24.9	29.5	92	78	Calm	W 1	10	4	.....
29	58.62	58.11	23.4	26.4	95	88	Calm	Calm	8	10	5.3
30	59.17	58.39	22.5	25.7	90	91	Calm	SSE 1	9	8	11.4
31	58.83	57.92	22.8	27.7	96	79	Calm	WNW 1	4	7	1
Mean	57.55	56.92	23.2	28.4	94.2	77.1		0	0.6	6.6	7.5
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111.3

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	59	58.48	23.9	29	93	71	Calm	NNW 1	8	8	.....
2	58.91	57.87	24.5	29.8	91	73	Calm	NW 2	7	7	1.8
3	58.05	57.23	24	27.2	92	76	Calm	W 4	4	9	.....
4	57.86	57.20	23	30	95	72	Calm	WNW 3	3	8	.5
5	57.21	56.70	25.2	29.4	93	68	Calm	S 3	8	7	18.5
6	56.71	56.38	23.5	25.9	92	88	Calm	S 2	6	9	4.8
7	57.74	57.32	24.5	25.4	96	86	Calm	SSW 3	10	9	17.8
8	59.18	58.42	22	28.6	96	75	SSE	1 NE 2	8	7	.....
9	59.02	58.53	22.4	30	92	69	Calm	NW 2	3	5	.....
10	58.28	57.55	23.5	30.2	94	74	Calm	NW 2	4	7	.....
11	58.18	57.68	23.2	29.1	95	74	SE	1 W 3	8	5	.....
12	58.86	57.98	23.7	29.8	91	69	NW	1 N 2	8	6	.....
13	59.18	58.23	24.8	29.5	94	76	Calm	SW 2	7	7	21.1
14	58.45	57.57	24.3	31	94	72	Calm	ENE 3	8	7	.....
15	58.31	57.90	24.4	26	97	86	Calm	Calm 4		9	8.7
16	58.80	58.64	22.1	27.7	96	84	S	1 WSW 1	7	8	11.7
17	58.37	57.92	24.2	29.5	91	68	SE	1 NNE 2	7	4	.....
18	58.18	57.88	22.5	29.5	94	72	S	1 W 2	4	7	6.1
19	57.73	57.37	23.6	26.5	92	86	Calm	NW 2	4	9	.....
20	57.96	57.75	22.5	26.7	96	87	Calm	Calm 3		8	18.3
21	57.63	57.06	22.3	29	95	73	Calm	W 2	2	7	1
22	57.34	56.71	23	29.7	96	74	Calm	WNW 2	3	7	.....
23	57.52	57.18	23.7	25.7	94	90	S	1 Calm 5		10	31.8
24	58.02	57.94	23.5	25.8	96	88	Calm	W 1	10	10	2.8
25	57.78	56.65	23.7	27.1	94	81	Calm	SSW 2	7	9	8.4
26	56.77	55.63	23	30.5	96	69	S	2 W 3	5	9	.....
27	55.66	54.79	26	28	88	74	wsw	3 SW 4	10	10	.....
28	56.61	54.68	24.1	30	86	65	SW	6 SSW 5	10	5	4.8
29	54.97	54.30	26.6	30	80	65	S	4 SW 5	4	7	.....
30	56.15	55.55	26.7	31.3	85	58	SSW	3 SW 3	7	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.81	57.17	23.8	28.6	92.8	75.4		0.8	2.3	6.1	7.6
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	158.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.43	57.21	25.1	30.2	92	70	SE	1 W 3	3	7	2
2	58.47	57.09	24	30	96	74	S	1 W 2	3	4	.....
3	58.66	57.36	23.5	29.8	96	69	S	1 W 2	7	6	.....
4	58.15	56.62	24.3	30.1	93	71	wsw	1 W 2	7	9	.....
5	56.69	55.78	23.5	31	96	61	SSW	1 W 3	10	6	.....
6	56.76	56.17	25.5	29.5	84	71	S	1 WSW 4	10	10	.....
7	57.80	57.09	27.3	29.2	78	68	SSW	4 SW 3	10	10	.....
8	58.66	57.99	26.2	31.5	83	55	S	2 SW 3	10	7	.....
9	58	56.50	25.6	31.5	88	63	SW	1 SSW 3	9	8	.....
10	57.37	57.73	25.6	31	89	62	S	2 SW 3	3	4	.....
11	57.55	57.07	26.1	30.7	87	64	SSW	3 SW 4	8	4	.....
12	58.90	57.76	23.8	31.1	93	56	Calm	SSW 3	7	2	.....
13	59.15	58.35	25.5	31.4	90	60	S	1 SSW 3	6	7	.....
14	58.62	57.83	25	31	92	62	Calm	S 2	3	6	.....
15	58.10	58.03	26.4	31	85	62	W	1 SSW 3	9	5	.....
16	58.04	57.80	25.7	31.2	90	64	E	1 S 2	6	6	.....
17	59	58.17	24.5	32	92	58	E	1 SW 2	7	4	.....
18	59.07	57.89	24	28.2	91	80	SE	1 E 1	1	9	7.1
19	58.82	58.05	22.8	32.7	95	51	S	1 S 2	1	4	.....
20	58.21	58.10	25.1	32.3	90	56	SE	1 W 2	4	7	.....
21	58.86	57.85	24.2	31.3	92	55	Calm	SSE 2	1	4	.....
22	58.13	56.84	23.9	27.5	92	81	S	1 Calm	0	8	1.3
23	57.17	57.02	24.5	28.3	92	80	SSE	1 WSW 2	3	8	2.5
24	57.13	56.53	25	29.6	91	71	SSE	1 S 2	4	8	.....
25	57.15	56.51	25	31	90	63	SSE	1 SW 2	4	7	.....
26	57.38	56.52	24.6	30	94	65	S	1 SW 3	7	8	.....
27	57.59	56.72	25.5	31.1	92	65	S	1 SSW 3	7	7	.....
28	57.73	56.56	23.9	30.9	96	60	SSE	1 SSE 4	4	7	.....
29	58.22	57.06	25	31	87	59	S	1 SSW 3	8	6	.....
30	58.36	58	23.8	31.4	93	48	SW	1 S 2	4	1	.....
31	59.56	58.80	22	29.7	97	73	Calm	SE 2	4	5	.....
Mean	58.09	57.29	24.7	30.6	90.8	64.4		1.1	2.5	5.5	6.3
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	59.42	58.73	23.3	30.3	93	72	Calm	NW 1	1	7	8.6
2	58.91	58.79	22.3	27	95	83	SSE	1 Calm	5	10	8.2
3	59.14	59.01	22.3	28.3	93	66	SSE	1 SW 1	0	8	.....
4	59.79	59.24	22.4	25.1	95	87	S	1 S 1	5	7	2.5
5	59.55	58.43	22	30.5	95	70	S	1 SE 1	7	8	.....
6	59.13	58.07	22	30.7	96	64	S	1 SW 1	6	6	.....
7	58.58	58.10	23	30	96	74	SSE	1 SW 2	1	5	.....
8	58.74	57.96	22.6	30	93	68	SE	1 NW 2	4	5	.....
9	58.83	58.16	23	29.7	92	71	S	1 W 2	3	6	.....
10	58.78	57.97	22.7	29.3	94	72	S	1 SW 2	4	9	.....
11	58.28	57.82	25.5	26.9	88	80	SSE	1 SW 2	9	10	1.3
12	57.92	57.42	25.5	27.8	88	69	S	2 SSW 3	10	10	1.5
13	57.62	57.17	26.1	29.8	85	62	SE	4 S 4	4	9	15.2
14	58.07	58.46	23	23.8	96	93	SE	1 W 4	4	10	43.7
15	58.64	57.70	22.5	29.4	96	72	SE	1 W 2	9	6	.5
16	58.87	58.42	23.2	28.7	94	73	SW	1 WNW 1	9	8	3
17	59.51	58.22	22.5	29.6	97	70	SE	1 W 2	1	5	.....
18	58.72	57.51	24	29.2	92	71	SE	2 W 2	9	5	1
19	58.38	57.36	23.2	29.5	95	75	SW	1 WSW 2	6	7	3.8
20	59.04	57.52	23	28.8	96	71	SE	1 NW 1	7	8	.....
21	58.58	58.44	24.9	31.4	92	59	SE	1 W 2	8	7	.....
22	58.96	58.52	25.1	28.2	93	79	SSE	1 WSW 2	8	7	3.6
23	58.85	57.35	24.6	31.1	92	59	SSE	1 SW 2	5	7	.....
24	58.01	56.71	25.1	29.8	91	70	SE	1 WSW 2	4	7	.....
25	57.58	56.45	25.3	31.4	89	62	SE	1 S 3	4	4	.....
26	57.92	57.66	23.3	31.3	95	67	SE	1 E 2	3	6	.....
27	58.31	57.68	23.2	30	93	75	SE	1 NW 2	3	6	.....
28	58.22	57.51	23.7	29.8	94	61	SE	1 W 2	3	7	24.1
29	58.83	58.83	23.5	28	96	77	ESE	1 NW 1	8	9	.....
30	59.64	58.28	24.5	29	87	76	ESE	1 E 2	9	7	.....
31	59.08	57.58	24.3	30.1	92	64	SE	1 SW 2	7	5	.....
Mean	58.71	57.97	23.6	29.2	93	71.4		1.1	1.9	5.4	7.1
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	117

NOTE.—Beginning with the afternoon of August 31, the height of the barometer above sea level was 13.08 meters instead of 5.9 meters.

JOLO.

[ϕ = 6° 03′ N; λ = 121° 00′ E; barometer above sea, 13.08 meters; gravity correction not applied, — 1.93 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.89	58.62	24.2	30	94	72	S	1	S	2	2	7	.....
2	59.66	58.31	22.7	29	94	74	SE	1	SW	3	4	8	.....
3	58.95	57.37	24.7	30.1	94	65	Calm		SE	3	1	6	.....
4	57.96	56.50	25.3	32.7	93	54	SE	1	SW	3	4	4	.....
5	57.05	56.49	25.9	31.2	86	62	SE	2	SW	2	10	9	.....
6	57.82	56.86	25.9	29.8	91	71	SE	1	S	2	10	9	3.3
7	57.86	56.67	26	30.5	89	68	SE	1	S	3	7	7	.....
8	58.40	58.12	25.4	27.8	92	76	S	1	S	1	9	9	.....
9	58.75	57.84	24	31.6	97	56	SE	1	SSW	3	4	5	.....
10	59.31	57.92	23.7	29.8	84	66	SE	1	S	3	8	8	.....
11	59.36	58.51	25	27	92	74	SE	1	E	1	0	9	9.9
12	59.49	58.52	23.4	30.6	97	68	SE	1	S	2	2	7	.8
13	59.99	58.30	24	30.2	97	74	Calm		SW	2	2	8	.....
14	60.41	59.10	25.1	32	92	58	E	1	SE	2	9	7	2.5
15	59.83	59.18	22.3	27.9	94	82	SE	1	SE	2	1	5	16
16	59.68	58.71	21.9	28.8	94	75	SE	1	S	2	1	9	.....
17	60.49	58.70	23	26.8	96	78	S	1	SE	1	3	9	2.3
18	60.48	59.53	24.6	25.6	93	90	NE	1	E	1	10	10	40.6
19	60.78	59.68	21.8	27.1	94	78	SE	1	SW	3	4	9	3
20	59.48	58.67	22.3	27.6	96	77	SE	1	ENE	3	4	9	2.3
21	58.83	58.39	23.5	27.9	90	76	S	1	S	2	10	8	1.5
22	58.71	58.13	24.4	28.6	88	79	SE	1	ENE	2	7	7	.....
23	58.80	57.76	22.5	29.5	96	72	SE	1	SE	2	3	7	.....
24	59.02	58.38	22.9	27.5	94	78	SE	1	SSW	1	1	7	.....
25	59.67	58.88	22.4	29.7	95	77	ESE	1	SE	2	0	6	30.7
26	59.76	58.72	23.1	29.5	95	72	SE	1	ENE	3	5	4	.....
27	59.24	58.27	24.1	29.6	97	72	E	1	S	3	6	7	.....
28	58.89	57.52	24.9	26.8	92	84	SW	2	S	3	5	9	8.6
29	57.74	56.91	23.7	25	92	92	SW	2	W	4	4	10	8.6
30	57.81	57.08	23.8	29.1	97	70	SW	1	SSW	2	8	8	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.10	58.12	23.9	29	93.2	73		1		2.3	4.8	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	130.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.71	57.38	24.9	28.4	92	80	SW	2	SW	2	9	10	1.8
2	58.85	57.26	24.7	29.6	91	67	SE	1	SW	3	10	5	.....
3	58.20	56.32	25.6	29.8	93	70	SSE	1	SW	3	9	7	.....
4	58.73	58.01	24.9	29.6	96	72	SSW	1	SE	2	9	8	4.8
5	59.70	58.80	23.2	24.9	95	92	SW	1	SE	1	8	8	49.8
6	60.13	58.94	22.1	29.5	94	77	SSE	1	NE	2	2	2	.....
7	58.97	58.03	22.5	30	96	73	E	1	S	2	1	4	.....
8	59.24	58.32	23.8	28.7	97	78	SE	1	SSW	2	5	8	.....
9	59.47	58.03	24	30.4	95	74	Calm		S	3	4	5	.....
10	58.89	57.91	23.5	29.8	96	73	SE	1	S	3	4	8	5.3
11	59.69	58.05	24.9	26.5	93	86	SSW	1	SE	1	9	9	4
12	59.11	57.41	23.8	29	96	77	SE	1	WSW	3	8	8	.....
13	58.88	57.61	22.8	30.3	96	72	SE	1	S	2	4	5	3
14	58.29	57.53	24.7	26.9	96	80	SE	1	E	2	9	10	6.9
15	57.90	56.36	25.5	30	96	74	S	1	S	3	9	4	.....
16	56.91	55.87	25.9	31.6	89	60	S	2	S	3	7	4	.....
17	57.54	56.64	27.2	26.4	88	81	SSE	3	SSW	3	6	10	6.4
18	58.41	57.43	24.7	27	94	79	S	1	SSE	3	4	8	.8
19	58.28	56.86	24.5	30.5	96	70	SSE	1	SSE	3	8	7	.....
20	58.21	56.68	23.7	29.6	95	67	SE	1	SW	2	3	7	.....
21	57.91	56.80	23.9	29.1	96	77	SE	1	NW	2	8	9	.....
22	58.24	57.39	23.3	25.4	94	88	SE	1	E	1	7	9	55.8
23	58.82	57.54	24.4	29.3	92	75	SE	1	SW	2	10	7	18.5
24	59.06	57.81	23.2	24	93	87	SE	1	SE	1	5	9	9.9
25	58.85	57.75	23.6	29.6	97	74	SE	1	SW	2	0	4	.....
26	58.81	58.38	24	27.2	97	87	SE	2	SW	2	8	9	9.7
27	59.22	58.51	23.7	27	95	88	SE	1	E	2	4	10	29.5
28	59.46	58.26	24.4	28.2	94	80	Calm		SW	2	7	7	17.8
29	58.44	56.52	23.3	29.9	97	73	SSW	2	NE	2	4	6	16.5
30	57.49	56.61	23.9	29	95	77	SE	2	SW	3	7	9	6.6
31	57.94	57.48	24.2	26.6	95	84	SE	1	W	2	6	8	9.7
Mean	58.66	57.50	24.2	28.5	94.5	77.2		1.2		2.2	6.3	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	256.8

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.92	56.85	23	24.6	96	94	SSW	1	SE	2	7	7	9.1
2	57.62	56.77	22.9	28	96	80	SE	1	SW	2	7	8	17
3	57.77	57.05	22.8	24.1	97	92	SSE	1	SE	3	4	8	1.3
4	57.08	56.79	22.7	25.7	96	91	SE	1	NNE	2	4	7	23.1
5	57.73	56.83	22.8	29.2	97	74	SE	1	NE	3	3	7	.....
6	57.71	57.08	24.5	26	97	85	SW	1	SW	2	8	8	7.1
7	58.21	57.04	24	29	97	76	SE	1	SSE	2	5	7	.....
8	58.22	57.13	24.5	29.2	94	75	ESE	1	W	2	7	5	.....
9	58.41	57.48	24.6	27.4	95	80	SSW	2	SE	3	7	7	24.4
10	58.70	57.37	23.4	26.8	97	80	SW	1	SE	2	8	8	7.6
11	58.80	57.43	23	27.8	96	75	SE	1	N	2	7	6	1.8
12	58.29	56.92	24	29.5	95	75	SE	2	SW	3	7	5	3
13	58.82	57.41	23.5	28.8	94	79	SE	1	NE	2	7	5	.....
14	58.74	57.84	24	28.8	97	79	SE	1	NE	2	7	5	.....
15	58.70	57.25	25	30.7	94	71	SE	1	NE	3	6	4	.....
16	58.15	57.64	23.2	26	95	89	SE	2	SE	2	2	7	.....
17	57.92	57.40	22.8	26	95	88	SE	1	WSW	1	1	8	8.4
18	58.27	57.42	22.4	29.8	96	77	SE	1	NE	2	1	3	.....
19	58.27	57.66	22	28	93	77	SE	1	NE	3	0	7	1.3
20	59.02	57.91	23	29.3	97	77	SE	1	NNE	2	0	7	.....
21	58.42	57.46	22.9	30	97	76	SE	1	SW	2	0	7	.....
22	58.65	57.89	23.2	27.1	96	89	SE	2	NE	1	1	9	.....
23	59.19	57.87	23.2	29.7	97	79	SW	1	NE	2	3	4	.....
24	58.77	57.11	23.7	28.7	97	78	SE	1	NNE	2	5	7	.....
25	58.60	57.64	23.1	28.8	96	70	SE	1	SW	2	3	6	.....
26	58.65	57.94	22.1	27.5	96	84	SE	2	SSE	2	4	8	10.4
27	59.23	57.88	22.8	29.3	97	73	E	1	NE	3	3	7	1.3
28	58.21	57.10	24.7	28.8	97	78	E	1	NE	3	6	6	.....
29	58.11	57.27	22	30.2	96	70	E	2	N	2	1	4	.....
30	58.03	57.37	27.4	29.2	84	74	E	2	NE	3	9	8	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.34	57.36	23.4	28.1	95.6	79.5		1.2		2.2	4.4	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	115.8

DECEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.94	57.20	26.7	29.3	88	70	NNE	2	NE	3	8	5	.....
2	58.19	56.93	24.5	29.5	96	75	N	1	NE	3	10	8	10.7
3	58.67	57.09	23.8	26.5	95	82	SE	1	SE	3	10	10	5.4
4	57.67	57.53	23.9	24.7	97	92	SE	1	SW	1	8	10	16.5
5	57.80	57.38	23.1	27.9	96	82	SE	1	S	2	3	9	86.6
6	58.85	57.96	22	28.6	96	78	SE	2	NE	3	7	4	1.3
7	58.58	57.51	24.8	28.2	94	77	SE	1	NE	3	8	7	.....
8	58.48	57.99	25.1	28	91	77	E	2	NNE	4	9	8	.....
9	58.70	57.16	25.8	28.8	85	75	NE	2	NNE	3	9	3	.....
10	58.12	57.28	23.2	28.8	96	76	SSE	1	NE	3	4	4	.....
11	57.78	56.84	26	27.9	85	79	NNE	3	NNE	3	9	9	.....
12	57.09	56.78	24	29	97	72	WSW	1	NE	2	9	7	.....
13	57.45	56.46	24	28	93	77	NE	2	NNE	2	10	7	.....
14	57.92	56.87	23	28.5	97	84	SE	1	NE	3	5	8	2
15	58.20	57.55	23.9	24.7	97	91	SSE	1	SSE	2	7	10	19
16	58.48	57.62	22.3	29	97	79	SE	1	NE	2	5	3	.....
17	59.39	57.74	23.8	28.6	97	75	SE	1	SW	2	9	7	.....
18	59.37	58.24	22.5	29.2	96	74	SE	1	N	2	6	4	.....
19	59.62	58.95	23	28.5	97	77	SE	1	NE	2	6	7	.....
20	59.40	57.97	23	28.2	96	76	SE	1	N	2	4	9	.....
21	58.98	57.70	25.4	28.1	88	79	E	2	NE	3	5	7	.....
22	58.78	57.93	25.6	29.3	90	74	NE	2	N	2	8	5	.....
23	58.72	58.58	22.6	28.8	97	73	E	1	N	2	8	5	.....
24	59.37	58.33	24.8	29.7	83	69	N	2	N	3	7	7	.....
25	58.85	57.07	25.4	28	77	68	NW	3	NNW	3	6	7	.....
26	57.88	57.12	25.7	29.5	72	63	W	3	W	3	6	5	.....
27	58.25	57.75	21	28.7	95	71	SE	1	NE	2	3	2	.....
28	59.03	58.02	20.4	28.5	96	71	SE	1	NE	2	0	4	.....
29	59.57	58.45	22.4	28.8	96	72	N	1	NE	3	7	5	.....
30	59.52	58.22	23.2	28.7	96	73	SE	1	NE	3	7	7	.....
31	59.45	57.92	25.9	29.6	85	66	NE	2	NNE	3	6	1	.....
Mean	58.58	57.62	23.9	28.4	92.3	75.7		1.5		2.5	6.7	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	141.5

[a] The total rainfall in the "Monthly Bulletin," page 246, should be 141.5 mm. instead of 141 mm.

DAVAO.

[ϕ = 7° 01′ N; λ = 125° 35′ E; barometer above sea, 4 meters; gravity correction not applied, — 1.91 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.70	56.95	21.9	31	96	69	Calm	Calm	6	7	.....
2	58.71	57.20	22.5	31.3	96	66	Calm	Calm	5	6	.....
3	58.87	56.95	22	30.5	96	71	Calm	Calm	6	6	.....
4	58.82	56.95	22	30.9	96	65	Calm	Calm	5	6	.....
5	58.63	56.37	23.5	30.5	96	63	Calm	Calm	6	5	.....
6	58.17	56.25	22	31.7	96	60	Calm	Calm	5	7	.....
7	58.07	56.07	22.3	31.5	97	60	Calm	Calm	6	5	.....
8	58.62	56.97	22	27	96	81	Calm	Calm	5	9	17
9	57.67	57.92	22.3	22.5	97	98	Calm	Calm	10	10	45.4
10	58.45	57.48	21.5	27.3	97	73	Calm	Calm	10	7	.....
11	58.70	57.13	22	30.2	96	67	Calm	Calm	6	5	.....
12	58.58	56.79	24.5	29.5	95	68	Calm	Calm	6	9	8.9
13	57.62	57	22.5	27.9	97	79	Calm	Calm	8	9	.....
14	57.91	57.23	21.8	29.5	97	73	Calm	Calm	6	5	.....
15	58.71	57.68	22.5	28.8	97	73	Calm	Calm	6	6	.....
16	58.76	57.11	22.4	26.2	95	79	Calm	Calm	6	9	3.8
17	58.64	56.52	22.5	26.8	96	82	Calm	Calm	6	10	.....
18	57.97	56.24	21.3	30.9	97	65	Calm	Calm	5	6	.....
19	57.75	56.08	21.2	31.6	98	60	Calm	Calm	5	5	.....
20	58.27	56.19	22.1	29.6	98	70	Calm	Calm	7	6	.....
21	57.95	55.87	23.5	29.5	96	68	Calm	Calm	7	9	3.8
22	56.77	55.24	22.5	30.6	96	68	Calm	NE 2	9	5	.....
23	57.31	55.22	22.8	29.3	97	72	Calm	Calm	5	6	.....
24	56.07	54.58	22.5	28.7	96	73	Calm	Calm	7	9	.....
25	56.25	54.77	23	30.5	98	68	Calm	Calm	7	6	2.5
26	56.90	55.42	23	29.8	96	69	Calm	Calm	7	5	.....
27	56.95	54.66	21.5	30.3	95	66	Calm	Calm	5	5	.....
28	57.02	54.81	22.5	31.8	96	61	Calm	Calm	5	5	.....
29	56.94	55.46	22.8	31.4	97	60	Calm	Calm	6	5	42.9
30	57.68	55.68	22	29.9	96	71	Calm	Calm	7	6	.....
31	58.41	56.59	22.5	29	96	69	Calm	Calm	5	6	.....
Mean	57.93	56.30	22.3	29.5	96.4	69.9	0	0.1	6.3	6.6	.....
Total											124.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.76	56.70	22.4	31.5	96	60	Calm	Calm	6	5	12.4
2	58.37	56.81	22.5	31	97	65	Calm	Calm	7	5	.....
3	59.21	56.91	22.6	30.5	98	65	Calm	Calm	5	5	.....
4	58.99	56.80	22	31.3	97	60	Calm	Calm	6	5	.....
5	58.61	56.64	22.3	30.9	97	66	Calm	Calm	6	5	.....
6	58.09	55.30	22	31.8	96	61	Calm	Calm	6	6	.....
7	57.26	55.10	22.9	31.5	92	60	Calm	Calm	5	6	.....
8	57.36	57.18?	23	24.3?	96	97?	Calm	Calm	5	5	15.7
9	58.79	56.58	21.5	28	95	70	Calm	NE 3	8	7	27.9
10	58.10	55.95	21.5	27	95	83	Calm	Calm	10	6	62
11	57.99	56.24	22	29.1	98	77	Calm	Calm	7	6	19.3
12	58.63?	56.52	23.5	29.9	97	73	Calm	Calm	9	5	19.6
13	58.64	56.52	23.5	30.5	97	69	Calm	Calm	5	5	2.5
14	58.44	56.43	23	30.6	97	68	Calm	Calm	6	5	.....
15	58.61	56.36	22.5	31	96	65	Calm	Calm	5	5	.....
16	59.36	57.02	22.1	31	97	68	Calm	Calm	5	6	42.2
17	59.49	57.42	23	31.5	97	63	Calm	NE 2	5	7	2.5
18	58.56	56.24	22.5	32	97	63	Calm	Calm	5	5	.....
19	59.34	58.18	22.5	27.2	96	78	Calm	Calm	9	8	.....
20	59.52	58.61	23	26.8	90	79	Calm	NE 2	8	7	2.3
21	60.77	58.57	22	29	97	70	Calm	Calm	8	5	.....
22	60.46	57.74	22.5	30.5	96	62	NE	2 N 3	5	5	.....
23	60.64	58.69	21	30.3	91	55	Calm	N 3	6	5	.....
24	60.70	59.35	20.7	27.2	89	65	N	2 NE 3	5	8	.....
25	60.29	59.24	21.8	23	93	97	Calm	Calm	9	10	28.2
26	59.80	58.14	20.8	30.4	97	65	Calm	NE 2	6	5	.....
27	60.05	58.49	22	31.1	96	62	NE	1 NE 2	6	5	3.8
28	59.21	58.59	22	27.1	96	78	Calm	N 2	7	9	.....
29											.....
30											.....
31											.....
Mean	59.07	57.23	22.2	29.5	95.6	69.4	0.2	0.8	6.4	5.9	.....
Total											238.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.74	57.30	21.2	32	98	63	Calm	NE 1	6	5	9.7
2	59.88	58.38	21	31	95	59	N	2 NE 1	6	5	.....
3	60.81	58.76	22.5	30.5	96	68	Calm	Calm	9	7	10.7
4	60.53	58.24	22.1	29.5	98	71	Calm	N 2	10	8	12.7
5	60.16	58.49	23	28.6	96	73	NE	1 ENE 1	7	6	.....
6	59.66	58.23	22.5	28	96	74	ENE	1 NE 2	7	8	.....
7	58.93	56.69	21.5	30.6	95	62	N	1 Calm	6	5	2.5
8	58.78	57.24	21.5	29.5	98	71	Calm	NE 1	6	5	.....
9	59.27	56.88	22	31	98	66	Calm	NE 1	6	5	.....
10	59.03	57.16	22	30.8	98	67	Calm	Calm	5	5	.....
11	59.35	57.52	22	31	96	65	Calm	NE 1	6	5	.....
12	58.41	56.45	22.5	31.8	96	65	NE	1 N 1	6	5	18
13	58.32	56.46	22.4	32.5	96	63	NE	1 Calm	5	6	.....
14	59.21	57.62	23.8	32	97	66	Calm	Calm	5	5	5.6
15	59.27	57.91	23	32	96	60	NNE	1 NE 1	5	6	.....
16	59.68	58.21	23.2	32	96	61	NNE	1 NE 1	5	6	.....
17	60.59	58.57	23.3	32.4	97	54	Calm	SE 2	5	6	24.9
18	61.42	59.15	21.8	30.5	97	66	Calm	NE 2	5	6	.....
19	60.61	58.61	22.4	31.7	93	60	NE	1 N 1	5	6	.....
20	59.54	57.79	23	28	97	74	NE	1 N 1	5	9	.....
21	59.01	57.17	22.5	29.8	96	66	NE	1 NE 2	6	8	.....
22	58.37	56.76	22.5	30.5	96	72	Calm	E 1	5	7	4.1
23	58.56	56.60	22.5	32.3	96	62	SE	1 E 1	5	6	.....
24	58.46	56.66	22.3	31.5	97	63	Calm	NE 1	5	6	.....
25	58.56	56.77	22.5	31.5	96	66	NE	1 Calm	5	6	.....
26	58.07	57.91	22.9	29.1	96	77	Calm	NE 1	5	7	5.3
27	58.89	57.48	23	30	97	68	Calm	NE 3	9	6	14.2
28	59.06	58.06	22.8	26	97	84	NE	1 NE 1	10	10	.....
29	58.68	56.64	21.8	31.7	96	62	Calm	N 2	6	5	.....
30	58.59	57.07?	23	29.9	94	69	Calm	Calm	5	6	16.5
31	58.94	57.14	22.9	26.4	97	86	Calm	Calm	7	9	26.2
Mean	59.30	57.55	22.4	30.5	96.4	67.2	0.5	1	6.1	6.3	.....
Total											150.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.17	56.49	22	31.3	98	66	N	1 NE 1	6	5	5.6
2	57.90	55.51	21.6	30.8	99	66	Calm	ENE 1	7	5	5.8
3	57.02	55.21	22.4	31	96	67	N	1 ENE 2	6	8	2.5
4	58.76?	55.68	22.5	30.8	98	70	N	1 N 1	6	5	.....
5	57.26	56.22	23.2	29	97	74	Calm	Calm	5	9	17.8
6	57.47	55.41	22.6	31.2	98	68	Calm	E 1	6	5	15.7
7	57.49	54.90	22	30.8	96	64	Calm	Calm	5	5	10.7
8	57.32	55.50	22.5	31.5	96	72	N	1 NE 1	6	5	2.5
9	57.36	55.68	23	31.5	96	65	Calm	Calm	6	8	1.5
10	57.44	55.70	23	31.4	96	68	Calm	NE 1	5	6	.....
11	56.25	54.67	23.1	30.4	95	66	NE	1 Calm	5	8	.....
12	55.37	54.78	22.5	30.5	96	72	N	1 Calm	5	5	.....
13	55.92	55.39	22.4	31	96	68	Calm	Calm	6	5	.....
14	57.32	55.80	20.5	31.7	95	62	Calm	NE 1	6	5	.....
15	58.20	56.13	21	31.7	95	59	Calm	Calm	6	5	.....
16	58.26	56.70	22.5	31.8	95	66	Calm	N 1	5	6	.....
17	59.11	57.71	23	30.6	96	72	Calm	NE 1	8	6	.....
18	59.59	58.72	23	32.6	96	59	ENE	1 NE 1	5	6	.....
19	60.03	57.79	23	32.6	95	53	Calm	N 2	5	5	.....
20	59.63	57.38	23.4	33.8	97	59	Calm	Calm	6	5	.....
21	59.03	56.75	23.4	33.8	97	60	Calm	Calm	6	5	4.3
22	58.78	57.04	23.5	29.5	96	71	Calm	N 1	5	9	.....
23	58.42	57.96	23	26.6	96	76	Calm	Calm	1	10	.....
24	58.96	57.78	22.5	30.6	96	64	Calm	N 2	5	8	2.8
25	59.67	57.39	23.9	30.1	97	73	Calm	Calm	8	6	2.4
26	58.56	57.41	23.5	30.5	96	71	Calm	SE 2	8	7	.....
27	58.02	55.68	22.4	30.9	96	67	Calm	SE 3	6	7	65.8
28	57.90	56.25	22	30	96	71	Calm	Calm	6	5	.....
29	58.39	57.02	22.5	29.5	96	73	Calm	NE 4	2	9	1.8
30	58.60	57.19	20.9	31.4	97	62	Calm	NE 4	0	9	.....
31											.....
Mean	58.11	56.39	22.6	31	96.3	66.8	0.2	1	5.4	6.4	.....
Total											139.2

DAVAO.

[$\phi = 7°\ 01'$ N; $\lambda = 125°\ 35'$ E; barometer above sea, 4 meters; gravity correction not applied, −1.91 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10*	*0-10*	*mm.*
1	57.97	55.80	21.6	32.5	98	58	Calm	Calm	0	4	38.6
2	56.91	55.59	22.5	30	96	69	Calm	NE 2	0	8	.5
3	57.12	55.51	22.1	30.5	98	71	Calm	NE 2	3	7	13.7
4	58.58	56.99	23.8	29.5	97	75	Calm	Calm	10	9	1.8
5	58.82	57.10	23	30	97	72	Calm	N 3	6	6	.....
6	57.35	56.26	24	27.8	95	82	Calm	Calm	9	10	.....
7	57.47	55.34	23.5	29.3	97	72	Calm	Calm	6	5	.....
8	56.84	54.75	23.3	31.4	97	66	Calm	Calm	7	4	.....
9	56.51	55.29	24.2	30.6	98	69	Calm	Calm	6	5	.....
10	57.65	56.90	24.4	30	97	77	Calm	Calm	9	6	.....
11	57.23	56.25	23.7	30.6	94	70	Calm	NE 2	3	9	1.1
12	57.29	56.32	24	30	97	69	Calm	NE 2	10	9	1.8
13	57.59	56.55	24.3	30.4	97	68	Calm	Calm	5	7	4
14	58.87	57.15	23.4	30.7	97	68	Calm	Calm	5	5	.....
15	58.87	56.81	23	31.4	97	67	Calm	NE 2	4	7	.....
16	57.80	55.82	22.5	31.6	97	65	Calm	N 3	3	7	.....
17	56.46	55.30	23	31	97	72	Calm	NE 2	10	7	5.6
18	57.14	56.24	24.4	25.8	97	91	Calm	Calm	8	10	9.5
19	57.94	56.12	22.5	29.5	99	75	Calm	Calm	6	7	3.8
20	57.70	56.19	22.1	30.6	99	72	Calm	Calm	3	4	75.7
21	57.89	56.46	22	29.4	100	73	Calm	Calm	10	7	6.3
22	57.86	56.87	23.5	30.8	96	71	Calm	Calm	4	4	.....
23	57.91	56.46	23.5	31.4	96	68	Calm	Calm	4	5	72.4
24	57.99	56.37	24.5	30.5	98	72	S 1	Calm	6	5	.....
25	57.66	56.64	25	31.8	92	60	SE 2	Calm	4	5	.....
26	59.27	57.54	24	30	96	75	Calm	SE 1	5	8	.....
27	59.53	57.88	23.8	31	97	69	Calm	S 2	5	6	55.9
28	59.92	56.68	22.4	31.4	96	66	Calm	Calm	5	6	9.4
29	58.74	57.51	23.5	30.5	96	72	Calm	SW 1	5	9	17
30	59.43	57.99	23.8	25	97	92	Calm	Calm	8	5	17.3
31	59.20	57.32	23	29.6	98	77	Calm	Calm	6	5	24.4
Mean	57.98	56.45	23.4	30.1	96.9	71.7	0.1	0.7	5.6	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	358.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10*	*0-10*	*mm.*
1	59.70	57.31	23	30	97	71	SE 1	E 2	6	5	50.8
2	59.22	57.02	22.9	29.3	97	71	Calm	SW 1	5	6	.....
3	58.37	56.60	22.5	29.5	97	71	SW 2	Calm	5	5	3.8
4	58.16	56.72	22.3	28.2	97	76	Calm	S 2	5	8	5.1
5	57.52	55.97	22.9	29.5	94	69	Calm	S 2	5	6	27.9
6	57.64	56.46	22	29.8	96	68	SE 1	Calm	5	5	35.6
7	58.53	56.94	22.5	29.2	97	70	Calm	SSW 2	9	6	5.1
8	58.65	57.49	22	29.5	98	75	Calm	Calm	5	6	.....
9	59.24	58.87	23	27	97	84	ESE 1	Calm	9	8	2.5
10	58.72	57.65	22.1	28.5	99	78	Calm	ENE 1	5	8	.....
11	58.23	57.29	23.5	29.8	96	78	Calm	E 2	4	5	.....
12	59.73	58.29	22.7	30	98	71	Calm	Calm	5	6	.....
13	59.64	58.35	22.9	28.9	96	73	Calm	Calm	5	4	.....
14	59.43	58.59	23.3	27.5	97	85	Calm	Calm	4	5	6.4
15	59.04	57.76	23	30	98	71	Calm	Calm	5	6	.....
16	59.45	58.09	23	29	96	75	Calm	SW 1	5	9	.....
17	59.38	57.60	23	30	96	71	Calm	Calm	6	5	.....
18	58.24	57.25	22.5	30.7	96	61	Calm	E 2	5	6	2.5
19	59.42	58.06	22.9	29.3	97	76	Calm	S 1	8	6	.....
20	58.36	57.47	22.2	30.5	98	68	Calm	NE 1	4	4	.....
21	58.34	56.77	22.5	30	96	75	Calm	SE 1	4	4	.....
22	57.44	56.87	22.5	30.3	94	70	Calm	S 2	5	6	39.6
23	57.91	56.34	22.7	29.5	98	74	Calm	E 1	5	4	2.8
24	57.57	56.57	22.8	29.2	97	74	Calm	SW 1	6	6	2.3
25	56.40	55.55	22	28.5	96	74	Calm	Calm	8	8	.....
26	54.94	54.27	22.5	28.5	96	75	Calm	SE 1	8	8	5.8
27	54.66	53.66	22.9	28.1	97	76	Calm	SW 2	9	8	.....
28	54.83	54.78	26.1	27.8	76	79	SW 3	SW 2	9	8	.....
29	55.49	54.41	24.8	30.5	89	68	Calm	SW 1	6	5	.....
30	57.60	56.12	23.3	30	97	66	Calm	Calm	5	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.06	56.84	22.9	29.3	95.8	73.1	0.3	0.9	5.8	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	190.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10*	*0-10*	*mm.*
1	57.55	56.87	23.5	28.5	96	80	Calm	Calm	8	8	.....
2	58.38	57.02	23.6	30	98	70	Calm	E 1	6	6	3.8
3	58.17	56.82	22.9	29.6	97	72	Calm	SE 1	9	5	.....
4	57.41	56.34	22.8	29.8	97	70	Calm	SE 1	5	8	.....
5	56.26	55.21	23.5	30	96	67	Calm	E 2	5	5	2.5
6	56.82	56.42	22.5	28.6	96	77	Calm	SE 2	8	8	.....
7	58.07	57.53	22.7	27.4	97	81	Calm	Calm	6	9	.....
8	58.72	57.77	22.2	28.1	98	75	Calm	Calm	9	8	.....
9	57.90	56.96	22.3	30	93	63	Calm	Calm	5	5	.....
10	57.81	57.39	22.4	29.6	96	69	Calm	Calm	6	8	.....
11	58.49	57.162	21.9	30.5	96	65	Calm	NE 1	5	6	.....
12	59.44	58.64	22.9	30.8	97	70	Calm	SE 2	5	5	.....
13	59.52	58.49	23.4	30.3	97	73	Calm	Calm	5	4	.....
14	59.19	57.86	23.8	30.5	97	72	ENE 1	NE 1	5	6	.....
15	58.63	58.03	23.5	31	96	69	Calm	Calm	4	5	.....
16	58.54	58.09	24.5	31	96	65	Calm	SE 2	4	5	.....
17	59.66	58.13	23	30.5	96	71	Calm	Calm	5	4	3.8
18	59.48	57.54	24	30	96	75	Calm	SE 2	5	6	.....
19	59.36	58.45	25	30.1	96	69	Calm	SE 2	5	5	23.6
20	59.32	58.50	24.3	29	97	76	E 1	Calm	9	8	2.5
21	59.06	57.65	23.8	30.1	93	68	Calm	SSE 1	5	5	1.5
22	58.41	56.37	23	30	96	67	Calm	SE 1	4	5	.....
23	56.52	55.89	23	30.4	96	65	Calm	SE 1	4	4	.....
24	57.57	56.85	25.8	29	93	74	Calm	SW 1	5	7	.....
25	58.13	57.17	23.3	30.5	97	62	SW 1	S 1	6	5	.....
26	58.53	56.69	23.6	30.2	96	66	Calm	SW 1	7	5	.....
27	58.82	57.55	23.5	30.5	96	70	Calm	SW 1	5	6	.....
28	.....	.....	23.3	31.5	96	60	Calm	SW 2	5	5	.....
29	.....	.....	23.5	30.8	94	67	Calm	Calm	5	6	12.7
30	.....	.....	23	30.5	97	73	Calm	S 2	5	5	.....
31	.....	.....	22.8	31	97	62	Calm	Calm	6	5	.....
Mean	58.36	57.31	23.3	30	96.1	69.8	0.1	0.9	5.7	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0-10*	*0-10*	*mm.*
1	59.67	58.05	23	30.9	97	63	Calm	ESE 2	6	5	.....
2	59.07	57.20	21.5	32.2	98	60	Calm	Calm	5	6	.....
3	58.77	57.45	22.4	32.1	93	60	Calm	SE 1	5	5	.....
4	59.32	57.25	21.4	31.5	96	60	Calm	Calm	4	4	.....
5	59.02	57.60	22.6	31.6	97	62	Calm	S 1	5	3	7.6
6	58.63	57.22	21	31	97	65	Calm	Calm	5	6	39.4
7	58.16	57.44	20.2	27.8	98	79	Calm	Calm	5	4	.....
8	57.99	56.51	22.3	31.1	92	65	Calm	E 2	3	5	3.8
9	58.20	56.28	22.8	31.4	97	62	Calm	E 2	6	5	1.3
10	57.71	56.31	23.2	30.2	98	68	Calm	SE 2	5	4	.....
11	57.92	57.02	22.5	29.9	96	69	Calm	SE 2	5	8	8.1
12	58.24	57.35	22.3	29.7	97	71	Calm	SSE 1	6	6	31.7
13	58.35	57.05	21.1	29.8	99	73	Calm	SW 2	5	5	2.5
14	58.34	57.50	22.6	29.4	99	72	Calm	Calm	8	5	3.8
15	58.34	57.61	22.3	28.6	97	73	Calm	SW 1	5	8	.....
16	58.37	57.50	21.3	29.8	97	69	Calm	S 2	5	6	.....
17	58.78	56.80	21.9	32.5	99	63	Calm	Calm	5	6	.....
18	57.76	56.30	22.5	31.1	97	66	Calm	Calm	5	6	.....
19	57.17	56.20?	22	31.5	96	62	Calm	SE 2	6	6	.....
20	57.52?	56.50?	22.5	32.4	96	62	Calm	SE 1	5	5	.....
21	57.98	57.48	21.6	31.2	96	62	Calm	ESE 1	5	6	.....
22	58.24	57.25	22.1	27	96	77	Calm	NE 2	5	9	.....
23	58.10	56.54	22.2	31.4	94	60	Calm	SE 1	4	5	.....
24	56.99	56.02	22.5	30	94	70	Calm	SW 1	5	7	.....
25	57.25	56.18	22.6	32.5	98	60	Calm	SE 1	5	6	.....
26	57.78	56.26	21.5	31.5	98	63	Calm	SE 1	4	5	6.1
27	57.91	56.24	23.3	31.5	97	68	Calm	SE 1	6	7	.....
28	57.09	55.78	23.8	31	97	67	Calm	Calm	8	6	.....
29	57.85	57.06	23.9	31.5	97	63	Calm	SE 1	5	6	.....
30	58.84	57.20	23.4	32.1	92	61	Calm	SSW 2	9	6	.....
31	58.23	56.69	24	30.9	96	69	Calm	E 1	8	6	.....
Mean	58.18	56.90	22.3	30.8	96.5	65.9	0	1.1	5.4	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104.3

DAVAO.

[$\phi = 7°\ 01'$ N; $\lambda = 125°\ 35'$ E; barometer above sea, 4.5 meters; gravity correction not applied, −1.91 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.15	57.20	23.5	32	96	65	Calm	E 1	6	5	64
2	58.84	57.29	22.6	30.8	97	65	Calm	S 1	6	5	.....
3	58.14	56.05	23.5	31.2	98	63	Calm	E 1	5	5	.....
4	57.11	55.51	23.5	31.3	97	67	Calm	NE 1	4	5	.....
5	56.45	55.25	23.4	31.9	98	65	Calm	E 2	6	6	.....
6	56.63	56.43	23.7	32.9	98	67	Calm	E 2	5	5	.....
7	57.16	55.66	24.4	31	94	72	Calm	E 1	7	6	2.8
8	57.44	56.10	23.4	31.5	97	68	Calm	SE 2	5	6	5.3
9	58.27	56.30	22.7	32	98	60	Calm	Calm	5	4	.....
10	58.84	57.30	23	31	97	69	Calm	E 1	5	6	.....
11	59.36	57.76	23.3	31.8	94	64	Calm	E 2	5	4	.....
12	59.63	57.96	23.5	32	97	61	Calm	SE 2	5	4	.....
13	59.89	57.76	23.5	31.5	96	63	Calm	SE 3	4	4	14.7
14	59.83	57.95	22.9	32	96	59	Calm	SE 2	5	4	.....
15	59.88	57.85	22	31.2	96	64	Calm	SSE 2	4	5	19.6
16	59.55	57.49	22.4	30.9	97	68	Calm	SE 1	5	7	19
17	60.17	58.14	21.8	31	97	67	Calm	E 2	5	6	.....
18	60.04	57.99	23.4	31	95	65	Calm	NW 1	7	5	3.8
19	60.27	57.38	22.4	32	96	63	Calm	SSW 2	5	5	3.3
20	58.30	56.47	22.5	31.1	97	68	Calm	S 1	5	7	.....
21	57.49	55.79	22.6	31.9	98	64	Calm	Calm	4	6	.....
22	57.82	56.22	23	32.1	96	57	Calm	Calm	5	4	.....
23	58.49	56.95	22.5	29	97	69	SE 1	Calm	4	8	.....
24	58.94	57.76	23	31.1	97	64	Calm	Calm	7	6	.....
25	59.62	57.46	22.5	32.5	97	60	Calm	SE 1	5	5	.....
26	59.39	57.07	23	33	98	63	Calm	SSE 1	4	6	11.9
27	58.74	55.99	23.4	31.9	98	64	Calm	SE 2	5	7	5.1
28	58.32	55.15	22.5	32.8	96	59	Calm	S 1	6	6	.....
29	56.90	54.63	22.5	32.3	96	62	Calm	SE 2	5	6	13.7
30	56.42	55.54	22.6	31.5	99	66	Calm	Calm	6	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.54	56.75	23	31.6	96.8	64.4	0	1.2	5.2	5.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	163.2

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.42	56.20	22.4	32	97	66	Calm	S 2	5	7	.....
2	57.52	55.91	22.5	32.5	96	58	Calm	Calm	6	7	.....
3	57.25	56.15	22.1	32.5	97	60	Calm	SE 1	6	5	7.1
4	58.97	58.05	22.4	31	97	71	Calm	SW 1	5	8	.....
5	59.84	57.93	23.3	33.4	97	62	N 1	NE 1	6	5	.....
6	60.02	57.46	23.8	31.5	97	70	Calm	Calm	6	5	8.6
7	58.22	56.49	24.4	32.3	97	68	Calm	SSE 2	7	5	20.8
8	59.04	56.69	23.5	33.1	98	61	Calm	SSE 2	6	5	95.5
9	58.69	56.47	22.5	32.5	99	62	Calm	Calm	5	6	6.6
10	58	55.92	22.4	31.1	98	74	Calm	Calm	8	7	13.2
11	58.34	55.93	23	31.1	97	66	Calm	SE 1	7	5	5.8
12	57.68	56.69	21.8	30.8	98	72	Calm	Calm	7	7	.....
13	58.01	55.43?	22.1	32.5	99	61	N 1	E 1	6	5	.....
14	57.31	54.81?	23.4	32.6	93	63	Calm	SE 1	5	6	.....
15	56.71	55.44	23.4	30.5	97	69	SE 1	Calm	5	9	2.5
16	57.27	55.60?	22.9	33.2	97	61	Calm	Calm	5	6	.....
17	57.76	56.04	23.4	32.5	97	61	N 1	NE 1	4	5	.....
18	58.09	55.89	24.1	32.1	97	66	Calm	Calm	7	7	6.1
19	57.65	56.10	23.7	32.8	98	65	Calm	S 1	7	5	.....
20	57.36	55.15	23	32.5	98	67	N 1	NW 1	6	6	2.3
21	56.92	55.66	22.8	32.5	97	63	Calm	E 1	7	6	3
22	58.28	56.83	23.3	31.9	97	69	Calm	N 1	5	7	24.6
23	59.14	57.43	23.9	32.3	97	65	Calm	NW 1	6	5	8.1
24	59.09	57	23	32.5	95	65	Calm	E 1	6	5	9.1
25	58.88	56.34	22.8	33	98	61	Calm	E 2	4	5	2.5
26	59.73	57.79	22.8	33.8	97	59	N 1	N 1	5	6	6.4
27	59.91	58.30	23	31.5	98	66	Calm	Calm	6	5	31.2
28	59.70	57.70	22.2	28.8	98	71	Calm	Calm	6	8	.....
29	58.75	56.22	21.8	30.5	96	66	Calm	ENE 1	5	7	.....
30	58.77	56.41	23	32	98	67	Calm	E 1	5	6	.....
31	58.39	57.57	23	26.2	97	90	Calm	Calm	6	9	7.1
Mean	58.35	56.50	23	31.9	97.2	66	0.2	0.8	5.8	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	260.5

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.29	56.17	23.3	32	98	65	Calm	NE 2	5	8	3.3
2	57.74	55.65	22.5	33.1	96	61	Calm	Calm	5	7	24.4
3	57.67	55.61	22.5	32.5	99	60	N 1	N 1	6	7	3.3
4	57.60	56.35	23.5	32	97	65	N 1	Calm	5	6	.....
5	57.70	55.94	23.1	32.6	98	62	Calm	NE 1	6	5	.....
6	58.56	57.34	23.5	27.4	98	81	Calm	N 1	9	9	.....
7	58.69	57.18	21	31.3	96	68	Calm	N 2	7	8	.....
8	58.01	57.70	23.9	25.5	94	93	N 1	NE 1	7	8	8.6
9	58.86	58.16	23.1	25.1	99	96	Calm	Calm 10		10	31.5
10	58.92	57.23	22.8	27.5	98	88	Calm	Calm 9		9	2.8
11	58.52	56.29	23.1	32.4	98	66	Calm	NE 2	7	7	.....
12	58.65	56.70	22.6	30.1	97	71	N 1	NE 1	4	5	5.3
13	59.15	57.55	22.5	29.8	99	70	Calm	N 2	7	8	.....
14	58.51	57.22	21.9	30.5	96	70	N 1	N 1	7	8	.....
15	59.05	57.02	23	29.5	92	68	NNE 2	N 3	7	6	.....
16	58.05	56.91	21.5	29.7	94	67	Calm	Calm 3		7	.....
17	58.06	56.60	21	32.7	96	58	N 1	NE 1	3	5	.....
18	58.22	56.70	22	33	96	52	Calm	NNW 1	3	3	.....
19	58.48	57.35	21.5	29.9	96	66	Calm	NE 1	3	6	.....
20	59.04	57.85	23.2	32.8	95	60	N 1	Calm	5	8	.....
21	59.23	57.53	22.5	32.7	96	60	Calm	N 1	6	5	.....
22	58.85	56.75	22.5	33.2	98	59	Calm	NE 2	4	5	.....
23	58.79	56.88	23	32.5	96	60	Calm	N 1	6	5	8.1
24	58.68	56.92	23	31.9	96	65	Calm	Calm 5		4	.....
25	58.87	56.95	22	33	98	59	Calm	ENE 1	4	3	1.3
26	58.59	56.86	21.9	32.8	97	62	Calm	N 1	5	6	.....
27	59.41	56.87	23.7	33.4	98	55	Calm	NE 2	4	5	.....
28	58.62	56.04	21.8	33	97	52	Calm	N 1	6	9	.....
29	58.14	56.17	22.5	33.5	94	61	N 1	NE 1	5	7	3.8
30	58.66	56.75	23.8	29.5	97	75	Calm	Calm 8		8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.52	56.84	22.6	31.2	96.6	66.5	0.3	1	5.7	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92.4

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.39	57.18	23	32.5	98	60	Calm	Calm	5	5	.....
2	57.61	55.90	23.6	31.3	97	63	N 1	N 3	7	5	.....
3	58.22	55.70	22.8	32.5	97	59	Calm	Calm	4	7	.....
4	58.39	56.48	23.3	33.4	97	57	Calm	NE 2	4	6	.....
5	58.21	57.40	23	29	96	78	Calm	N 1	5	8	.....
6	58.70	56.87	22.4	29.5	96	72	Calm	NE 2	6	8	48
7	59.23	57.33	21.8	28.6	96	74	N 1	N 1	6	8	.....
8	58.66	56.75	22.7	27.5	97	83	Calm	Calm	6	9	6.1
9	58.14	57.12	22.1	29.5	99	76	Calm	NE 2	5	8	5.6
10	58.46	56.01	20.7	33.1	98	63	Calm	NE 2	6	4	.....
11	57.82	56.64	22.4	26.6	96	88	Calm	Calm	6	9	4.1
12	56.70	56.05	22	26.5	96	79	Calm	Calm	9	9	.....
13	57.36	55.92	23	26.5	97	85	Calm	N 1	10	8	.....
14	57.91	57.04	22.5	31.5	96	69	Calm	Calm	8	9	3.8
15	58.45	57.44	22.6	32.3	95	56	Calm	Calm	5	4	.....
16	58.78	57.20	22	29.7	96	75	N 1	Calm	6	5	18
17	59.11	57.36	23	32.3	96	62	Calm	Calm	8	5	.....
18	59.50	57.42	23	31.3	97	68	Calm	Calm	5	7	.....
19	59.20	57.24	22.6	31.3	99	61	Calm	NE 2	4	5	.....
20	59.38	56.93	22.9	31.9	95	63	NE 2	NE 2	5	5	.....
21	58.53	56.61	22.5	32	96	62	Calm	Calm	4	5	.....
22	57.60	55.47	22.5	31.5	94	60	Calm	Calm	5	5	.....
23	57.17	56.35	21.5	30.4	99	66	Calm	Calm	4	5	.....
24	58	55.96	17.7	29.8	98	62	Calm	NE 1	4	5	.....
25	57.24	55.43	20	32.6	98	58	Calm	Calm	5	6	.....
26	57.03	55.90	20.8	32	96	55	Calm	NW 1	5	6	.....
27	57.87	56.50	21.5	32.8	99	56	Calm	NE 2	3	4	5.1
28	59.13	57.14	22	32.2	98	57	Calm	Calm	6	5	.....
29	59.57	57.31	21.2	32.3	98	56	Calm	Calm	4	5	.....
30	59.23	57.10	23.5	31.5	96	57	Calm	Calm	6	4	.....
31	59.88	57.68	21.6	31.9	93	55	Calm	Calm	5	5	.....
Mean	58.37	56.69	22.1	30.8	96.7	65.6	0.2	0.7	5.5	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90.7

NOTE: Beginning with the morning of October 1, the height of the barometer above sea level was 4.5 meters instead of 4 meters.

COTABATO.

[ϕ=7° 13′ N; λ=124° 15′ E;

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.4	29.3	97	61	Calm	NW 2	9	3	.....
2	.....	.....	23.4	29.5	95	61	Calm	WNW 1	4	3	2.5
3	.....	.....	22.7	31.2	97	56	SE 1	SE 1	10	7	1.8
4	.....	.....	23.6	29.8	97	70	Calm	SW 1	6	7	4.3
5	.....	.....	23.3	30.2	96	65	Calm	Calm	10	2	16.8
6	.....	.....	22.4	29.5	96	65	E 1	WNW 1	10	4	.3
7	.....	.....	22.1	29.9	97	59	E 1	E 1	10	8	.....
8	.....	.....	22.8	29.1	95	70	E 1	WNW 2	8	8	5.1
9	.....	.....	22.7	24.4	94	89	Calm	SE 1	10	10	6.4
10	.....	.....	22.6	28	89	70	E 3	SE 1	10	10	.....
11	.....	.....	22	29.1	96	66	Calm	NE 1	10	3	5.3
12	.....	.....	22.1	28.1	93	66	ESE 1	NW 2	7	6	1.3
13	.....	.....	22.6	28.7	97	71	Calm	ENE 1	10	10	.....
14	.....	.....	22.7	28.9	94	70	Calm	W 1	3	8	.8
15	.....	.....	23.3	31.5	97	57	Calm	SE 1	10	9	1.3
16	.....	.....	23.1	28.6	91	72	Calm	NW 2	8	10	3
17	.....	.....	23.5	28.8	96	65	Calm	WNW 1	10	6	6.6
18	.....	.....	22	28.3	97	70	Calm	Calm	10	6	.....
19	.....	.....	22.6	30.6	97	62	Calm	Calm	9	7	.....
20	.....	.....	23.5	29.5	96	64	Calm	Calm	10	7	.....
21	.....	.....	22.9	27	94	79	Calm	NW 2	8	10	56.1
22	.....	.....	23	29.2	98	71	Calm	NW 1	10	9	15.7
23	.....	.....	23.9	29.8	97	67	Calm	Calm	10	10	16.8
24	.....	.....	22.6	29.5	97	70	E 1	Calm	10	10	.....
25	.....	.....	23.6	32	93	59	Calm	SE 1	10	8	6.1
26	.....	.....	23.1	30.6	97	70	Calm	SE 1	10	9	.....
27	.....	.....	22.5	28.4	89	72	Calm	W 3	3	9	.....
28	.....	.....	23	29.5	96	66	E 1	W 2	3	3	.....
29	.....	.....	23.9	29.5	95	68	Calm	W 2	3	4	5.3
30	.....	.....	23	25.7	95	85	Calm	W 1	10	10	.....
31	.....	.....	23.4	28.9	97	69	Calm	NW 2	10	9	.....
Mean	.....	.....	22.9	29.1	95.3	67.9	0.3	1.1	8.4	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	155.5

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.4	29.1	96	73	SE 1	WNW 1	10	6	.....
2	.....	.....	23	32.5	96	59	SE 1	Calm	7	8	7.6
3	.....	.....	23.5	31.5	97	60	Calm	ESE 1	10	5	14
4	.....	.....	22.3	30.9	96	64	Calm	W 1	2	3	46.5
5	.....	.....	22.6	28	98	75	Calm	NW 1	10	2	.....
6	.....	.....	23	29	95	70	Calm	W 1	6	3	.....
7	.....	.....	23.4	31.1	95	58	Calm	Calm	3	8	.....
8	.....	.....	23.4	28.6	93	70	Calm	Calm	7	10	1.5
9	.....	.....	22.5	28.5	94	63	Calm	Calm	10	10	3
10	.....	.....	22.6	25.8	93	79	Calm	Calm	10	9	5.6
11	.....	.....	22.7	28	97	71	Calm	Calm	10	7	.....
12	.....	.....	23.3	30.7	97	67	Calm	W 1	3	4	7.4
13	.....	.....	23	30.1	95	69	Calm	W 1	9	2	.8
14	.....	.....	22.7	29.5	96	72	Calm	WSW 2	7	2	.3
15	.....	.....	22.6	29.4	97	67	E 1	W 1	4	10	.....
16	.....	.....	23.8	31.2	93	55	ESE 1	Calm	10	7	.....
17	.....	.....	23	29	97	71	Calm	NW 1	7	8	.....
18	.....	.....	22.8	29.7	97	69	NE 1	WNW 1	10	7	.....
19	.....	.....	23.1	28	94	73	Calm	Calm	10	10	.....
20	.....	.....	22.8	29.5	90	66	Calm	Calm	10	10	34
21	.....	.....	22.8	30.5	90	62	Calm	SE 1	10	10	24.9
22	.....	.....	22.3	29.7	97	67	Calm	Calm	10	9	.....
23	.....	.....	22.4	30.7	96	53	E 1	SE 1	10	8	.....
24	.....	.....	21.5	28.1	89	71	Calm	Calm	3	10	.....
25	.....	.....	22.9	28.5	95	66	E 1	Calm	10	10	.....
26	.....	.....	22	28.1	95	74	Calm	WNW 1	2	9	.....
27	.....	.....	23.5	29.5	88	68	Calm	NW 1	9	8	.....
28	.....	.....	23.9	27	84	74	SE 1	Calm	10	10	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	22.8	29.4	94.3	67.4	0.3	0.6	7.8	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145.6

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.5	29.2	96	68	Calm	NW 2	2	5	4.8
2	.....	.....	22.5	28.3	94	71	SE 1	Calm	10	10	1.8
3	.....	.....	22.7	28.5	97	72	Calm	NW 1	7	10	11.9
4	.....	.....	23	28.5	91	72	Calm	Calm	10	9	.....
5	.....	.....	23.5	30	89	65	E 1	S 1	10	10	.....
6	.....	.....	23.9	26.1	97	88	Calm	NW 1	10	10	6.1
7	.....	.....	22.8	28.7	97	66	Calm	NW 2	8	9	14.2
8	.....	.....	23	27.1	96	80	Calm	WNW 1	8	9	.....
9	.....	.....	22.6	28.4	95	74	E 1	NW 1	4	7	.....
10	.....	.....	23.4	25.8	97	81	Calm	NW 1	3	10	.....
11	.....	.....	23	29.1	96	70	Calm	WNW 1	5	8	.....
12	.....	.....	23.6	28.8	96	69	Calm	WNW 2	10	2	3.8
13	.....	.....	23.4	30.5	95	70	Calm	NW 2	3	2	.....
14	.....	.....	23	29.7	96	72	Calm	NW 1	6	4	.....
15	.....	.....	23.1	30.5	94	72	Calm	SW 2	1	2	.....
16	.....	.....	22.1	30.7	96	67	Calm	SW 1	6	2	.....
17	.....	.....	22.5	30.5	91	70	Calm	W 1	7	1	.....
18	.....	.....	23.2	29.5	93	70	Calm	W 2	10	2	3.3
19	.....	.....	22.7	31.6	98	61	Calm	Calm	3	2	.....
20	.....	.....	23.6	28.6	95	73	E 1	Calm	8	9	.....
21	.....	.....	23.4	29.9	93	73	Calm	W 2	3	3	1.3
22	.....	.....	23.1	30.6	95	69	Calm	W 1	2	8	7.6
23	.....	.....	22.6	31.5	95	63	SE 1	Calm	10	7	.....
24	.....	.....	23	32	94	66	Calm	W 1	8	6	15.2
25	.....	.....	23.1	30.5	95	72	Calm	W 2	7	3	5.1
26	.....	.....	23.5	32.5	92	62	Calm	SE 1	10	8	26.9
27	.....	.....	23.2	29	95	68	E 1	E 1	9	9	5.6
28	.....	.....	23.3	27.9	96	77	SE 1	SE 1	10	10	.....
29	.....	.....	22	30.3	96	67	Calm	W 1	9	7	.....
30	.....	.....	23	33	90	62	Calm	ESE 1	7	7	8.1
31	.....	.....	23.6	30.2	93	64	Calm	SE 1	10	10	10.9
Mean	.....	.....	23	29.6	94.6	70.1	0.2	1.1	7	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22	31.4	98	61	SE 2	S 1	10	10	16.8
2	.....	.....	22.4	29	96	75	Calm	WNW 1	6	3	2.3
3	.....	.....	22.9	30.5	97	62	Calm	W 1	10	7	32
4	.....	.....	23	31	97	59	Calm	Calm	7	8	7.1
5	.....	.....	22.7	30.6	96	64	Calm	Calm	3	7	3.6
6	.....	.....	22.5	29.6	96	64	Calm	NW 1	9	8	31.2
7	.....	.....	22.7	30.3	96	70	Calm	W 1	1	4	.....
8	.....	.....	23.4	29.5	94	75	Calm	NW 2	4	3	33.5
9	.....	.....	23.5	28.8	96	78	Calm	NW 1	9	8	36.1
10	.....	.....	23.5	29.9	96	72	Calm	Calm	10	10	.....
11	.....	.....	24.2	29.8	97	67	Calm	NW 2	10	10	.....
12	.....	.....	23.4	30.2	95	70	Calm	SW 2	10	9	.....
13	.....	.....	22.5	29.9	96	68	Calm	W 1	10	9	.....
14	.....	.....	22.5	30.4	90	61	Calm	WSW 1	10	1	.....
15	.....	.....	22.9	29.5	87	75	Calm	W 1	6	4	.....
16	.....	.....	22.4	29.5	96	72	Calm	SW 2	2	3	.....
17	.....	.....	24	28.5	96	80	Calm	NW 2	10	10	.....
18	.....	.....	24	30.3	95	66	Calm	NW 2	10	6	13.7
19	.....	.....	24.2	31.3	97	63	Calm	Calm	9	2	.....
20	.....	.....	24.5	30.2	92	68	Calm	NW 2	5	2	.....
21	.....	.....	24.3	29.2	92	75	Calm	NW 2	4	8	9.7
22	.....	.....	23.2	29.5	97	70	Calm	NW 2	9	8	9.1
23	.....	.....	23	30.5	95	68	Calm	Calm	10	9	4.3
24	.....	.....	24.1	29	96	74	Calm	NW 2	3	1	2.8
25	.....	.....	24.4	29.5	97	69	Calm	NW 2	4	5	19.3
26	.....	.....	22.9	27.8	97	74	Calm	SE 2	6	9	18
27	.....	.....	23	29.2	97	72	Calm	Calm	10	9	.....
28	.....	.....	23	32.2	96	52	ESE 1	Calm	4	4	33
29	.....	.....	23.5	31.2	97	60	Calm	Calm	9	3	3.3
30	.....	.....	22.8	32	96	55	SE 1	Calm	3	1	.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.2	30	95.4	68	0.1	1.1	7.1	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	276.3

COTABATO.

[$\phi = 7°\ 13'$ N; $\lambda = 124°\ 15'$ E]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			23.3	31	96	65	Calm	Calm	8	3	
2			24	28.7	91	80	Calm	NW 2	7	10	7.4
3			23.5	31.5	96	57	E 1	Calm	3	3	4.3
4			24.3	26.2	94	87	Calm	N 1	9	10	4.1
5			23.5	31.9	96	63	Calm	Calm	9	4	4.6
6			24	30.4	93	72	Calm	N 1	2	9	
7			25	29.7	93	75	SE 1	Calm	10	9	4.8
8			23.8	30.6	95	68	Calm	W 2	7	3	
9			24.8	30.5	95	71	Calm	WNW 2	8	3	4.1
10			24	27.2	94	79	SE 1	N 2	9	10	
11			23.5	31.2	97	64	Calm	Calm	10	3	
12			24.7	27.9	94	74	Calm	Calm	10	10	
13			24.1	32.5	94	59	SE 1	Calm	3	3	18.8
14			24	32.2	96	59	NE 1	SE 1	10	4	7.1
15			24.1	29.1	94	76	Calm	NW 2	9	7	12.4
16			23.8	31.6	97	61	Calm	Calm	6	2	2
17			23.6	29.5	97	76	Calm	NW 2	1	2	3.6
18			24.8	28.7	97	71	Calm	NW 1	10	9	7.9
19			23.6	29.8	93	66	Calm	NW 1	2	2	
20			24	30.2	95	64	Calm	NW 2	7	1	
21			24.4	30.3	92	67	Calm	NW 1	7	7	
22			24.8	30.3	92	69	Calm	NW 2	1	6	
23			24.6	30	92	73	E 1	N 2	10	3	3.3
24			25.4	30.5	93	66	Calm	NW 2	10	3	
25			24.9	29.9	93	71	Calm	SW 2	8	8	30
26			24.3	30.7	96	60	Calm	NW 1	9	7	
27			24.5	30	92	69	Calm	WNW 1	8	4	13
28			24.5	30.3	92	67	Calm	Calm	3	1	2.5
29			24.9	31	92	65	Calm	W 1	2	4	
30			25	25.1	92	91	Calm	Calm	2	10	14.5
31			23.5	30.9	97	65	Calm	Calm	4	2	5.3
Mean			24.2	30	94.2	69.4	0.2	1	6.6	5.2	
Total											149.7

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			23.3	29.5	96	61	Calm	NW 2	10	7	6.6
2			23.5	29.5	96	72	Calm	W 1	10	3	10.4
3			23.2	28.5	97	72	Calm	WNW 1	9	10	
4			23.9	26.4	96	81	Calm	NW 1	10	10	2.3
5			23.9	28	96	76	Calm	WNW 1	10	7	51.8
6			22.3	28.9	97	67	Calm	NNW 1	10	4	
7			23.6	29	95	71	E 1	WNW 1	10	9	
8			23.6	29.6	95	62	Calm	NW 2	5	5	2.
9			23.5	27.2	96	78	Calm	Calm	10	10	
10			23.8	29	96	74	Calm	NW 2	1	3	29.2
11			23.2	29.6	98	69	Calm	SW 2	7	9	4.6
12			23.6	29.8	95	61	Calm	Calm	9	2	
13			24	29.7	93	71	Calm	W 1	3	9	4.6
14			23.5	31.4	96	70	Calm	SE 1	9	9	
15			24.3	29.5	95	72	Calm	N 2	10	3	9.1
16			24.5	29.6	94	74	Calm	WNW 2	3	3	8.6
17			23.9	30	97	67	Calm	Calm	3	3	8.9
18			24.2	30	92	66	Calm	W 1	3	3	11.4
19			23.1	29	95	75	Calm	NW 1	3	3	
20			24.5	30.6	92	69	E 1	W 1	1	1	21.6
21			23.6	30	98	70	Calm	NW 1	9	1	
22			24.9	28.7	94	77	Calm	NW 1	9	8	6.4
23			23.8	29.1	95	71	Calm	NW 2	10	2	4.3
24			25	27	92	77	Calm	SW 2	7	9	13.2
25			23.3	28.2	97	77	Calm	W 1	10	10	12.2
26			24.1	27.1	96	81	Calm	NW 3	10	10	78.3
27			23	24.2	98	85	Calm	SW 2	10	10	131.1
28			23.5	25.3	96	89	NE 1	Calm	10	10	21.1
29			23.5	30.6	97	67	Calm	SW 1	10	10	
30			23.7	29	95	71	Calm	Calm	10	5	6.6
31											
Mean			23.7	28.8	95.5	72.4	0.1	1.2	7.7	6.3	
Total											444.3

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			24.9	30	95	69	Calm	Calm	10	10	
2			25.5	29.3	94	72	Calm	W 1	10	10	
3			23.8	29	95	65	Calm	W 2	9	9	
4			24.5	23.6	94	95	Calm	Calm	4	10	33.5
5			24	27.2	96	84	Calm	NW 1	10	9	24.9
6			23.3	27.9	94	76	SE 1	Calm	10	10	37.1
7			24.5	25.8	96	84	Calm	W 1	10	10	55.8
8			22.6	27.9	98	76	Calm	NW 2	10	10	1.8
9			24.2	28.9	95	71	Calm	W 1	9	9	
10			24.9	29.7	94	71	Calm	W 1	5	9	
11			24	29.8	92	69	Calm	NW 1	6	2	
12			24.5	30	87	66	Calm	NW 1	3	3	
13			24.2	29.6	91	70	Calm	NW 1	5	4	
14			24.9	29.2	93	71	Calm	NW 2	1	2	
15			24.6	29.5	95	72	Calm	NW 1	1	3	
16			24	28.7	96	77	Calm	NW 2	7	10	
17			25.1	29.6	92	75	Calm	NW 1	7	3	
18			23.9	29.8	92	71	Calm	WNW 1	2	2	
19			24.1	29.5	96	72	Calm	NW 2	6	3	
20			24.6	28.9	92	74	Calm	WNW 1	3	9	
21			24	29.5	95	70	Calm	NW 2	1	3	
22			23.2	30.4	95	68	Calm	W 1	1	1	
23			24.5	29.9	92	72	Calm	W 1	9	3	8.6
24			24.3	29.5	97	75	Calm	W 1	10	10	13
25			23.4	29.7	97	76	Calm	N 2	10	9	.5
26			24.1	29.8	97	74	Calm	NW 2	10	6	
27			24	28.4	96	75	Calm	NW 1	9	10	5.1
28			23.5	30.4	96	66	Calm	W 1	4	10	
29			23.6	29.1	95	69	Calm	NW 1	4	3	
30			23.5	29.3	96	71	Calm	W 1	5	3	
31			23.5	30.5	96	66	Calm	NW 1	4	3	
Mean			24.1	29	94.5	73	0	1.2	6.3	6.4	
Total											180.3

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			24.4	28.4	95	77	Calm	NW 2	10	2	14.9
2			23.5	30.6	96	65	Calm	Calm	10	1	
3			24.2	29.5	95	72	Calm	NW 1	3	1	
4			24.1	29.5	92	69	Calm	NW 2	3	4	
5			24	30.1	95	72	Calm	NW 1	9	3	8.6
6			23	29.5	96	71	Calm	WNW 1	3	10	
7			23.1	29.2	96	74	Calm	NW 1	9	10	
8			23.2	29	94	76	Calm	W 1	10	8	
9			23.2	29.7	93	73	Calm	W 1	6	4	18.5
10			23.3	27.6	97	76	Calm	W 1	10	10	19.8
11			23.2	26.4	98	82	Calm	Calm	6	10	3.3
12			23.3	27.4	96	76	Calm	W 1	2	7	
13			23.1	30.3	94	61	Calm	NW 2	9	6	
14			23.5	28.6	94	69	Calm	Calm	10	10	
15			23	29	96	68	Calm	NW 2	10	10	9.7
16			23.8	29.5	86	68	Calm	NW 1	10	9	6.6
17			22.5	29.1	97	73	Calm	WNW 1	10	2	5.8
18			23.9	27.6	95	80	Calm	NW 1	10	10	11.1
19			23	27.6	96	77	Calm	WNW 1	10	9	27.2
20			22.6	25.1	97	88	Calm	W 1	10	10	3.3
21			22.4	29.1	96	73	Calm	WNW 2	10	6	6.1
22			24	29.1	97	73	Calm	NW 2	10	7	16.3
23			23.8	28.7	97	79	Calm	WNW 2	9	9	3.3
24			24	28.7	95	80	Calm	NW 1	10	8	15.7
25			23.1	27.8	96	74	Calm	Calm	10	10	3.6
26			23.3	29.5	96	78	Calm	NW 2	10	4	
27			24.3	28.7	91	78	Calm	NW 2	10	7	
28			24	29.5	95	71	Calm	WNW 1	10	10	23.1
29			22.4	27.8	96	75	Calm	NW 1	10	10	4.8
30			23.7	29.7	97	65	Calm	NW 1	10	8	3
31			24.1	29	97	74	Calm	W 1	10	7	10.7
Mean			23.5	28.8	95.2	73.8		1.2	8.7	7.2	
Total											215.4

COTABATO.

[ϕ=7° 13′ N; λ=124° 15′ E]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24	29.7	97	75	Calm	NW 2	9	2	.....
2	.....	.....	23.3	30.5	96	69	Calm	W 2	4	4	.....
3	.....	.....	23.1	29.5	92	75	Calm	NW 2	3	3	.....
4	.....	.....	23.6	30.5	97	68	Calm	W 1	10	10	.....
5	.....	.....	24	31.1	96	66	Calm	WNW 2	10	3	.....
6	.....	.....	24.4	30	97	71	Calm	W 1	6	10	.....
7	.....	.....	24.1	30.7	96	67	Calm	NW 2	7	10	2
8	.....	.....	24.2	27.5	97	73	Calm	W 1	10	10	.....
9	.....	.....	23.6	30.1	95	69	Calm	W 1	3	3	5.8
10	.....	.....	23.4	29.4	97	75	Calm	NW 2	7	6	.....
11	.....	.....	22.6	29.7	94	63	Calm	NW 2	3	2	.....
12	.....	.....	22.8	30.9	96	65	Calm	W 1	3	1	.....
13	.....	.....	23.7	31.1	96	64	Calm	W 1	4	1	10.7
14	.....	.....	23	29.1	95	71	Calm	NW 1	9	2	.....
15	.....	.....	23.2	30	95	67	Calm	WNW 2	6	2	6.9
16	.....	.....	23	28.5	96	76	Calm	NW 2	5	8	1.8
17	.....	.....	23.4	30.2	97	68	Calm	W 1	9	3	.....
18	.....	.....	25	28.7	92	74	Calm	NW 2	10	5	.....
19	.....	.....	23.5	30.4	97	66	Calm	NW 2	10	4	.....
20	.....	.....	23.4	29	95	67	Calm	W 1	10	10	53.6
21	.....	.....	23.1	29	98	70	Calm	W 2	10	8	1
22	.....	.....	23.2	28.5	96	71	Calm	Calm	10	4	.....
23	.....	.....	23.5	28.7	96	74	Calm	NW 2	10	10	.....
24	.....	.....	23.2	28.8	97	71	Calm	W 1	10	8	.....
25	.....	.....	23.6	30.4	97	66	Calm	NW 1	6	9	22.6
26	.....	.....	23.2	29.7	96	69	Calm	NW 2	10	4	3.6
27	.....	.....	24.3	29.5	88	75	Calm	NW 1	10	4	4.8
28	.....	.....	23.8	29.7	97	65	Calm	NW 2	7	3	7.1
29	.....	.....	24	28.4	96	68	Calm	Calm	10	10	18.3
30	.....	.....	23.5	25.5	97	92	Calm	Calm	10	10	44.7
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.6	29.5	95.7	70.3	0	1.4	7.7	5.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	182.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23	29.5	97	70	Calm	NW 2	10	10	31.2
2	.....	.....	22.3	25.5	96	90	Calm	Calm	10	10	42.6
3	.....	.....	22.5	28.5	97	73	Calm	Calm	10	10	.....
4	.....	.....	22.9	30	95	59	Calm	W 1	10	10	.....
5	.....	.....	22.1	31.5	93	57	Calm	Calm	3	2	.....
6	.....	.....	24	30.2	93	70	Calm	W 1	8	2	.....
7	.....	.....	25	30.2	97	66	Calm	NW 2	4	3	.....
8	.....	.....	24.6	29.7	92	71	Calm	NW 2	9	3	10.9
9	.....	.....	23.5	29.2	92	73	Calm	NW 2	7	9	5.1
10	.....	.....	23.9	27.9	97	81	Calm	NW 1	10	10	22.9
11	.....	.....	23.4	29.1	97	70	Calm	Calm	10	10	12.2
12	.....	.....	22.7	28.3	97	74	Calm	NW 2	9	9	37.8
13	.....	.....	23	29.7	98	70	Calm	W 2	10	4	31
14	.....	.....	23.4	28.6	97	73	Calm	WNW 2	10	10	43.7
15	.....	.....	24	29	97	73	Calm	Calm	10	8	25.6
16	.....	.....	23.6	24.9	97	91	Calm	Calm	10	10	31.
17	.....	.....	23.6	29.6	97	70	Calm	W 1	4	9	.8
18	.....	.....	24	29.4	96	67	Calm	WNW 2	10	9	.....
19	.....	.....	24.4	28.5	94	75	Calm	WNW 1	9	10	.....
20	.....	.....	23	29.8	95	67	Calm	NW 1	10	4	5.8
21	.....	.....	24	29	96	72	Calm	NW 1	10	10	7.6
22	.....	.....	24.4	29.7	94	67	Calm	Calm	10	4	.....
23	.....	.....	24	31.4	95	66	Calm	Calm	4	4	.....
24	.....	.....	24	31.2	93	61	Calm	Calm	8	3	.....
25	.....	.....	24.7	29.9	92	75	Calm	NW 2	10	5	1.3
26	.....	.....	24	33.4	96	57	E	1 Calm	1	3	1.5
27	.....	.....	24.3	32.9	93	55	Calm	Calm	4	5	4.8
28	.....	.....	23.6	32.2	95	55	Calm	Calm	4	4	4.1
29	.....	.....	23.3	31.3	97	64	Calm	Calm	10	7	17
30	.....	.....	23.9	31.3	94	66	NE	2 Calm	4	3	15.2
31	.....	.....	24.1	31	94	68	Calm	W 1	10	8	5.3
Mean	.....	.....	23.7	29.8	95.3	69.2	0.1	0.8	8	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	357.4

NOVEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24	31.6	96	59	Calm	Calm	3	6	10.9
2	.....	.....	23.9	29.4	94	74	Calm	N 1	10	9	17
3	.....	.....	23	32	96	60	Calm	Calm	3	8	15.5
4	.....	.....	24	31.7	97	60	Calm	Calm	10	9	3.3
5	.....	.....	23.5	29.7	94	67	Calm	Calm	3	3	4.3
6	.....	.....	24	30	97	65	Calm	Calm	10	10	.....
7	.....	.....	23.2	32.2	97	57	Calm	Calm	10	6	.....
8	.....	.....	23.9	28.8	92	69	E	1 Calm	4	10	.....
9	.....	.....	24	26.5	94	90	Calm	Calm	10	10	1.5
10	.....	.....	23.1	28.5	96	74	Calm	Calm	3	10	.....
11	.....	.....	24.4	29.4	97	70	Calm	Calm	10	9	34.5
12	.....	.....	23.2	28.7	97	73	Calm	Calm	10	9	5.8
13	.....	.....	23.5	28.6	97	72	E	1 Calm	10	10	1.5
14	.....	.....	22.8	31.2	97	61	Calm	Calm	10	7	1.8
15	.....	.....	23.2	29.5	97	69	Calm	NW 1	6	3	.....
16	.....	.....	22.9	28.7	89	71	Calm	Calm	1	9	.....
17	.....	.....	22.2	32	96	54	Calm	Calm	1	1	.....
18	.....	.....	24	31	94	59	Calm	NW 1	9	3	.....
19	.....	.....	22.8	30	95	64	Calm	W 1	1	9	.....
20	.....	.....	24.2	30.7	94	67	Calm	W 1	1	8	.....
21	.....	.....	24.4	32	90	60	Calm	Calm	3	3	.....
22	.....	.....	23.7	31.1	92	67	Calm	NW 1	1	1	.....
23	.....	.....	24	30.7	92	67	Calm	NW 1	1	7	3.8
24	.....	.....	23.2	32.2	94	62	Calm	Calm	9	3	10.7
25	.....	.....	23.9	31.7	96	60	Calm	Calm	2	1	6.6
26	.....	.....	23.1	31.2	97	61	Calm	Calm	3	4	5.3
27	.....	.....	24.5	29.5	96	75	Calm	W 1	3	4	.....
28	.....	.....	23.5	32.5	96	56	Calm	Calm	1	2	.....
29	.....	.....	22.4	....	95	....	Calm	.....	3	....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.5	30.4	95	65.8	0.1	0.3	5.2	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]27.9
9	.....	.....	23.3	28.7	97	77	Calm	NW 1	3	4	10.2
10	.....	.....	23.3	28	97	71	Calm	Calm	10	10	3.3
11	.....	.....	22.5	28	96	85	Calm	Calm	10	10	.....
12	.....	.....	23.3	26.8	96	86	Calm	Calm	10	10	.....
13	.....	.....	23.7	30.2	97	68	Calm	Calm	10	10	.....
14	.....	.....	23.9	30.8	97	68	Calm	Calm	7	10	11.2
15	.....	.....	22.8	29.9	98	65	Calm	Calm	10	10	9.9
16	.....	.....	23.2	28.5	98	74	Calm	Calm	10	10	1.5
17	.....	.....	23.5	30.9	96	64	Calm	Calm	10	7	.....
18	.....	.....	22	27.7	97	72	Calm	Calm	7	9	.....
19	.....	.....	24.3	31.3	92	65	Calm	Calm	10	7	.....
20	.....	.....	23.6	28.8	97	78	Calm	W 2	10	3	.....
21	.....	.....	23.7	28.7	96	74	Calm	W 2	7	7	.....
22	.....	.....	21.8	28.9	97	70	Calm	W 1	3	8	.....
23	.....	.....	20.7	28	96	74	Calm	Calm	4	8	.....
24	.....	.....	22.1	28.7	96	77	Calm	W 1	7	3	.....
25	.....	.....	22	28.9	97	77	Calm	W 2	3	2	.....
26	.....	.....	19.9	29.1	97	65	Calm	NW 1	1	1	.....
27	.....	.....	21	30	95	77	Calm	Calm	4	8	.....
28	.....	.....	22.5	31.1	96	69	Calm	Calm	1	5	.....
29	.....	.....	23.5	29.9	94	75	Calm	Calm	3	3	.....
30	.....	.....	22.2	30.2	95	71	Calm	Calm	1	3	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	22.7	29.2	96.2	72.8	0	0.5	6.4	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64

[a] Temporarily closed from November 30 to December 9. [b] Amount of rainfall from 6 to 9. There was no rain from 1 to 5.

CAGAYAN.

[$\phi = 8°\ 29'$ N; $\lambda - 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, −1.89 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.87	57.24	21.9	29.2	96	71	S 1	N 2	4	4	.....
2	59.27	57.85	21.6	29.6	95	67	S 1	NNW 2	10	8	6.1
3	58.57	56.70	21.6	29.1	95	70	SSE 1	NNW 2	7	7	.....
4	58.77	57.15	22	28.4	95	75	Calm	NW 2	4	10	7.4
5	59.29	57.07	21.5	27.5	96	79	S 1	W 3	4	10	5.1
6	58.44	57.56	23.4	28	97	77	Calm	N 3	10	10	2.5
7	58.05	56.33	23	28.5	97	74	Calm	NNW 1	8	10	.....
8	59.34	56.95	23.4	29	93	71	Calm	N 4	10	10	7.4
9	59.05	57.98	23	24.1	91	86	N 4	NNE 4	10	10	45
10	59.61	57.94	22	25	98	92	Calm	Calm	10	10	6.9
11	59.49	57.98	21.5	27.1	95	79	Calm	NNE 2	10	10	5.1
12	59.08	57.23	21.5	28.8	95	75	Calm	NNW 2	10	7	.....
13	58.20	57.57	22.4	25	93	92	Calm	Calm	10	10	5.1
14	58.49	57.56	20.9	27.5	96	74	Calm	N 2	4	9	2.3
15	58.77	57.78	22	28.6	96	78	Calm	N 1	10	10	.....
16	59.12	56.96	22	28.4	95	75	Calm	N 1	9	10	19.6
17	58.54	56.40	22.6	28.6	95	73	S 1	N 2	10	9	6.1
18	58.39	57.01	20.9	27.8	94	77	S 1	NW 2	10	9	.....
19	58.01	56.48	21	28.4	93	71	S 1	N 2	8	4	.....
20	58.47	56.75	22.4	28.6	93	75	SSW 1	NW 3	10	9	.....
21	57.88	56.35	23.2	27.4	97	81	S 1	N 2	4	10	3.8
22	57.32	56.67	23.5	25	96	92	Calm	W 2	10	10	17
23	57.84	56.27	23.2	24.5	97	94	Calm	NW 2	10	10	17.3
24	56.99	55.11	22.2	27.5	96	79	Calm	NW 2	10	10	.....
25	56.79	54.88	22.8	28.7	97	75	Calm	NNW 2	10	8	6.9
26	56.98	55.29	22.8	27.5	97	78	Calm	NNW 3	10	9	2.5
27	57.01	55.57	21.4	27.5	96	79	Calm	N 1	6	10	3
28	57.47	55.81	23	27.4	96	78	Calm	N 2	10	10	21.6
29	57.54	56.63	22.5	25.6	97	88	Calm	N 2	10	10	1.3
30	57.75	56.79	23.2	25.9	97	91	Calm	NNW 1	10	10	16.5
31	58.56	57.09	21.8	27.5	96	76	Calm	N 1	10	7	1.3
Mean	58.32	56.80	22.3	27.5	95.5	78.8	0.4	1.9	8.6	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	209.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59	57.67	21.6	27	95	77	S 1	N 2	7	10	.....
2	58.57	56.95	21.9	28.8	91	73	SW 2	NNE 2	10	7	34.5
3	58.97	57.50	22.2	26.9	96	82	S 1	Calm	7	7	1.3
4	58.70	56.98	21.3	29.4	94	67	Calm	NNW 2	0	1	.....
5	58.55	56.73	21.4	29.4	92	72	Calm	N 2	7	5	.....
6	57.99	56.15	23	29.4	93	70	Calm	N 2	4	1	.....
7	57.61	56.05	21.4	29	91	69	S 1	NNW 2	10	10	.....
8	58.14	57.19	22.5	27.2	96	71	S 2	N 4	10	10	1.3
9	58.27	57.42	22.2	26.4	93	77	SSW 2	Calm	10	10	1.8
10	58.11	57.14	21.6	24.4	96	91	S 1	Calm	10	10	17
11	58.90	56.70	22.8	27	97	81	Calm	N 2	10	10	9.7
12	58.29	56.71	22.5	27.6	96	84	Calm	N 2	7	9	5.6
13	58.77	56.80	21.5	29	95	74	Calm	N 3	6	10	.....
14	58.55	56.60	22.1	28.4	96	76	SSW 1	NNW 2	1	7	20.3
15	59.09	56.85	21.2	28.6	96	70	SSE 1	WNW 2	4	7	.....
16	59 37	57.84	22	28.4	94	73	Calm	N 3	1	8	2
17	60.22?	58.17	23.2	26.2	95	89	S 1	N 1	10	10	.8
18	58.47?	57.71	21.9	26.4	96	81	S 1	NNW 3	10	10	20.3
19	60.25	59.02	22.3	24.5	97	91	Calm	Calm	10	10	4.1
20	59.96	58.35	21.5	26.8	96	80	Calm	N 3	10	10	2.3
21	61.05	58.95	22	27.4	96	74	Calm	NNW 2	10	10	.....
22	60.88	59.09	21.9	27.4	96	77	Calm	N 3	10	1	.....
23	60.80	59.26	20.6	28	94	74	Calm	N 3	5	4	.....
24	61.38	60.69	20	25.3	91	78	Calm	N 2	5	10	.....
25	61.35	59.47	21.8	26.5	93	76	Calm	NW 1	10	10	.....
26	60.16	58.87	20	27	91	79	Calm	N 1	4	10	2.3
27	60.27	58.96	21.5	28.9	92	74	S 1	NNW 2	4	5	.8
28	60.12	58.35	23.3	29.4	96	71	Calm	NNW 2	10	10	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.35	57.79	21.8	27.5	94.4	76.8	0.5	1.9	7.2	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124.1

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.97	58.65	23	26.4	97	82	Calm	N 2	10	10	4.2
2	60.33	59.30	22.4	26.6	96	77	S 1	NW 1	10	10	.....
3	61.24	60.02	23	24.2	97	93	SSW 2	NNW 2	10	10	14.2
4	60.62	58.49	22.5	28.4	96	71	Calm	NNW 1	10	10	.....
5	59.90	57.97	22.4	28.5	93	77	Calm	N 2	10	10	.....
6	59.57	57.55	22.5	30	96	69	S 2	NW 2	9	7	.....
7	59.44	58.08	22	26.9	91	80	S 1	N 2	10	10	10.7
8	58.47	56.91	23	25.4	97	92	Calm	Calm	10	10	6.4
9	58.88	57.10	22	26.3	93	80	Calm	NNE 1	10	10	1.3
10	59.02	57.72	22.2	26.4	95	81	S 1	SE 3	10	10	9.1
11	59.11	57.80	21.4	29.6	93	67	SSW 1	N 2	9	8	.....
12	58.67	56.83	22.2	29.9	92	66	S 1	N 2	10	4	1.8
13	58.14	57.14	22.9	29	94	71	SSE 1	NW 3	8	1	.....
14	59.12	58.23	22	30.3	91	67	Calm	NNW 2	2	4	.....
15	59.43	58.31	21.8	29.8	93	66	SSE 1	NW 2	1	4	.....
16	60.35	58.68	21.5	29.8	95	66	S 2	N 2	7	8	.....
17	60.55	59.04	20.9	29.4	84	68	S 1	NNW 3	1	1	.....
18	61.22	59.53	23	28.4	88	72	S 1	NE 4	0	1	.....
19	60.81	59.34	21.5	29	95	71	SSE 1	NW 2	0	10	.....
20	59.58	58.34	22.5	29.1	89	71	S 1	WNW 3	1	6	.....
21	59.09	57.44	21.5	28	90	71	Calm	NW 3	0	7	.....
22	58.55	57.50	22.6	29.4	90	70	S 1	NNW 3	8	5	.....
23	59.35	56.79	21.6	28.7	93	73	S 1	NNW 3	10	9	.....
24	57.97	56.38	21.8	29.8	93	71	SSW 2	NW 3	0	8	.....
25	58.44	57.39	21.1	30.5	92	65	S 1	NNW 2	1	7	.....
26	58.18	57.15	21.9	30.2	90	70	SSW 1	NW 2	8	10	1.5
27	58.65	57.21	22	29.6	95	70	SSE 2	NNW 2	8	8	.....
28	59.24	58.33	22.9	26	90	79	Calm	NW 1	10	10	2.3
29	58.58	56.78	21.7	30.4	90	65	S 1	N 2	10	7	.....
30	58.24	56.82	22	29.5	93	69	SSW 1	Calm	7	8	.....
31	58.35	56.18	22.9	31	90	64	Calm	NNW 2	10	4	.....
Mean	59.32	57.84	22.2	28.6	92.6	72.7	0.9	2.1	6.8	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	51.5

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.69	56.28	21	30.9	86	61	SSE 2	N 2	10	8	.....
2	57.57	55.99	22.1	30.3	90	66	S 1	NW 2	4	10	.....
3	57.28	55.24	22.6	30.3	91	67	S 1	NW 3	10	4	.....
4	57.67	56.12	21.9	30.6	90	64	S 1	WNW 3	7	4	.....
5	57.84	56.42	23.8	27.5	93	81	S 1	W 2	10	10	.....
6	57.55	55.36	22	30.2	91	69	Calm	N 2	1	10	.....
7	57.67	55.36	21.9	29.6	87	64	SSW 1	N 3	4	4	.....
8	57.57	55.84	22	30.2	89	68	S 1	NNE 4	1	5	.....
9	57.49	55.99	23	30.5	90	67	Calm	NNW 1	7	10	.....
10	57.61	56.93	22.8	30.4	91	59	Calm	N 2	10	7	.....
11	57.72	55.55	23.4	29.8	85	62	S 1	NW 2	10	10	2.8
12	56.18	55.25	23.8	28.6	93	69	SE 1	NW 1	10	10	10.2
13	56.64	56.12	20.6	30.4	85	65	Calm	NNW 2	10	5	.....
14	57.91	56.50	20.7	30.5	79	58	S 1	N 3	0	0	.....
15	58.25	56.62	21.2	30	93	62	Calm	NNW 2	0	0	.....
16	58.54	57.19	23	30.6	86	59	Calm	N 2	6	2	.....
17	58.85	57.24	22	30.6	85	65	Calm	N 2	4	5	.....
18	59.68	57.89	22.8	31.6	83	57	S 1	NNW 2	7	4	.....
19	60.30	57.97	23.2	31	86	63	Calm	N 2	1	10	.....
20	59.82	58.04	22	30.4	88	65	SSE 1	N 2	0	4	.....
21	59.29	57.23	23.5	31	89	64	S 1	NW 3	3	9	3.6
22	58.24	56.88	23	29.6	93	71	Calm	NW 2	10	9	2.5
23	58.30	57.68	22	28	93	73	SSW 1	Calm	0	10	1.8
24	58.86	57.30	21.3	30.9	90	69	SSW 2	N 2	1	4	.....
25	59.48	57.73	23.6	30.5	86	67	S 1	ENE 2	8	7	.....
26	58.44	57	23	32	91	58	S 1	N 2	8	10	15.5
27	58.05	56.46	22.2	28.4	93	73	SSW 1	NE 2	10	10	16.8
28	57.54	55.47	22.1	30.4	96	62	S 1	N 2	7	7	1.5
29	58.47	57.13	22.2	30.4	94	64	SSE 1	N 1	4	4	.....
30	58.41	56.82	21.4	30.6	91	62	S 1	N 2	1	2	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.20	56.59	22.3	30.2	89.2	65.1	0.8	2.1	5.5	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	54.7

CAGAYAN.

[$\phi = 8°\ 29'$ N; $\lambda = 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.84	56.23	22.1	30.7	90	60	Calm	NNW 2	4	1	.....
2	56.99	55.80	22.1	31.4	87	65	SSE 2	NNW 3	1	10	5.8
3	56.97	55.85	22.5	30	92	71	S 1	N 2	10	10	1.3
4	58.14	57.23	23	28.5	95	75	Calm	Calm	10	10	.....
5	58.48	56.48	22.6	31.6	91	64	S 1	NW 2	4	10	.....
6	56.98	55.11	22.4	31.4	91	61	SSW 1	N 3	0	8	.....
7	57.09	55.83	24.5	28.7	89	75	Calm	Calm	10	10	3.8
8	56.82	55.32	22	31.3	95	66	Calm	N 1	1	8	.....
9	56.79	55.03	24.2	31.8	91	66	S 1	N 2	8	6	1.5
10	57.44	56.20	23.6	31.5	93	66	S 1	N 2	9	7	1.5
11	58.02	56.12	22.8	31.2	91	71	Calm	NNW 2	10	7	9.1
12	57.37	56.52	23.8	27.2	97	83	Calm	N 1	10	10	9.9
13	57.33	56.65	23	28.6	95	79	S 1	N 2	4	10	3
14	58.69	57.14	23.4	30	95	74	SSE 2	NW 2	10	10	7.1
15	58.77	57.11	23.4	30	94	73	SSW 1	N 2	7	10	.....
16	57.99	56.38	22.9	30.8	92	71	S 1	WNW 2	7	7	.....
17	56.73	55.24	23.4	29.3	90	74	Calm	N 2	8	10	.....
18	56.82	55.95	25	30.2	95	74	Calm	NNW 2	10	10	6.6
19	57.99	56.08	22.3	30	94	73	SE 1	NW 2	10	7	.....
20	57.64	56.43	22.6	31	95	71	Calm	N 3	2	1	3
21	57.29	56.13	23	30	88	71	S 1	N 2	10	4	.....
22	57.91	57.24	23	31	93	68	S 1	NNW 2	0	4	.....
23	58.24	56.83	22.6	31.9	91	69	S 1	N 2	1	1	.....
24	58.14	56.41	23.3	32.2	89	59	SSE 1	NNE 3	3	4	.....
25	57.83	56.76	23.4	31.7	88	59	Calm	N 3	6	9	8.9
26	59.27	57.80	24.1	31.7	96	62	SE 2	N 1	5	7	.....
27	59.42	57.73	24.6	31.6	93	68	Calm	N 2	8	7	.....
28	59.73	57.10	23	32	91	65	S 1	NW 2	0	1	.....
29	58.62	56.70	24.7	31.8	89	66	SSW 1	NNW 3	10	4	.....
30	59.63	57.40	23	31.7	90	62	S 2	W 2	2	4	1.3
31	59.58	57.78	22.2	31.8	91	64	SSW 2	N 2	1	7	.....
Mean	57.95	56.47	23.2	30.7	92	68.5	0.8	2	5.8	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.27	58.20	22.4	30.5	91	65	S 1	N 2	0	10	2.3
2	59.06	57.13	23	30.4	88	66	S 2	N 2	8	8	8.9
3	58.37	56.60	23	30.1	95	62	Calm	NE 2	1	9	.....
4	58.24	56.88	22.9	29.6	90	69	SSE 1	Calm	8	10	2.8
5	57.35	56.55	22.6	29.5	93	66	Calm	NW 2	9	10	35
6	57.58	56.23	22.7	30.4	97	64	S 1	N 2	10	10	15.7
7	57.85	56.58	22.8	31.4	93	61	Calm	N 2	10	10	30.
8	58.95	58.14	22.1	30.8	94	64	SSE 1	N 1	6	10	9.4
9	59.29	58.66	22.7	27.6	94	76	Calm	NW 1	10	10	1
10	58.94	57.30	21.1	31.3	90	59	S 1	N 2	0	7	.....
11	58.59	57.75	22.4	29.5	93	70	Calm	N 2	10	10	1.5
12	58.67	57.70	22.1	31.3	94	61	Calm	N 3	10	4	3.8
13	59.24	58.39	21.9	28	94	77	S 1	N 1	4	10	5.6
14	59.78	57.80	23.5	30	97	71	Calm	NW 2	10	10	1
15	58.59	57.32	22.5	30.4	93	72	S 1	N 3	10	7	.....
16	59.15	56.70	22.1	31.4	94	63	SSW 1	N 2	5	10	2.5
17	59.32	57.33	22	30.8	95	67	S 1	NW 2	4	4	.....
18	58.04	57.35	23	29.5	91	73	SSW 1	N 2	0	10	45.2
19	58.44	57.53	21.7	30.6	95	68	S 1	N 2	8	7	.....
20	58.49	57.23	22.1	30.6	94	72	S 2	NNW 3	1	2	.....
21	58	56.78	22.4	31.6	91	68	SSW 2	N 2	7	7	2.8
22	57.59	56.37	23	30.6	95	72	S 1	NNW 3	8	9	50.8
23	57.95	55.90	21.6	31	95	72	S 1	WNW 3	2	8	2.3
24	57.92	56.36	22.4	30	95	78	SSW 1	N 3	10	7	4.3
25	57.74	56.87	23	27.5	95	85	Calm	N 2	10	10	1.5
26	55.87	55.47	22.8	25.4	93	90	Calm	Calm	10	10	16.5
27	54.58	54.05	22.4	27	96	84	Calm	SE 3	10	10	1.8
28	54.96	53.66	23.5	28.4	92	72	Calm	SSW 2	10	10	.....
29	54.32	53.61	25.5	32.5	80	63	S 1	NW 2	10	10	.....
30	56.99	55.29	24.6	31.7	95	72	S 1	NW 2	10	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.97	56.72	22.7	30	93.1	70.1	0.7	2	7	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	244.7

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.79	57.10	24.2	30.8	93	72	S 1	Calm	10	10	.....
2	58.37	57.16	24.7	31.6	90	70	Calm	NNW 2	10	10	.....
3	58.32	56.85	24	29.5	88	70	S 2	NE 2	10	10	12.7
4	57.89	55.80	22.4	29.3	95	69	Calm	Calm	10	10	.....
5	56.44	55.31	22.8	28.3	93	74	Calm	NE 3	10	8	6.6
6	56.69	55.87	22.8	27.3	93	82	S 1	Calm	10	10	1.5
7	58.44	57	23.4	29.2	95	70	Calm	Calm	10	10	19.8
8	59.35	57.29	22.7	31	94	59	Calm	W 3	10	10	.....
9	57.87	55.99	24	32	87	57	Calm	NNE 2	10	7	.....
10	57.27	55.71	23.5	32.6	87	59	Calm	NNW 2	7	4	.....
11	57.79	56.26	23	33.9	91	56	Calm	Calm	7	4	.....
12	58.65	57.11	22.5	33	89	52	Calm	N 2	10	7	.....
13	59.29	57.48	22	32.1	84	63	Calm	NNW 1	8	7	3.6
14	58.84	56.66	22.4	32.5	88	62	S 1	NW 2	8	2	.....
15	58.24	56.99	22.8	31	88	65	S 1	NW 1	0	10	.....
16	58.63	57.39	23.9	31.6	84	59	S 1	NNW 2	10	10	.....
17	59.43	57.21	23	31.8	88	55	Calm	N 1	1	7	.....
18	59.32	56.59	22.9	32	85	63	S 1	N 2	0	0	.....
19	58.85	57.22	24	32	88	66	S 1	NE 2	3	6	.....
20	58.75	57.14	22.9	32.4	92	64	S 1	N 2	2	7	3.8
21	58.89	56.54	22.4	31.2	88	63	Calm	W 2	0	0	.....
22	58.34	55.78	23.5	32.3	87	60	S 1	N 2	0	0	.....
23	57.32	55.58	23.4	32.2	88	65	S 1	NE 2	2	1	.....
24	57.26	55.58	23.4	31.6	85	57	Calm	NNW 2	8	10	.....
25	57.44	55.55	23.2	33	93	52	Calm	NW 2	9	8	.....
26	57.53	55.38	24	32.2	83	54	S 1	N 2	10	10	13.7
27	57.82	56.54	24	29.7	91	67	Calm	Calm	10	10	.....
28	57.47	56.02	22.8	30	86	69	Calm	Calm	4	10	.....
29	58.51	56.79	23.2	30.3	88	63	Calm	NW 2	10	10	2.5
30	58.74	57.63	22.6	30.6	93	67	S 1	NW 2	1	4	2.5
31	59.42	58.38	23.1	30.5	90	66	Calm	NNW 2	7	8	8.9
Mean	58.22	56.58	23.2	31.2	89.2	63.5	0.5	1.5	6 7	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75.6

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.24	58.03	23.5	31	89	67	Calm	NNE 2	2	1	.....
2	59.64	57.73	23	30.5	93	65	Calm	N 2	4	7	.....
3	59.28	58.14	22.5	32	87	58	S 1	NW 3	4	4	.....
4	60.35	58.20	23.5	31	87	63	Calm	NNW 2	10	8	.....
5	59.68	57.75	23.5	30	87	67	S 1	N 2	7	10	.....
6	59.54	57.84	22.8	31.4	86	60	Calm	NW 2	1	10	.....
7	59.09	57.90	22.5	31	87	57	S 1	NNW 2	10	10	.....
8	58.98	57.46	23.4	31.5	91	59	Calm	N 2	10	10	.....
9	58.62	56.78	23.3	31.5	84	58	S 2	N 2	1	10	.....
10	58.36	56.75	23.5	25.8	84	81	Calm	N 2	10	10	40.6
11	58.19	56.79	22.6	26.4	91	84	S 1	Calm	1	10	5.3
12	58.19	56.70	23	30.6	91	67	Calm	NNW 2	4	8	.....
13	57.91	57	23	31.5	91	63	Calm	NW 3	6	7	.....
14	58.84	57.43	23	30	88	69	Calm	N 2	2	10	.....
15	59.33	57.73	23.2	29	93	68	Calm	Calm	10	10	6.4
16	59.37	57.33	23	30.8	93	65	Calm	N 2	2	9	.....
17	59.66	57.83	23.8	30	90	68	Calm	N 3	10	10	.....
18	58.63	56.08	22.9	30	91	70	Calm	N 2	7	8	33
19	58.27	56.83	22.5	30	96	69	Calm	N 2	4	7	15.2
20	59.31	58.66	23.3	26.3	96	83	Calm	Calm	10	10	2.8
21	59.08	57.70	21.9	31.5	88	59	Calm	NE 2	7	7	8.9
22	58.84	57.60	22.1	31	90	62	Calm	N 2	2	10	.....
23	59.04	57.23	22.6	30.2	91	73	Calm	NE 2	1	7	.....
24	57.94	56	23	31	90	63	Calm	N 2	10	10	1.5
25	57.97	56.10	22.2	30	91	71	Calm	NE 2	8	10	.....
26	57.94	56.81	22.6	32.2	93	58	Calm	N 2	1	4	.....
27	58.44	57.02	23.4	30	91	71	S 1	N 2	10	10	.....
28	57.94	56.85	23.5	30.9	92	59	Calm	NNW 2	10	10	18.8
29	59.33	58.13	23.8	30.4	97	63	Calm	N 2	10	10	.....
30	59.73	58.48	23.3	30.6	87	64	Calm	Calm	10	10	2.3
31	59.89	57.23	23	30	93	70	Calm	ENE 2	10	4	3.8
Mean	58.92	57.36	23	30.3	90.3	66.3	0.2	1.8	6.3	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138.6

CAGAYAN.

[$\phi = 8°\ 29'$ N; $\lambda = 124°\ 38'$ E; barometer above sea, 13 meters; gravity correction not applied, —1.89 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.24	57.70	22.8	31.2	95	64	Calm	N 3	4	7	.....
2	59.55	57.42	22.6	32.	90	65	Calm	N 2	8	3	.....
3	58.77	56.80	23.1	30.6	94	70	Calm	N 3	6	7	.....
4	57.92	55.92	22.5	32	92	60	Calm	NW 2	7	8	.....
5	56.84	55.53	23.6	32.8	91	56	Calm	SE 3	9	10	.....
6	57	56.05	25	32.6	83	61	Calm	NW 2	3	10	.....
7	57.87	55.75	23.5	33.6	92	56	Calm	NNW 3	3	7	8.9
8	57.93	56.38	23.8	32	90	64	Calm	E 2	9	4	.....
9	58.44	56.94	23	31	93	72	Calm	NW 3	3	7	.....
10	59.34	57.16	23.2	32	93	64	Calm	N 2	10	4	.....
11	59.43	57.63	23.4	33	85	57	S	1 N 2	4	2	.....
12	59.74	57.91	22.7	32	85	63	S	1 N 3	2	0	14.2
13	60.30	58.02	23.9	31.6	92	63	Calm	N 3	0	0	.....
14	60.32	58.46	23.4	31	88	59	Calm	N 3	0	8	.....
15	60.47	58.50	23.4	30.5	91	65	Calm	N 3	10	7	.....
16	60	57.40	22.4	30.3	88	68	S	1 N 3	0	6	.....
17	61.01	58.23	22.5	32.2	91	59	SSW	2 N 3	0	4	.....
18	60.87	59.05	24.2	30	89	69	Calm	N 2	10	10	.....
19	60.92	58.85	22.5	29.6	91	64	S	1 N 3	0	10	.....
20	59.44	57.33	22.5	32.5	92	59	SSE	1 N 2	4	7	.....
21	58.77	57.70	23.6	31	93	63	S	1 NNW 3	10	7	.....
22	58.84	57.65	23.2	28	86	82	S	1 Calm	10	10	12.7
23	58.94	57.18	22.5	32.2	91	58	S	1 NNE 3	10	4	.....
24	59.60	58.73	22.4	27.5	91	76	Calm	S 4	0	10	2.5
25	60.27	58.47	22.4	29.5	93	70	S	1 N 2	0	7	3
26	60.30	58.55	22.9	31.2	91	67	Calm	N 3	4	7	.....
27	59.84	57.94	23	29.4	90	74	Calm	N 2	6	7	4.2
28	58.92	56.34	23.2	32.1	93	66	Calm	N 3	4	4	.....
29	57.37	54.58	23	32	88	61	S	1 N 3	5	8	.....
30	57.53	55.70	23.8	30.4	93	64	Calm	ESE 2	10	10	11.7
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.19	57.33	23.2	31.2	90.5	64.6	0.4	2.6	5	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.94	56.61	23	31	96	57	Calm	Calm 2	10	10	1.3
2	58.04	56.53	23.2	30	90	69	S	1 SW 2	10	10	1.3
3	57.67	55.87	22.5	32.6	92	52	Calm	N 2	10	10	.....
4	58.92	57.99	22.8	31.4	84	59	S	2 NW 2	5	10	.....
5	60.41	58.54	22	31.7	91	64	SSW	2 N 3	7	0	.....
6	60.70	58.45	22.4	31	88	68	S	1 N 3	0	4	3
7	58.87	57.48	23	31.4	91	63	Calm	N 3	8	7	.8
8	59.33	57.29	23	31.1	90	69	Calm	N 3	2	0	32
9	59.42	57.86	24	28.7	96	75	Calm	Calm 10		10	.....
10	58.64	57.92	23.5	24	90	91	Calm	Calm 10		10	26.4
11	59.14	57.35	23.3	29.1	97	71	Calm	Calm 10		8	50.8
12	58.65	57.37	22.2	30.4	96	64	Calm	NW 2	4	7	4.8
13	59.05	57.75	22.9	27.7	92	79	Calm	Calm 10		10	6.4
14	58.74	56.53	23.4	30.4	97	69	Calm	Calm 10		10	3.8
15	58.04?	55.32	23.5	30.5	92	68	Calm	WSW 3	10	10	.....
16	56.93	55.85	24.3	29.5	91	75	Calm	Calm 10		10	.....
17	58.02	56.40	23.5	30.5	85	67	S	1 N 2	7	8	8.9
18	58.69	56.88	23.4	30.7	91	63	Calm	NW 3	7	10	.....
19	58.79	56.89	22.6	30.9	91	57	Calm	N 2	8	6	.....
20	58.24	56.46	23.1	30.5	89	61	SSW	2 N 3	7	8	.....
21	57.91	56.22	24.2	30.4	88	64	Calm	NNW 2	10	10	.....
22	59.24	56.68	23	30	90	67	Calm	Calm 7		0	.....
23	59.08	57.39	23.2	30.5	90	66	Calm	N 2	4	7	.....
24	59.44	57.28	23	30.5	89	68	Calm	N 3	7	2	.....
25	59.29	57.30	23.5	30	88	74	Calm	N 3	4	8	10.2
26	59.55	58.09	22.4	31.6	93	66	Calm	NNW 2	0	4	.....
27	60.22	58.23	22.9	29.8	90	66	Calm	N 1	1	10	.....
28	59.97	57.99	22.2	30.5	89	65	S	1 NE 2	1	5	.....
29	59.07	56.50	22.2	30.5	91	71	Calm	NNW 2	1	5	.....
30	58.44	56.49	23.2	30.5	90	71	Calm	Calm 0		10	.....
31	58.84	57.20	22.8	29.2	91	81	S	1 Calm 2		10	.....
Mean	58.88	57.12	23	30.2	90.9	67.7	0.4	1.6	5.9	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	149.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.87	56.78	22.8	30.4	91	73	Calm	N 3	10	9	.....
2	58.24	56.23	22.5	31	91	68	Calm	N 2	0	7	.....
3	58.40	56.40	22.6	28.8	90	79	Calm	N 2	4	10	.....
4	57.92	56.87	23.4	25.9	90	85	Calm	Calm	10	10	3
5	58.43	56.90	21.8	30.8	93	71	Calm	N 2	3	7	.....
6	58.63	56.70	23	31	93	64	S	1 N 2	2	4	.....
7	59.29	57.20	22	30	81	66	Calm	N 2	4	10	.....
8	58.52	57.36	22.5	30.9	92	64	Calm	N 2	2	10	.....
9	59.42	57.99	23.5	27.8	90	88	Calm	Calm 10		10	3
10	59.47	57.33	20.5	29.8	95	70	S	1 Calm 2		10	.....
11	59.23	57.35	23	29.8	91	75	Calm	NW 2	2	3	2.5
12	59.26	56.83	23.6	30	93	74	Calm	N 4	10	10	3.3
13	59.47	57.73	21.8	30.8	93	59	Calm	NNE 2	10	8	.....
14	59.36	57.93	20.7	30	88	67	Calm	N 3	0	7	.....
15	59.57	56.99	22.8	31.2	88	60	Calm	N 3	8	0	.....
16	58.68	57.44	21.7	29.4	87	62	S	2 Calm		10	.....
17	58.73	57.04	21.4	29.1	88	73	Calm	N 3	0	7	.....
18	58.92	57.58	21.9	30.2	92	59	S	1 NE 4	0	0	.....
19	59.34	57.79	21.8	31	87	59	Calm	NW 3	0	4	.....
20	59.63	58.14	22.1	29	87	76	SSE	1 N 2	0	8	.....
21	59.29	57.64	22	31	91	62	S	1 NNW 1	0	4	.....
22	59.24	57.68	23	30.4	90	69	Calm	NNW 2	0	6	.....
23	59.74	57.33	22.8	30.5	91	71	Calm	NW 3	3	7	.....
24	59.22	57.50	23.2	30.5	88	71	Calm	NW 2	2	3	.....
25	59.74	57.54	24	29.8	83	75	Calm	NNW 4	7	8	.....
26	59.09	57.73	22.1	30.5	89	67	S	1 N 2	4	4	.....
27	60	57.79	22.8	30.4	91	68	Calm	N 2	2	3	.....
28	59.38	56.90	22.5	30.5	88	70	Calm	NW 2	0	2	.....
29	59.29	57.53	21.5	30.3	87	72	Calm	N 3	0	8	.....
30	58.47	57.10	24.5	31.5	91	60	S	1 N 2	1	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.09	57.31	22.5	30.1	89.6	69.2	0.3	2.1	3.2	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.8

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.27	57.33	21.8	30.4	87	69	S	1 Calm 2		8	.....
2	59.09	57.85	24.6	25.4	93	92	Calm	Calm 10		10	8.6
3	58.94	57.02	22.3	28	94	80	Calm	N 2	8	10	3.8
4	58.78	57.33	22.4	29.4	96	75	Calm	N 2	4	4	.....
5	58.74	57.55	23	28	93	82	Calm	Calm 5		10	3
6	59.37	58.59	21.5	25	95	92	Calm	Calm 4		10	1.8
7	59.59	57.90	22.8	29.1	95	71	S	1 N 2	10	7	.....
8	59.31	58.38	23.8	28.3	92	72	S	1 N 4	10	10	.....
9	59.74	57.95	22.5	28.7	92	73	S	2 N 3	10	10	4.1
10	59.12	57.40	23.2	25.8	97	90	S	1 N 2	10	10	8.9
11	58.69	57.18	22.8	27	97	81	SSE	1 N 1	10	10	1.5
12	58.22	57.02	22.5	26	91	84	Calm	Calm 10		10	.....
13	57.89	56.89	23	25.4	95	88	Calm	Calm 10		10	6.4
14	58.77	56.95	22.4	28.4	96	77	S	1 N 2	10	10	.....
15	59.27	57.85	22	29.6	95	71	Calm	NNW 2	0	2	.....
16	59.49	58.28	21.5	28.5	89	77	Calm	N 2	2	10	19
17	59.83	58.37	23.4	27.8	97	79	Calm	W 2	10	10	.....
18	60.66	58.21	20.9	29.6	92	64	Calm	N 2	4	7	.....
19	60.37	59.60	21.8	26.2	91	84	S	1 NNW 2	10	10	14.2
20	60.55	57.28	23	28.5	95	73	Calm	NNW 1	10	9	.....
21	59.73	58.10	22.4	27.3	95	81	Calm	N 4	10	10	.....
22	58.94	57.85	24	28.5	90	67	Calm	Calm 10		10	.....
23	58.88	57.94	21	29.4	85	67	S	1 NNW 2	10	10	.....
24	59.01	57.45	20.7	28.6	88	66	Calm	N 2	10	10	.....
25	58.01	55.24	21.5	28.5	90	74	S	1 NE 2	10	10	.....
26	57.77	56.33	22.4	29.4	88	62	S	1 N 3	0	4	50.8
27	59.24	57.89	23.3	29.3	94	69	Calm	NNW 2	10	2	.....
28	60.41	58.05	21.1	28.5	90	70	Calm	W 2	0	2	.....
29	60.18	58.05	22.1	28.5	81	71	SSE	1 NNW 2	0	4	.....
30	60.55	57.93	22.5	29	87	67	S	1 N 2	0	2	.....
31	60.73	58.85	21.5	29.5	88	66	SSW	2 N 2	0	4	.....
Mean	59.33	57.70	22.4	28.1	91.9	75.3	0.5	1.7	6.7	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122.1

BUTUAN.

[$\phi = 8°\ 56'$ N; $\lambda = 125°\ 32'$ E; barometer above sea, 2 meters; gravity correction not applied, —1.88 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	58.61	57.50	22.5	30	97	68	S 1	N 3	7	9	.....
2	58.95	57.67	22.5	31	96	62	Calm	N 3	7	6	3
3	58.81	57.58	23.4	25.6	97	94	SE 1	.....	10	10	7.1
4	58.85	57.46	22.1	25.5	99	89	Calm	.....	5	10	16.3
5	59.17	57.16	23	29	99	74	Calm	NNW 3	8	8	1.6
6	58.39	57.31	22.6	28.4	99	77	Calm	NW 4	7	9	2.8
7	58.21	56.35	22.6	29.9	99	69	Calm	NW 4	9	8	2.5
8	59.45	57.90	23.1	25.9	97	93	S 1	.....	9	10	17.5
9	58.73	58.02	22.5	24.2	97	94	Calm	WSW 2	10	10	103.2
10	59.33	58.62	21.6	23.9	99	91	S 1	.....	10	10	3.9
11	59.03	57.70	22.1	27.5	99	84	SSW 1	NW 3	10	10	42.4
12	58.76	57.56	21.6	26.6	95	83	SE 2	E 1	10	9	.5
13	57.80	57.65	22.6	25	98	92	NE 1	SE 2	10	10	8.4
14	58.42	57.83	21	27.4	96	71	Calm	NNW 1	2	7	1.8
15	59.12	58.46	22.6	25.5	99	91	Calm	S 1	10	10	1
16	59.33	56.72	22.4	29.1	97	71	S 1	N 3	10	8	62.8
17	58.80	56.87	22.5	27	96	88	Calm	W 1	10	9	4.3
18	58.22	56.82	22	29.7	98	70	Calm	NW 3	3	5	.....
19	57.96	56.42	21.8	29.1	97	74	Calm	N 3	4	7	1
20	58.66	57.33	22.6	26	99	89	E 1	N 1	10	10	6.4
21	58.11	56.48	23.5	26.1	99	91	SSW 1	W 1	10	10	11.9
22	57.30	56.38	23.5	27.6	99	80	Calm	NNW 3	10	9	42.4
23	57.59	56.05	23.1	24.4	99	97	Calm	SW 1	10	10	8.1
24	56.97	55.08	23	25.7	99	92	Calm	N 1	10	10	9.9
25	56.68	55.38	22.5	26.5	99	87	Calm	NW 1	10	10	29.2
26	56.88	56.20	21.9	28.6	99	77	Calm	NW 2	10	8	.8
27	56.93	55.33	22	27.5	99	77	Calm	NNW 2	7	9	13.5
28	56.95	55.29	23.5	26.8	97	86	Calm	NNW 5	10	10	125.2
29	57.55	56.48	22.1	26.5	99	84	N 1	NNW 4	10	10	10.4
30	57.32	55.91	23.5	28.1	98	81	WNW 1	NNW 3	10	8	27.5
31	57.98	57.06	22.5	28.6	97	73	.....	NNW 4	10	7	.....
Mean	58.22	56.92	22.5	27.2	98	82.2	0.4	2.4	8.6	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	565.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	58.91	57.63	23.2	28.7	98	71	Calm	NW 6	10	7	5.1
2	58.45	57.34	22.5	26.9	96	88	Calm	W 1	7	10	5.1
3	58.92	57.34	22.5	24.5	96	88	S 1	W 4	7	10	16.2
4	59.06	56.61	22.2	27.1	99	84	S 3	S 3	7	7	3.1
5	58.66	56.30	22.5	31.5	96	60	S 2	S 3	7	6	.....
6	58.21	56.05	22.5	31.1	96	62	SSE 1	NNW 3	5	4	.....
7	57.55	56	22	29.6	96	68	Calm	NNW 3	7	8	.....
8	57.81	56.97	22.8	27.8	97	67	Calm	WNW 5	10	9	5.8
9	58.91	58.41	21.6	21.5	96	96	Calm	NW 1	10	10	28.5
10	57.99	56.85	21.6	26.7	99	84	E 1	NNW 3	10	9	38.3
11	58.53	56.97	22.6	26.4	97	86	WSW 2	NW 1	9	10	2.3
12	58.37	57.08	23.6	28.6	99	77	S 1	NNE 3	9	9	2.3
13	59.19	56.35	22.7	30.1	98	68	SSE 2	NNW 3	3	8	3.8
14	58.40	56.58	23.1	30.7	96	66	S 1	NNW 3	7	5	.3
15	58.65	56.52	22.7	30.8	97	64	SSE 1	NNW 3	8	4	1
16	59.52	57.88	23.6	30.4	99	69	S 1	NNW 3	10	7	31.8
17	59.55	58.06	23.1	28.6	99	77	Calm	NNW 3	9	8	.6
18	59.53	57.54	23.6	25.1	99	92	Calm	NW 3	10	10	66.3
19	59.95	59.39	22.1	23.5	99	96	S 1	.....	10	10	24.2
20	60	59.07	22	24.5	98	96	Calm	ENE 1	10	10	5
21	61.01	59.52	22.1	25.6	100	84	Calm	ENE 1	10	10	.....
22	60.95	58.98	22.1	28	99	74	ENE 1	WNW 6	10	7	.....
23	61.06	59.86	19.5	26.4	95	77	ENE 1	WNW 3	4	9	.3
24	61.20	60.37	20.1	25	95	80	Calm	NW 3	7	10	18.6
25	60.90	59.89	22.5	27	98	80	Calm	N 1	10	8	6.1
26	60.18	59.14	21.6	26.4	99	81	Calm	SW 1	9	10	1.8
27	60.70	59.26	21.6	29.9	100	67	Calm	NW 3	10	7	10.7
28	60.34	59.29	22	27	99	81	E 1	W 2	9	10	1.8
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.38	57.90	22.3	27.5	97.7	78	0.7	2.8	8.4	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	279

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.03	58.72	23	26.5	97	84	Calm	NW 3	9	10	7.4
2	60.45	59.76	22	24.7	97	91	SSW 1	NW 3	10	10	9.1
3	61.29	60.24	23	23	100	97	Calm	Calm	10	10	74.2
4	60.96	59.24	21.9	26.6	97	83	Calm	WSW 1	8	10	5.1
5	60.14	58.62	22.1	28.3	99	74	SSW 1	SSE 3	9	10	.....
6	59.94	58.15	22	30.2	97	62	NW 1	NNW 2	10	5	2.3
7	59.37	57.49	23	24	97	96	Calm	NW 1	8	10	12.2
8	58.47	56.63	22.9	28.4	97	77	S 1	NNW 3	10	7	5.6
9	58.96	56.97	22.9	26.4	97	83	S 1	WNW 3	7	9	7.9
10	58.78	57.06	22.1	29.5	99	76	S 2	NW 3	4	8	6.4
11	58.95	58.14	23.1	27.4	97	75	S 2	NNW 3	7	8	.....
12	58.46	56.93	22.6	28.6	99	74	Calm	N 3	9	8	.....
13	58.16	56.44	23.5	31.8	96	63	E 1	NNW 3	4	5	.....
14	59.18	58.08	23.5	30.7	97	64	E 1	NW 4	7	7	.....
15	59.54	58.27	22.6	31.3	99	61	S 1	NNW 4	3	6	.....
16	60.14	59.02	22.2	30	98	67	WNW 1	NW 3	8	8	.....
17	60.79	59.34	22.1	31.9	96	61	SSE 1	NW 3	6	4	.....
18	61.50	60.69	22	25.1	96	88	SW 1	NE 2	6	10	16
19	61.50	59.70	21.3	28	98	74	Calm	NNW 3	9	9	.3
20	60.10	58.25	21.9	30	97	65	S 1	NW 3	3	5	.....
21	59.41	57.68	21.1	30.3	97	64	Calm	N 3	7	7	.....
22	59.02	57.42	22.6	31.1	98	61	Calm	NNW 3	7	5	.....
23	59.58	56.86	22.7	31.2	98	67	SSE 1	NNW 3	7	7	.8
24	58.61	57.46	22.6	24.8	98	90	SSE 2	S 1	4	9	24.2
25	58.60	58.29	23.1	25.6	99	92	SE 1	S 2	4	10	3.6
26	58.66	58.25	23.1	27	99	92	ENE 1	WNW 1	9	10	6.1
27	59.35	58.50	23.1	25	98	85	SSE 1	S 3	10	10	5
28	60.12	59.05	22.5	25.1	97	87	SSE 1	SSE 3	10	10	14.5
29	59.03	57.61	22	26.6	96	84	SSE 2	S 2	10	9	4.1
30	58.93	57.93	22	26	98	87	S 1	S 2	9	10	19.5
31	59.22	57	23	31	97	71	S 1	NNW 2	10	7	2.5
Mean	59.59	58.19	22.5	27.9	97.6	77.3	0.9	2.5	7.5	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	226.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	59.25	56.92	22	29	97	74	SE 1	W 1	4	7	1.8
2	58.12	56.23	23.2	29.4	98	74	SSW 1	NNW 3	9	8	.5
3	57.66	56.30	22.8	24.9	97	95	Calm	S 1	8	10	19.6
4	58.22	56.81	21.5	28	99	78	ESE 1	NNW 3	5	9	.....
5	58.06	57.21	23.1	26.1	96	91	NW 1	W 1	10	9	10.7
6	57.79	55.54	23.4	26.4	97	89	S 1	NW 1	8	7	9.4
7	57.78	55.75	22	30.1	99	68	Calm	NNW 3	10	4	.....
8	57.37	56.62	23	27.5	100	81	S 1	S 1	9	9	3.9
9	57.71	56.73	23.6	27	99	92	S 1	S 1	9	10	5.4
10	57.74	56.58	23	29	99	71	NW 1	NNW 4	9	7	7.4
11	56.69	55.16	24.5	25.2	96	95	NNW 1	NNW 1	10	10	68.3
12	54.65	53.93	25.1	27	87	80	WNW 4	NW 3	10	10	.....
13	55.84	56.05	24.5	29.4	88	69	SSW 1	NNW 5	10	8	.....
14	57.32	56.42	22	30.5	96	66	S 1	NNW 4	4	2	.....
15	58.35	56.55	21.2	30.9	98	64	S 1	N 3	5	6	.....
16	58.67	57.09	21.9	31.1	97	67	ENE 1	NNW 3	10	2	.....
17	59.18	58.24	23.1	26.2	98	90	SSE 1	NE 1	6	10	.3
18	60.18	58.50	23	31.8	97	60	S 1	NW 2	10	6	.....
19	60.78	58.78	22.5	30.5	96	65	SE 1	NNW 3	6	7	.....
20	60.28	58.32	22.1	30.1	100	71	SW 1	NNW 4	10	9	17
21	59.58	57.83	23.5	29.4	98	72	E 1	NW 2	10	9	5.8
22	58.56	57.33	23.4	27.4	97	82	S 1	W 1	10	10	.3
23	58.62	58.63	22.5	27.1	97	87	S 1	S 2	7	10	17.8
24	59.38	57.85	22.9	29.2	93	77	SE 2	NNW 2	10	7	1.1
25	59.79	59.02	23.9	25.4	97	93	ESE 1	S 2	5	10	14
26	58.72	57.59	23.4	25.6	97	92	SSE 3	ESE 1	10	9	52.8
27	58.05	56.15	23	30.6	99	72	S 2	NNE 2	7	7	4.9
28	58.08	55.84	22.6	29.6	98	69	SSE 1	WNW 1	2	6	.....
29	58.83	57.65	22.7	26	94	89	S 2	S 1	5	7	4.1
30	59.02	57.30	22.1	29.1	96	73	E 1	S 3	3	7	1
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.34	56.96	22.9	28.3	96.7	78.2	1.2	2.1	7.7	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	246.1

BUTUAN.

[$\phi = 8°\ 56'$ N; $\lambda = 125°\ 32'$ E; barometer above sea, 2 meters; gravity correction not applied, −1.88 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.32	56.57	22.6	31	97	73	SE 1	S 1	3	7	3.3
2	57.31	57.12	23.2	24.2	98	95	.....	S 1	6	10	14.3
3	57.47	56.62	23	27.5	97	81	NE 1	S 1	4	9	.8
4	58.77	57.80	23.6	26	97	92	SSE 3	S 1	9	9	13.3
5	59.24	57.24	23.4	31.2	97	68	NE 1	W 2	9	8	.....
6	57.96	55.83	24	28.9	96	79	NE 1	E 1	2	9	10.7
7	57.57	56	24	26.6	97	91	E 1	SE 1	7	10	12.7
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.8
9	56.93	55.49	24.6	26.4	96	89	S 1	wsw 1	5	9	4.6
10	58.01	55.99	24.5	32.4	97	63	S 1	NNW 2	3	7	.....
11	58.25	56.43	23.5	28	96	81	Calm	N 3	7	10	45.7
12	57.47	56.83	24	27.5	96	81	Calm	NNW 2	10	10	3.1
13	57.94	57.34	24.1	25.7	97	94	SW 1	SSE 1	5	10	11.7
14	59.32	57.62	23.7	26	98	89	ESE 1	N 2	9	9	2
15	59.35	57.12	23	30.5	96	63	SE 1	NNW 2	3	7	.....
16	58.10	56.45	23.5	31.1	99	71	Calm 1	NW 3	8	7	1
17	56.91	55.40	23	31.4	96	66	E	NNW 2	7	8	.....
18	57.49	55.97	24	28.6	97	83	SSE 2	SSW 1	8	8	18.8
19	58.54	56.16	23.1	31.5	99	68	ENE 1	NNW 3	5	6	.....
20	58.09	56.45	23.1	31.1	98	69	S 1	NNW 3	1	7	.....
21	57.71	56.30	23.4	31.4	97	64	S 1	NNW 3	2	2	.....
22	58.19	57.01	23.6	32.6	97	55	SSE 1	NNW 3	2	2	.....
23	58.49	56.56	23.9	31.8	94	55	S 1	NNW 3	6	2	.....
24	58.42	56.33	23	31.9	95	59	Calm	NNW 3	3	3	.....
25	57.97	56.88	23.6	32.8	96	54	SE 1	NNW 3	8	4	.....
26	59.11	57.79	24.5	31.7	96	62	S 1	NNE 3	2	7	.....
27	59.55	57.77	24	30	97	70	SSE 1	NNW 2	6	7	28.4
28	59.83	56.44	23.1	32.7	99	56	SSW 1	N 3	2	5	4.3
29	58.76	57.06	24.6	27.6	96	88	S 1	NNW 1	2	8	12.7
30	59.92	57.79	23.6	29.6	99	77	S 1	N 2	3	8	1.1
31	59.57	57.96	23.1	26.5	99	85	Calm	S 1	10	9	.5
Mean	58.35	56.74	23.6	29.5	97	74	0.9	2	5.2	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.88	58.20	22.7	26.1	98	89	Calm	SE 1	8	10	0.8
2	59.37	57.18	23.6	29.8	97	67	SSE 2	NNW 3	9	9	6.6
3	58.45	56.45	23.2	29.1	97	74	S 1	NW 2	7	10	13.5
4	58.25	56.23	23.1	28.6	97	81	E 1	NNW 3	9	9	6.6
5	57.52	56.77	23	26.6	96	91	SSE 1	WSW 1	9	10	9.2
6	56.91	55.96	23.1	26.6	99	83	S 3	SW 1	9	9	9.7
7	58.07	56.80	23.3	30.5	97	62	SE 1	NNW 2	8	7	9.4
8	58.85	58.21	22.6	28.5	99	85	S 1	NW 2	8	8	5.6
9	59.68	59.56	23.5	25.4	97	93	.....	WSW 1	10	10	4.6
10	58.72	57.03	21.8	30.6	98	66	Calm	NW 2	3	5	.....
11	58.35	57.37	22.6	30.1	99	68	ENE 1	NNW 3	9	9	.3
12	59.69	57.61	23.2	31.4	98	49	S 2	S 2	10	7	9.4
13	59.63	58.41	23	27.5	99	81	NE 1	.....	7	7	3
14	59.49	57.86	22.6	27.1	99	92	W 1	SSW 1	8	9	4
15	59.01	56.86	23.1	32.6	99	64	SSE 1	S 3	7	7	3.3
16	59.58	57.57	23.6	29.5	98	78	Calm	NNW 2	3	8	1.8
17	59.37	57.89	23.1	25.9	98	92	S 1	.....	1	10	21.1
18	58.42	57.55	23	24.9	97	92	E 1	S 1	6	9	15.2
19	59.23	57.78	22.7	29.5	98	75	S 3	S 2	6	7	.8
20	58.66	57.11	23	31.6	96	57	ESE 1	N 3	2	8	1.3
21	57.92	56.90	23.5	29	99	78	ESE 1	NNW 2	7	8	.....
22	57.74	56.04	23.5	30.6	99	71	E 1	N 3	9	9	16
23	57.85	55.99	23	32.5	99	62	S 3	NNW 3	7	6	.3
24	57.71	56.34	23.1	30.7	99	67	Calm	NNW 4	5	8	.8
25	56.52	55.78	23	28.5	97	64	Calm	NNW 6	7	10	.....
26	53.97	53.98	27.5?	24.2	70?	94	NNW 3	WNW 3	10	10	7.9
27	53.13	52.54	23	28	96	78	Calm	.....	10	10	4.1
28	54.11	52.85	22.8	29.5	97	75	S 2	S 3	10	10	.3
29	54.32	53.22	24.1	31.6	91	69	S 2	SSE 2	10	8	8.6
30	56.59	55.10	23.6	31.9	98	64	SE 1	NNW 1	7	7	.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.90	56.57	23.2	28.9	96.7	75.4	1.2	2.3	7.4	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	164.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.13	57.01	25	30.6	96	70	S 1	NNW 3	10	9	.....
2	58.51	57.33	24.1	28.5	99	78	Calm	NNW 1	7	10	.....
3	58.02	56.50	23.8	30.1	94	71	S 1	N 4	7	8	19.3
4	57.20	55.25	22.6	31.1	99	62	S 1	NNW 5	10	6	.....
5	55.66	54.55	23.1	29.4	97	67	SE 1	NW 5	8	9	4.9
6	55.97	55.58	23.2	28.5	97	78	E 1	N 2	9	9	1.5
7	58.85	56.76	23	29.9	96	66	.....	N 4	9	9	.6
8	58.01	56.55	24.7	30.4	87	60	ENE 1	NNW 4	10	10	.....
9	57.34	55.25	24.2	32.5	91	52	S 3	NNW 3	10	7	.....
10	57.06	55.69	23.5	32.4	92	56	S 2	N 4	5	6	.....
11	58.02	56.33	23.7	34.1	94	53	SSE 2	WSW 1	6	6	.....
12	58.64	57.24	24	34.2	95	42	S 3	N 3	7	4	.....
13	59.03	57.40	24	31.7	95	55	S 1	NNW 3	5	9	.....
14	58.79	57	24.5	33.7	96	50	S 2	NNW 4	6	7	.....
15	58.15	56.83	24	32.6	93	58	S 2	NNW 3	7	7	.....
16	58.31	57.30	24.6	32.4	95	64	S 2	W 1	9	10	.....
17	59.47	57.36	24	31	94	61	ESE 1	NNW 3	3	4	.....
18	59.29	56.83	24	32.1	96	57	SSE 1	NW 3	1	2	.....
19	58.97	57.44	24	31.1	94	66	S 2	NNW 3	3	8	.....
20	58.75	57.36	23.7	31.5	96	62	SSE 2	NNW 3	4	7	.....
21	58.57	57.06	23.1	32	96	60	ESE 1	NNW 3	3	2	.....
22	57.99	55.43	23.8	32.1	97	60	SSE 1	NNW 4	5	2	.....
23	57.02	55.41	23.5	34	96	52	SSE 2	NNW 3	2	3	.....
24	56.28	55.39	24.2	32.1	94	57	S 1	NNW 3	8	8	.....
25	57.20	55.59	24	32.1	93	58	S 3	NNW 3	10	9	.....
26	57.30	55.53	24.1	32.2	93	57	S 2	NNW 3	9	8	.8
27	58.29	55.96	24.1	31.5	95	58	S 3	NW 2	10	10	.....
28	57.76	56.43	23.3	31	95	66	S 3	S 2	5	8	.....
29	58.90	56.84	23.2	32.6	96	56	S 2	NNW 3	10	9	.....
30	59.02	57.91	22.9	31.6	97	63	S 3	NNW 3	6	6	.....
31	60.47	58.60	23.1	31	97	63	S 2	NNW 2	5	8	.....
Mean	58.10	56.51	23.8	31.6	95	60.6	1.7	3	6.7	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.03	58.41	23.6	32.4	97	60	SSE 1	NNW 3	1	8	.....
2	59.55	58.09	23.6	30.5	97	62	S 1	N 3	10	8	0.3
3	59.38	58.31	23.1	30.6	99	65	S 2	NNW 2	8	7	.....
4	60.28	58.32	23.1	29.9	96	68	S 1	NNW 3	4	8	.....
5	59.65	57.87	22.6	29.5	97	68	SSE 1	NNW 3	5	8	.....
6	59.08	57.55	23	30.1	96	64	SE 1	NNW 3	7	8	.....
7	58.50	57.87	22.6	29.5	99	68	S 2	NNW 2	9	10	9.7
8	58.60	.....	23	.....	97	.....	SSE 1	.....	10	.....	.....
9	58.17	56.73	23.1	28.5	95	71	S 1	S 2	6	8	2.8
10	57.63	56.40	22.5	31.1	96	56	SSE 1	NNW 3	9	8	.....
11	57.86	56.37	23.9	31.5	93	62	S 1	NE 1	7	8	10.1
12	58.16	56.20	23.1	31.7	96	54	S 3	W 1	7	7	26.2
13	58.16	57.52	22.9	24	97	92	S 3	ENE 1	8	10	43.4
14	58.95	57.63	22.1	29.1	99	70	SSE 2	NW 1	5	10	5.1
15	59.53	57.83	23	27.9	97	76	Calm	WSW 1	10	10	1
16	59.33	57.58	23.5	30.6	97	65	Calm	N 3	9	7	.....
17	59.25	57.18	23.1	30.4	99	66	SE 1	NNW 5	10	8	.....
18	57.92	55.85	22.7	31.4	99	61	SSE 2	N 5	8	7	.5
19	57.56	56.40	23	29.7	98	69	S 1	NNW 4	7	9	.....
20	58.39	57.35	23.5	29	97	71	SSE 1	N 5	8	10	.....
21	58.55	57.56	23.5	31.6	96	54	E 1	N 5	10	6	.....
22	57.36	56.94	23.4	30.7	97	58	S 2	NNW 5	8	8	.....
23	58.26	56.14	23.4	32	95	55	S 2	NNW 5	7	7	1.8
24	57.08	55.52	24.6	31.2	95	62	SSE 1	NNW 3	10	9	.....
25	57.57	55.90	23.5	31.1	97	59	SSE 2	NNW 3	4	7	.....
26	57.79	56.70	23.2	30.5	98	65	SSE 2	N 4	10	8	.....
27	58.14	56.38	24.6	31.6	95	60	ESE 1	N 3	9	7	.....
28	57.56	56.01	24.5	32.6	93	58	S 1	N 2	10	9	.....
29	58.71	57.44	24.6	31.1	96	59	Calm	N 4	10	9	.....
30	59.57	57.86	24.1	29.6	93	70	S 1	NNW 2	10	10	.....
31	58.89	57.23	24.7	29.7	95	70	S 1	N 3	10	8	.....
Mean	58.56	57.10	23.4	30.3	96.5	64.6	1.3	3	7.9	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100.9

BUTUAN.

[ϕ=8° 56′ N; λ=125° 32′ E; barometer above sea, 2 meters; gravity correction not applied, −1.88 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.79	57.70	23	31.5	97	60	S 2	NNW 3	9	7	.....
2	59.27	57.31	23.6	32.1	98	54	SSE 2	NNW 5	8	6	.....
3	58.39	56.24	23.6	31.7	97	56	S 1	NNW 5	8	7	.....
4	57.19	55.23	24	32.6	97	55	SSE 2	NNW 3	10	10	.....
5	56.10	54.74	24.6	32.5	92	60	S 2	NNW 4	10	9	.....
6	56.46	55.34	25	32.1	91	58	SSE 2	NNW 4	10	9	.....
7	57.13	55.23	24.6	33.5	96	51	S 2	NNW 3	7	5	.....
8	57.38	55.43	25.5	33	93	56	S 1	NNW 4	10	6	.....
9	58.03	56.40	24.9	31.9	92	64	SSE 1	NW 4	8	8	.....
10	58.65	56.99	25	33.6	93	50	SSE 2	NNW 4	9	5	.....
11	59.32	57.64	24.5	32.6	92	54	S 2	NNW 3	8	7	.....
12	60.12	57.69	24	32.6	92	58	SE 2	NNW 3	7	3	.....
13	60.25	57.34	24	33.1	95	56	SSE 2	NNW 3	3	3	.....
14	60.32	58.28	23.5	31.6	91	57	ESE 1	NNW 4	7	7	.....
15	60.29	58.36	23.1	31	96	63	SSE 1	NNW 2	4	9	.....
16	59.93	57.87	23.7	32.7	96	54	SSE 1	NNW 3	3	5	.....
17	61.03	57.84	23.6	31.1	96	62	S 2	N 3	9	8	.....
18	60.67	58.39	23.9	32.5	93	59	S 1	NNW 3	6	7	.....
19	60.78	58.44	23	30.9	97	66	Calm	NNW 3	5	8	.....
20	58.69	56.47	24	32.5	95	50	S 1	NNW 3	7	7	1.3
21	57.25	55.56	24.1	31	99	62	SSE 1	N 4	10	7	.....
22	58.42	56.65	23.5	32.6	94	58	SSE 2	N 4	10	4	.....
23	58.56	57.30	24.1	29.6	95	66	S 1	NNW 2	7	10	.....
24	59.39	58.43	23.4	27.2	97	76	S 2	Calm	8	10	.3
25	60.74	58.46	23.2	29.9	98	69	SSE 1	NNW 2	6	9	.....
26	60.27	58	24	31.5	96	60	NE 1	NNE 3	10	6	.....
27	59.52	57.67	24.6	26	95	92	SE 1	NNW 2	7	10	2
28	58.75	55.83	23.1	31.4	99	63	SSE 1	NNW 3	7	3	.....
29	57.61	54.52	23.7	30.6	97	68	SSW 1	NNW 3	9	10	1.5
30	56.37	54.70	23.5	31.2	96	61	ENE 1	N 3	10	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.86	56.87	23.9	31.5	95.2	60.6	1.4	3.2	7.7	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.26	56.05	23.6	31.1	95	62	SSE 1	NNW 2	7	9	1.3
2	57.54	54.90	23.6	31	97	56	ENE 1	NNW 2	10	10	.....
3	56.92	55.30	24	33	83	47	SSE 2	NNE 2	7	7	.....
4	58.72	57.28	24	31.7	91	60	SSE 2	WNW 3	5	9	.....
5	60.63	58.25	24.1	30.5	95	63	SE 2	WNW 2	9	7	31.7
6	60.77	57.90	23.5	31.9	97	64	E 1	N 3	7	4	.....
7	58.83	56.85	24.5	31.4	97	58	S 1	NNW 4	4	6	.....
8	59.14	56.84	24.5	31.5	96	63	.....	NNW 2	7	6	2
9	59.72	57.27	24.1	30.1	96	74	S 1	WNW 3	10	9	7.6
10	58.64	56.65	24	26.4	97	86	NNW 1	NW 2	10	10	46.8
11	59.53	56.71	23.4	29.7	97	71	.....	NNW 3	10	7	40.6
12	57.92	56.90	24.8	30.1	89	65	N 3	NNW 4	8	7	.....
13	57.85	56.58	26.5?	29	77?	69	NW 3	NNW 3	10	10	1.8
14	58.12	54.96	23.7	30.5	97	65	.....	WNW 4	10	10	.....
15	56.20	54.90	24.1	29.6	93	65	S 3	NNW 2	10	9	.3
16	57.51	55.37	24.4	32	93	61	S 2	S 1	8	8	.....
17	58.16	55.74	24.9	30.9	92	68	S 2	NW 2	4	7	.....
18	58.60	56.26	23.7	32.5	96	54	SSE 2	NNW 4	8	7	.....
19	58.74	56.46	23.6	31.6	96	54	SE 1	N 6	7	3	.....
20	57.48	55.98	23.9	31	97	60	Calm	NNW 5	9	4	.....
21	57.10	55.56	24	29.8	96	67	S 1	NNW 3	9	10	.....
22	58.18	56.13	24.6	31.5	92	60	S 2	NNW 3	7	8	.....
23	59.60	57.50	24.3	29.8	95	73	SSE 1	NW 3	6	8	.....
24	59.59	57.26	22.6	30.6	98	63	SE 2	W 1	9	6	1.5
25	59.57	57.45	23.5	26.1	97	92	S 2	S 1	9	9	7.6
26	60.08	58.36	23.6	30.2	98	71	S 3	.....	6	9	.....
27	60.74	58.56	24.1	29.7	95	71	SE 3	W 1	4	5	2.3
28	60.60	58.11	24	31.9	95	58	S 1	NW 3	7	4	.5
29	59.18	56.95	23	25.6	98	92	ESE 1	S 1	5	9	.5
30	58.52	57.12	24.3	27.6	95	83	SE 3	S 2	9	8	2.6
31	59.05	58.17	24	27.4	96	89	SSE 1	ENE 1	6	9	6.1
Mean	58.73	56.72	24	30.2	94.4	67.2	1.7	2.6	7.6	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	153.2

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.10	57.17	23.3	26.5	97	93	S 1	.....	7	10	35.3
2	58.45	56.65	23	28.9	97	75	Calm	.....	7	10	2.3
3	58.76	56.90	22.4	29	98	74	SSW 1	NNW 2	7	8	45.7
4	58.85	57.65	23.7	25.5	99	88	Calm	S 1	10	10	18
5	58.63	57.59	22.1	27.5	99	84	Calm	NE 1	7	10	1.8
6	59.44	57.28	22.6	31.6	99	63	S 1	S 1	4	7	.....
7	59.50	57.62	22.2	30.5	98	63	SSE 1	NNW 3	8	8	.3
8	59.12	57.96	23	30.5	99	68	NE 1	E 1	7	8	2.3
9	59.67	.....	24	.....	97	.....	E 1	.....	10	.....	5.6
10	59.70	58.17	22.2	24.8	99	93	Calm	S 2	4	10	21.3
11	59.69	57.32	22	30.5	98	68	Calm	N 3	5	9	.5
12	59.53	57.40	23.6	26.9	99	89	Calm	Calm	8	6	9.4
13	60.19	58.44	23	28.3	99	75	S 1	NE 2	9	8	1.8
14	59.58	58.34	22.5	28.4	99	78	Calm	SW 2	3	5	1.3
15	59.84	57.35	23	32	98	66	Calm	N 2	1	3	1.5
16	59.08	57.92	23	29.1	97	74	S 1	NNE 1	6	8	.8
17	58.79	57.40	23	28.7	97	76	E 1	S 3	6	7	.....
18	59.34	57.95	21.1	28.9	100	72	Calm	NNW 3	0	7	1.8
19	59.64	58.13	22.7	28.1	98	70	SW 1	NNW 3	10	9	.3
20	60.18	58.82	23.7	29.5	96	71	SE 1	SSE 1	8	7	2.6
21	59.85	58.05	23.5	27.5	96	84	SSE 3	E 2	9	9	12.2
22	59.44	57.57	22.9	30.7	97	60	E 1	NNW 3	2	3	.3
23	59.73	57.71	23.1	28.6	99	83	E 1	E 2	9	9	1.3
24	59.69	57.86	22.6	31.5	99	66	E 1	NNW 2	1	5	.5
25	60.02	57.67	24.3	30.9	97	72	ENE 1	NNW 3	10	6	.5
26	59.50	57.72	23.2	26.1	97	95	SSE 1	Calm	6	9	9.6
27	60.27	58.06	22.6	28.1	99	80	ESE 1	SE 2	3	7	3.6
28	59.69	57.14	22.2	31.3	99	61	ENE 1	NNW 2	10	6	.....
29	59.34	57.43	23.4	28.6	97	80	E 1	NNW 2	10	7	16.8
30	58.84	57.31	23.6	31.1	99	61	E 1	NNW 2	7	8	.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.45	57.68	22.9	29	98.1	75.2	0.8	1.9	6.5	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	197.9

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.63	58.02	23	28.6	97	75	E 1	NW 2	7	7	3.3
2	58.82	58.40	24.1	23.9	97	97	ESE 1	Calm	10	10	49.8
3	58.57	56.72	23.7	25.6	99	95	Calm	NNW 1	5	10	20.6
4	59.10	56.98	23.5	30.1	98	84	Calm	N 1	10	5	5.6
5	59.24	57.77	23.7	31.2	98	69	SSE 1	N 2	10	5	6.4
6	59.69	58.60	22.6	26.2	99	86	NW 1	SSE 1	7	7	13.2
7	60.39	58.46	22.3	28.9	97	76	Calm	N 2	10	6	6.9
8	59.89	58.54	23.4	28.4	97	72	ESE 1	NNW 2	9	9	.3
9	59.59	58.30	22.9	25.1	97	92	Calm	SW 1	5	10	26.9
10	59.45	57.74	23.2	24.6	98	97	ESE 1	WNW 1	10	10	21.3
11	58.72	56.93	23.2	27	98	85	E 1	N 1	10	10	9.6
12	58.20	57.12	23.2	23.7	98	98	SSW 1	N 1	10	10	9.1
13	57.66	57.14	22.6	23.6	98	97	NE 1	.....	10	10	31.3
14	58.62	57.09	22.5	27.4	96	87	SE 1	NE 1	7	8	6.1
15	59.49	58.41	23.2	30.1	98	71	S 1	N 3	8	6	1
16	59.74	58.66	23.5	24.6	96	95	NE 1	NW 1	7	10	43.7
17	60.18	58.60	22.4	26.6	98	87	Calm	NNW 2	10	9	2.3
18	60.83	58.93	22.1	27.3	98	77	E 1	W 1	7	8	2
19	60.38	59.35	23	23	98	97	Calm	NNW 1	10	10	110.5
20	61.46	58.24	22.1	29	99	71	NE 1	NNW 1	8	8	.....
21	59.74	57.88	23	25.1	99	92	SW 1	NE 1	9	10	19.5
22	58.53	57.60	22.6	25.6	99	84	NE 1	NNW 3	8	10	1.3
23	57.61	57.44	24	27.1	91	76	NNW 1	NNW 3	10	10	.....
24	57.95	56.48	24.6	26.5	89	81	N 2	N 2	9	10	.....
25	56.98	54.96	22.4	29	96	71	S 2	NNW 3	7	9	.....
26	57.59	56.16	23	30.3	97	70	E 1	NNW 3	5	7	10.2
27	59	57.85	23.5	30.2	97	67	Calm	NNW 3	10	2	2.6
28	60.25	58.15	22.6	30	99	61	Calm	NNW 2	10	5	.....
29	60.38	58.23	22.2	30.5	98	67	E 1	NNW 3	6	7	1
30	60.18	58.56	22	28.7	96	66	ENE 1	N 2	2	8	.5
31	60.84	59.01	21.1	30.9	99	62	SE 1	N 2	9	2	.....
Mean	59.31	57.82	22.9	27.4	97.2	80.8	0.8	1.7	8.2	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	405

MAMBAJAO.

[$\phi = 9°\ 14'$ N; $\lambda = 124°\ 43'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.30	57.34	23.7	28.5	96	75	Calm	NNE 1	3	5	64
2	58.88	57.51	22.8	29	97	75	Clam	NNE 2	3	4	14.2
3	58.19	57.01	25.6	27.8	90	84	NE 2	Calm	5	3	11.7
4	58.56	57.09	25	28	94	80	Calm	NE 1	5	3	21.8
5	59.08	57.29	24.2	25.8	97	90	Calm	NE 2	7	5	14.5
6	58.98	56.87	23.8	25.6	97	88	Calm	NW 1	4	8	2.5
7	57.88	56.57	25.3	26.8	88	83	Calm	N 2	5	6	.....
8	59.66	58.04	24.6	24.4	85	93	N	2 NNE 2	8	9	19.3
9	59.43	58.35	25.2?	23.5?	74?	88?	NNE	2 NNE 1	7	8	85.1
10	59.74	58.08	22.1	24.5	97	89	Calm	ENE 2	10	8	70.3
11	59.51	57.97	24.4	25.8	91	90	N	1 NNE 1	10	8	31.5
12	58.98	57.56	24.7	25.5	88	85	N	2 Calm	9	10	12.4
13	57.78	57.04	25.2	24.2	90	96	Calm	ENE 2	9	8	62.2
14	58.31	57.74	21.8	27.2	97	80	Calm	N 1	3	6	.....
15	59.08	58.16	25.2	25.6	88	87	ESE	1 NNE 2	7	6	8.9
16	59.12	57.25	24.8	26.6	90	84	N	2 NNE 2	8	7	104.1
17	58.51	56.60	23.2	26.3	87	81	Calm	Calm 10		7	10.2
18	57.80	57.02	23	27.6	95	79	Calm	NE 2	5	3	3.8
19	57.57	56.64	24	27.7	96	76	Calm	NNE 1	6	4	.....
20	58.48	57.09	26.1	27.2	86	79	NE	1 Calm	7	5	.....
21	58.28	56.56	25.8	24.7	79	91	N	2 NE 2	8	8	65.3
22	57.68	57.03	24.3	23.5	95	96	NNW	2 Calm	10	10	95.2
23	58.07	56.42	24.8	24	81	95	N	1 Calm	9	10	23.9
24	57.08	55.23	24.2	25.2	94	92	Calm	Calm 10		10	49
25	56.95	55.11	23.7	26.2	97	84	Calm	NNE 2	10	7	103.6
26	57.69	56.34	23.7	25	98	92	Calm	Calm 10		10	72.9
27	56.88	55.51	24.6	26.1	93	88	Calm	NW 2	10	7	57.6
28	57.02	55.42	23.7	26.5	96	85	Calm	NNE 1	10	9	24.4
29	57.79	56.76	23.5	25.1	96	87	Calm	Calm 10		8	9.4
30	57.12	56.36	24.4	26.5	91	82	Calm	Calm 10		8	2.3
31	57.63	56.84	22.4	27.7	95	77	Calm	NE 1	3	3	16.8
Mean	58.26	56.93	24.2	26.1	91.9	85.5	0.6	1.1	7.5	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,056.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.84	58.03	23.5	26.3	97	82	Calm	Calm	8	6	.....
2	58.83	57.17	25.1?	27	87?	84	NNE 2	Calm	4	7	47.8
3	58.50	56.89	23.2	27.6	97	79	Calm	NNE 1	5	3	10.7
4	58.38	56.63	24.5	28.5	90	70	ENE 2	NNW 2	3	2	.....
5	58.08	56.50	23	28.5	88	75	Calm	NE 2	2	2	.....
6	57.90	55.88	22.7	28.6	96	75	Calm	Calm	4	2	.....
7	57.19	55.89	25.2	28.8	88	69	Calm	NNE 2	4	2	.....
8	58.16	57.41	25.3	28.3	78	67	NNE 2	NNE 2	5	5	.....
9	58.22	58.13	24.2	24	86	91	NE 2	NE 2	7	8	22.6
10	57.65	57.14	23.2	24.9	95	92	Calm	Calm 10		9	35.8
11	58.75	56.58	23.8	27	97	78	NNE 1	E 1	10	7	5.8
12	57.82	56.56	24	27.2	96	84	Calm	NE 1	4	7	2
13	58.55	56.94	23.3	28	97	82	Calm	NE 1	4	5	.....
14	58	56.64	24.6	28.4	92	77	Calm	NE 1	6	1	1.3
15	58.34	56.56	23.2	28.3	95	78	Calm	Calm	2	2	.....
16	59.43	57.24	24.6	28.6	92	73	Calm	NE 2	10	3	.....
17	59.69	58.13	25.2	28	90	79	Calm	NNW 1	5	5	.....
18	59.08	58.15	24.6	25.5	88	84	Calm	NE 2	4	9	22.9
19	60.27	59.45	23	23.2	93	91	Calm	ENE 2	9	9	12
20	60.28	59.31	23.2	23.8	93	89	NNE 2	NE 2	9	8	6.6
21	60.91	59.66	24.6	26.3	75	76	NE 1	NE 2	8	7	.....
22	60.96	59.30	23	27.7	91	70	Calm	NNE 1	8	4	.....
23	61.13	59.95	23.8	27.7	85	65	Calm	NE 2	4	2	.....
24	61.53	60.44	22	26	84	65	Calm	Calm	3	8	10.4
25	60.98	59.36	23.2	26.2	95	82	Calm	ENE 1	10	4	1.5
26	59.98	58.77	24.7	26.8	91	81	NE 1	NE 1	7	8	.....
27	60.47	59.53	24.6	28.7	87	74	NE 2	NE 1	3	2	.....
28	60.37	59.14	25.3	25.4	81	82	NE 1	NE 2	7	6	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.22	57.91	24	27	90.1	78.4	0.6	1.2	5.9	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179.4

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.95	58.71	23.5	27.7	96	74	Calm	NNW 2	6	5	.....
2	60.18	59.48	23.7	24.6	94	87	Calm	Calm	8	10	78.7
3	61.77	59.91	23.3	23.8	97	97	Calm	Calm	10	10	72.7
4	60.88	58.95	24	27.2	93	80	Calm	NE 1	6	5	.....
5	59.85	58.58	24.2	25.3	95	88	Calm	NE 1	7	8	19.8
6	59.71	58.34	23.6	27.7	93	77	Calm	N 2	7	3	11.4
7	59.20	57.78	23.4	24.5	95	92	Calm	Calm	3	8	25.4
8	58.13	56.32	22.6	28.9	98	75	Calm	NE 1	4	3	.....
9	58.47	56.48	24.2	30.5	91	63	Calm	SW 2	5	4	6.1
10	58.45	56.74	23.7	29	94	76	Calm	Calm	7	4	.....
11	58.44	57.28	25.2	30.6	78	68	SSW	2 WSW 2	3	3	14.2
12	58.25	56.46	23	30.7	97	74	Calm	W 2	10	3	3.8
13	57.89	56.80	23.2	28.7	93	77	Calm	Calm	3	2	48.8
14	58.90	57.74	24	30.2	97	71	Calm	Calm	3	3	.....
15	59.01	57.80	22.5	30.3	94	72	Calm	Calm	4	3	.....
16	59.46	58.48	21.2	31	95	67	Calm	W 1	2	3	.....
17	60.38	59.45	23.8	28.6	93	71	Calm	NNE 2	4	2	8.6
18	61.08	60.31	25.3	26.6	86	80	NNE	2 Calm	5	6	.....
19	61.13	59.71	24.7	28.3	78	68	NE	2 NE 2	2	2	.....
20	59.76	58.68	24.6	29	83	68	Calm	NE 2	3	2	.....
21	58.99	57.56	25.2	28.7	82	67	ENE	1 ENE 1	5	2	.....
22	58.52	57.34	25.6	28.7	88	71	NE	2 ENE 1	7	2	.....
23	59.22	57.21	25.3	28.5	88	73	NE	2 NNE 1	4	5	.....
24	57.96	56.59	25.3	29.4	89	75	Calm	NE 2	4	3	.....
25	58.17	57.44	25.2	29	93	79	Calm	NNE 2	4	5	.....
26	58.11	57.80	25.6	28.7	88	78	Calm	NE 2	3	4	.....
27	58.73	57.76	25.5	26.5	89	86	NE	2 NE 2	7	8	24.4
28	59.83	58.24	23.5	25.4	94	77	Calm	ENE 1	9	7	.....
29	58.43	57.64	25.3	27.7	83	79	ENE	2 ENE 2	4	6	.....
30	58.37	56.99	25.3	29.2	89	76	ENE	1 NE 2	5	3	.....
31	58.71	57.09	25.2	29.2	89	71	E	1 NE 2	7	3	.....
Mean	59.22	57.92	24.2	28.2	90.7	76	0.5	1.2	5.2	4.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	313.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.54	56.68	24.2	29.7	95	73	Calm	ENE 1	4	3	.....
2	57.51	56.24	25	28.7	90	75	Calm	NE 2	2	2	.....
3	57.16	55.54	25.6	29.4	87	72	Calm	NE 2	5	4	.....
4	57.78	56.76	24.3	29	92	73	Calm	ENE 1	4	3	.....
5	57.56	56.75	24.8	28.4	90	77	Calm	ENE 2	8	4	.....
6	57.18	55.61	23.6	28.6	91	75	Calm	NNE 2	7	3	.....
7	57.21	55.86	23.8	29	93	72	Calm	ENE 1	3	3	.....
8	57.18	56.22	25.4	29.6	87	74	Calm	NE 2	5	6	.....
9	57.23	56.55	24.6	28.8	92	73	Calm	NE 2	3	6	.....
10	57.45	56.55	23.7	29.5	91	66	Calm	NE 1	5	3	.....
11	57.21	55.14	25.7	31	83	62	Calm	SW 2	7	5	.....
12	56.53	53.98	26.3	27.3	76	75	SW	2 W 2	7	6	.....
13	55.19	55.59	26.6	31.7	69	54	SW	2 SW 2	3	4	.....
14	56.82	55.87	26.6	34	65	41	SW	2 SW 2	2	1	.....
15	57.93	56.14	21.8	32	93	55	Calm	Calm	2	3	.....
16	58.29	56.79	22	29.8	89	65	Calm	NNE 2	2	3	.....
17	58.81	57.53	24.7	30.5	92	63	Calm	ESE 2	4	3	.....
18	59.53	58.57	24.8	29.5	87	69	Calm	NE 2	3	2	.....
19	60.22	58.63	25	29.7	87	68	Calm	NE 2	2	3	.....
20	59.57	58.18	24.2	28.8	92	72	Calm	NE 1	4	3	7.6
21	59.21	57.53	24.5	29.9	96	69	Calm	NE 1	7	5	4.6
22	58.60	57.21	24.2	26.8	95	81	Calm	Calm	7	4	.....
23	58.04	58.05	25.1	27.7	88	81	Calm	NE 1	5	6	.....
24	58.75	57.97	25.2	28.6	90	78	Calm	NNE 2	4	5	.....
25	59.39	57.89	25.8	30.2	88	73	E	2 NE 1	5	4	.....
26	58.04	57.16	26.2	28.3	84	72	NE	1 NE 2	2	5	.....
27	57.92	56.12	23.8	29.2	97	70	Calm	NNE 2	2	3	6.4
28	57.73	56.09	24.8	29.4	88	67	Calm	NE 2	3	2	.....
29	58.34	57.24	23.6	29.5	91	71	Calm	NE 2	3	2	.....
30	58.43	57.17	24.7	29.3	87	73	Calm	NNE 2	3	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.98	56.72	24.7	29.5	88.2	69.6	0.3	1.6	4.1	3.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18.6

NOTE: The barometric readings of this station seem to be too low by about 0.50 mm.

MAMBAJAO.

[$\phi = 9°\ 14'$ N; $\lambda = 124°\ 43'$ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.82	56.37	26.3	29.3	85	73	NE 1	NNE 2	4	4	.....
2..	56.78	56.59	26.6	27.4	87	84	NE 2	NNE 2	3	7	.....
3..	57.09	56.04	25	28.8	90	73	Calm	NNE 2	3	3	.....
4..	58.19	57.31	24.6	29.6	92	69	Calm	NE 2	5	2	.....
5..	58.68	57.04	25.5	29.8	85	66	Calm	E 1	5	4	.....
6..	57.33	55.61	26.2	29.2	85	74	Calm	NE 2	5	3	.....
7..	57.24	55.52	25.8	29.7	88	75	Calm	NE 1	4	6	3.8
8..	56.54	55.01	24.5	28.5	96	80	Calm	Calm	8	7	.....
9..	56.48	55.22	25.2	29	95	74	Calm	NE 1	8	4	8.9
10..	57.51	56.39	25.6	29	97	75	Calm	NNE 1	6	3	.....
11..	57.63	56.47	26.4	29.5	87	78	E 2	NNE 1	6	7	41.4
12..	57.38	56.68	25.2	25	88	95	NE 1	Calm	9	9	50.8
13..	57.08	56.83	24.6	29	90	78	Calm	E 2	2	6	.....
14..	58.58	57.33	23.7	28.8	96	76	Calm	NNE 2	3	3	5.6
15..	58.85	57.14	24.2	29.5	91	76	Calm	NNE 1	6	3	.....
16..	57.72	56.24	25.2	29.8	93	63	Calm	NNE 2	4	2	.....
17..	56.46	55.36	25.2	29.5	92	76	Calm	Calm	3	6	.....
18..	57.01	55.77	24.2	29.3	95	73	Calm	NNE 2	3	5	.....
19..	58.03	56.13	24.5	29.5	94	75	Calm	N 2	7	3	.....
20..	57.74	56.22	23.8	29.7	95	71	Calm	NNE 2	4	2	.....
21..	57.07	56.02	24.7	29.4	87	74	Calm	NNW 1	4	3	.....
22..	57.83	56.82	23.3	30.3	94	68	Calm	N 1	4	2	.....
23..	58.02	56.08	24	31.2	91	68	Calm	WNW 2	4	2	.....
24..	57.89	56.11	24.5	31.4	94	71	Calm	WSW 2	5	3	.....
25..	57.33	56.32	24	32.4	88	64	Calm	WSW 2	3	3	.....
26..	58.63	56.92	26.5	33.5	77	56	SW 1	Calm	5	3	.....
27..	58.92	57.01	25	30.8	87	67	Calm	NNE 2	2	3	.....
28..	59.09	56.72	25.4	31.3	88	68	Calm	NNW 2	3	2	.....
29..	58.29	56.72	24.2	30.2	92	74	Calm	N 2	3	3	.....
30..	59.41	57.04	25.6	31	90	69	Calm	Calm	4	2	.....
31..	59.09	57.27	24.3	29.7	93	73	Calm	NNE 2	5	3	.....
Mean	57.80	56.40	25	29.7	90.4	72.8	0.2	1.4	4.5	3.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.98	57.68	24.3	28.2	94	80	Calm	NE 2	3	7	.....
2..	58.83	56.97	23.5	28.6	91	75	Calm	N 1	5	3	.....
3..	57.93	55.84	23.6	29.2	91	71	Calm	NNW 1	3	3	3
4..	57.65	56.06	23.8	29	97	69	Calm	WSW 2	8	7	13
5..	57.17	56.00	23.5	29.2	96	71	Calm	SW 2	10	7	88.2
6..	56.23	55.55	23.7	30.7	92	69	Calm	SW 2	5	7	7.6
7..	57.47	56.29	24	30	93	68	Calm	Calm	7	4	.....
8..	58.48	58.14	23.3	30.7	93	67	Calm	SW 2	2	5	.....
9..	59.18	59.46	24	24.2	97	95	Calm	Calm	10	10	53.1
10..	59.18	56.69	22.7	30.6	97	63	Calm	WNW 2	3	4	5.8
11..	57.67	56.58	24.6	30	92	71	Calm	WNW 2	6	3	.....
12..	58.86	57.39	24	29.7	91	71	Calm	NW 1	3	2	4.1
13..	59.17	57.78	22.7	29.3	97	72	Calm	NE 2	2	5	.....
14..	59.61	57.33	24.3	29.2	94	72	Calm	NNE 1	5	6	.....
15..	58.47	57.09	24.2	29.3	95	79	Calm	NE 2	3	4	.....
16..	58.93	57.42	24.2	30.2	93	74	Calm	NE 1	2	3	46.2
17..	58.83	56.93	23.8	29.5	97	75	Calm	NW 1	3	2	.....
18..	57.56	57.19	25.3	29.5	89	75	Calm	N 1	6	3	49
19..	58.45	57.33	25.2	29.7	90	75	ESE 1	NE 1	3	3	.....
20..	58.04	57.02	25.2	30	83	68	Calm	ENE 1	3	3	.....
21..	57.57	56.38	24.3	28.5	97	81	Calm	N 1	3	7	.....
22..	57.33	56.07	25	30.5	96	70	Calm	WNW 2	8	3	.5
23..	57.43	55.98	23.5	30.9	96	69	Calm	W 2	4	2	.....
24..	57.08	55.47	23.5	29.8	96	71	Calm	NE 1	2	3	15.7
25..	56.58	55.56	25.3	27.7	86	75	SSW 3	SW 3	7	5	.....
26..	54.35	54.09	27.2	25.5	74	84	SW 3	SW 3	8	9	16.5
27..	52.80	52.08	24.7	27.7	87	67	SSW 3	SSW 4	9	8	13.2
28..	53.21	52.40	27.3?	28.5	63?	66	SW 4	SSW 4	8	6	3.6
29..	53.62	52.82	27	31.3	71	54	SW 3	SW 3	6	3	.....
30..	55.84	54.79	26.2	31.2	73	68	SW 2	WSW 2	4	2	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.42	56.21	24.5	29.3	90	72.2	0.6	1.7	5	4.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	319.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.18	56.73	26.7	30.6	82	72	Calm	Calm	5	3	.....
2..	58.24	56.73	24.6	31.5	92	59	Calm	WNW 2	2	2	.....
3..	57.62	56.12	24	27.2	93	83	Calm	W 1	6	5	149.9
4..	56.25	55.42	25.5	28.5	78	70	SW 2	SW 2	4	5	5.8
5..	54.84	54.64	26.8	28.5	65	71	SW 2	SW 3	5	6	10.7
6..	55.73	55.48	26.2	26.5	73	82	SW 2	SW 1	7	8	6.1
7..	57.79	56.24	24.6	29.8	92	63	SW 2	SW 1	7	5	3.6
8..	57.76	56.26	26.2	28.9	73	59	SW 2	SW 3	5	6	.....
9..	56.80	54.86	27.7	31	67	51	SW 2	SW 2	4	3	.....
10..	56.25	55.28	27.4	32.6	70	55	SW 1	WNW 2	3	2	.....
11..	56.98	55.98	27.3	33.3	65	55	WSW 1	WSW 2	5	3	.....
12..	57.90	56.87	27.3	34.5	58	42	WSW 1	SW 2	3	3	.....
13..	58.32	56.95	27.	32.3	70	45	WSW 1	WSW 2	3	4	.....
14..	58.09	56.68	27.7	32.7	68	44	SW 2	WSW 2	2	3	.....
15..	57.46	56.42	27.7	33.3	66	46	Calm	SW 2	3	3	.....
16..	57.80	56.86	27.6	32.3	73	52	SW 1	SW 2	4	3	.....
17..	58.93	56.85	25.7	34	81	52	Calm	Calm	3	2	.....
18..	58.77	56.48	24.8	32.3	90	63	Calm	NW 2	2	2	.....
19..	58.21	56.73	26.6	32.2	84	63	Calm	WNW 2	3	2	.....
20..	58.01	56.82	26.7	32.8	76	54	WSW 2	SW 2	3	3	.....
21..	58.18	56.49	25	33.8	90	51	Calm	WSW 2	2	2	.....
22..	57.25	55.12	27.3	33.7	72	44	W 2	WSW 2	3	3	.....
23..	56.21	55.02	27.4	35.2	76	45	Calm	SW 2	3	2	.....
24..	55.59	55.18	27.7	32.8	70	52	SW 2	SW 2	4	4	.....
25..	56.20	55	27.6	32.3	70	53	SW 1	SW 1	5	4	.....
26..	56.67	55.01	27.5	34.6	70	45	Calm	WNW 2	3	3	.....
27..	57.44	55.74	28	29.6	68	64	SW 2	SW 1	4	5	.....
28..	56.88	55.98	24.5	29.5	89	76	Calm	NNW 1	4	4	.....
29..	58.18	56.56	24.5	30.6	92	70	Calm	WNW 2	7	5	.....
30..	58.46	57.51	24	31.2	91	62	Calm	WNW 2	5	3	.....
31..	59.78	58.48	24	32	86	65	Calm	WNW 1	3	3	.....
Mean	57.41	56.14	26.3	31.6	77.1	58.3	0.9	1.7	3.9	3.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.36	57.97	23.5	32	91	66	Calm	WNW 2	4	2	.....
2..	58.71	57.53	24.2	31.7	86	62	Calm	Calm	5	3	.....
3..	59.04	57.79	26	31.2	76	66	Calm	W 2	5	4	.....
4..	59.49	57.65	26.5	31.2	76	64	Calm	NNW 2	3	2	.....
5..	58.73	57.31	25.8	33.7	78	57	Calm	WSW 2	6	3	.....
6..	58.46	57.03	27.6	33.8	70	49	WSW 1	W 2	3	3	.....
7..	57.93	57.62	27.3	31	68	55	SW 1	WSW 2	3	5	.....
8..	57.83	56.90	27.3	31.3	66	60	WSW 2	SSW 2	6	3	.....
9..	57.48	56.27	26.8	31.5	75	54	SW 1	WSW 1	6	5	.....
10..	56.98	56.24	26.7?	31.8	70?	54	SW 2	SW 2	5	6	7.6
11..	57.48	56.32	24.6	32.5	79	55	SW 2	SW 2	7	3	.....
12..	57.53	56.35	27.2	31.5	65	54	SW 1	SW 2	4	3	.....
13..	57.42	56.52	27.2?	32.5	67?	58	SW 2	W 2	5	3	3.8
14..	58.53	57.19	23.5	29.7	96	73	Calm	NW 1	2	3	9.9
15..	58.83	57.36	22.8	27.8	95	77	Calm	NNW 2	10	5	1.3
16..	58.60	57.19	23.6	30.3	95	72	Calm	WNW 2	5	3	.....
17..	58.86	57.33	24.5	30.6	92	64	Calm	SW 2	7	5	8.1
18..	57.46	55.83	25.8	31	79	59	SW 1	SW 2	4	3	.....
19..	57.47	56.40	26.2	30.7	75	64	SW 2	SW 2	4	3	14
20..	58.23	57.70	26.1	27.3	76	72	SW 3	SW 3	7	5	9.7
21..	57.82	57.40	26.6	30.3	69	59	Calm	SW 2	3	4	.....
22..	57.86	57.38	27.1	29.5	72	64	SW 1	SW 2	3	5	.....
23..	57.82	56.54	25.5	31.5	84	57	Calm	SW 2	3	3	.....
24..	56.60	55.43	27.5	31.4	69	56	Calm	Calm	5	6	.....
25..	57.00	55.79	26	34.5	79	49	Calm	SW 2	2	3	.....
26..	57.35	56.42	27	32.3	80	49	Calm	WSW 2	6	4	3.8
27..	57.51	55.91?	25.3	32.5	86	55	Calm	SW 2	5	3	.....
28..	57.10	56.11	27.5	31	70	64	Calm	SW 2	3	4	.....
29..	58.05	57.29	27.8?	31.5	54?	60	SW 2	SW 1	6	5	.....
30..	58.77	57.79	27.4	29.5	68	60	SW 1	SW 2	5	6	.....
31..	58.96	56.92	26.2	32.8	78	54	Calm	SW 2	5	3	.....
Mean	58.04	56.89	26	31.3	76.9	60.1	0.7	1.8	4.7	3.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58.2

MAMBAJAO.

[ϕ=9° 14′ N; λ=124° 43′ E; barometer above sea, 6.5 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.43	57.18	27.5?	32.5	64?	53	SW 2	SW 2	3	5	.....
2	58.83	57.11	26.7	34.2	70	48	Calm	W 2	3	2	.....
3	57.66	56.10	27.6	32.5	70	49	SW	SW 2	3	3	.....
4	56.51	54.98	27.5	31	69	52	SW	SW 2	3	3	.....
5	55 52	54.93	28.5	32.2	66	53	SW	SW 2	3	3	.....
6	55.59	55.31	28.8	32.3	61	54	SW	SSW 2	4	3	.....
7	56.84	55.32	28.2	32.5	69	53	SSW	SW 2	3	4	.....
8	56.70	55.44	28.7	31.4	66	56	SW	SW 2	3	4	.....
9	57.56	56.69	28.2	31.7	66	54	SSW	SW 2	3	4	.....
10	58.01	56.90	27.4	32.5	68	55	SW	SW 1	3	4	.....
11	58.41	57.44	27.5	34.7	68	47	SW	WSW 1	1	2	.....
12	59.51	57.90	24.3	32.8	86	63	Calm	W	1	2	.....
13	59.60	57.47	24	32.2	90	65	Calm	W	1	2	.....
14	59.31	58.17	27.5	32.7	70	52	SW	SW 1	2	3	.....
15	59.94	58.15	26.6	34.2	80	53	SW	SW 1	2	4	.....
16	59.05	57.76	25.7	32.2	81	58	Calm	Calm		3	.....
17	60.11	58.02	23.8	32.8	91	61	Calm	W 2	3	4	.....
18	60.01	58.37	24.6	32.8	92	58	Calm	W 1	6	3	.....
19	60.06	58.27	26.5	34.3	76	48	Calm	W 2	3	3	.....
20	58.52	56.20	26.7	33.7	80	50	SW	WSW 2	4	4	98
21	57.03	55.69	24.5	31.6	91	60	Calm	WSW 2	6	5	.....
22	57.73	56.59	26.7	31.2	73	62	SW	SW 2	3	4	.....
23	57.95	56.74	27.2	31.2	70	62	SW	WSW 2	4	3	6.9
24	58.78	57.76	24.5	30.7	93	69	Calm	Calm	6	2	.....
25	60.03	58.19	24.3	30.8	87	71	Calm	NW 1	4	2	.....
26	60.31	58.04	24.7	30.1	94	72	Calm	Calm	3	2	.....
27	59.06	57.77	25.2	29	92	72	Calm	Calm	5	5	.....
28	58.27	55.83	24.3	33.2	94	59	Calm	Calm	4	2	3.8
29	56.86	54.39	23.7	31	96	67	Calm	SW 2	6	5	7.4
30	56.05	55	27.3?	29.2	72?	70	SW	SW 3	4	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.27	56.79	26.3	32.1	78.2	58.2	0.8	1.7	3.7	3.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.57	56.31	27.7	26.6	69	86	SW 3	SW 1	4	7	5.6
2	56.28?	55.49	27.7	28.8	68	67	SSW 3	SSW 3	5	7	2.5
3	55.61	55.44	27.6	32.2	63	53	SSE 2	SW 2	4	3	.....
4	58.04	57.50	27.2	33.3	68	47	SSW 1	SW 1	5	6	.....
5	60.05	58.41	24	30.2	91	74	Calm	N 1	4	2	.....
6	60.40	58.30	26	31	89	72	Calm	N 1	6	2	.....
7	58.28	57	24.3	31	95	69	Calm	N 1	2	2	6.1
8	58.76	57.04	24.5	30.8	96	70	Calm	N 1	4	2	2
9	58.86	57.43	24.6	30	95	75	Calm	WSW 1	6	6	.....
10	58.33	56.64	25.8	24.5	86	92	Calm	Calm	7	8	29.2
11	58.75	56.48	24.3	32.2	87	57	Calm	SW 1	6	4	4.1
12	57.79	56.74	25.3	31	79	62	Calm	SW 1	3	3	.....
13	57.86	56.32	25.3	30.2	88	61	Calm	SW 2	5	6	43.2
14	57.43	55.66	25.2	29.5	79	69	Calm	SW 2	6	5	.....
15	55.61	54.71	26.5	28.8	76	71	SW 2	SSW 3	7	8	.....
16	55.88	55.21	27.5	29.5	71	68	SW 2	SW 2	4	5	.....
17	57.58	55.99	25.2	31	90	70	Calm	Calm		3	.....
18	57.75	56.31	27	32	80	53	SW 1	SW 2	3	4	.....
19	57.88	56.40	27.4	31.6	66	53	Calm	SW 2	3	3	.....
20	57.31	56.04	26.6	32.3	81	55	Calm	SW 2	4	4	.....
21	56.74	55.57	28.2	31.7	70	56	SW 1	WSW 1	6	5	.....
22	57.27	55.99	28	30.6	68	64	S 1	SW 1	4	5	.....
23	58.83	57.58	23.7	30.3	91	73	Calm	Calm		2	.....
24	59.13	57.55	24	30.5	91	73	Calm	NW 1	3	3	.....
25	59.02	57.09	24.5	30.5	93	72	Calm	NE 1	2	2	.....
26	59.61	58.39	26.1	29.1	88	74	ENE 1	NE 1	4	5	.....
27	60.09	58.62	26.6	31	83	71	ENE 1	ENE 2	4	3	.....
28	60.17	58.24	25.5	30.3	84	74	Calm	ENE 1	4	5	.....
29	58.88	56.88	26.8	28.2	83	80	NE 1	NE 2	4	7	.....
30	57.79	57.02	26.2	30.5	89	72	Calm	NE 2	3	5	.....
31	58.30	57.43	26.5	30.5	84	73	E 1	NE 2	3	4	16.3
Mean	58.09	56.77	26	30.3	82	67.9	0.6	1.4	4.2	4.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	109

NOVEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.44	57.10	25.9	29.1	87	76	ENE 1	ENE 1	7	4	4.3
2	58.12	56.63	24.9	29.7	91	76	Calm	NE 2	1	3	10.7
3	58.29	56.92	24.5	27.5	92	84	Calm	N 2	4	7	23.6
4	58.07	56.82	24.5	25	99	92	ENE 2	Calm	10	•8	9.6
5	58.23	57.37	24.5	28	96	85	Calm	ENE 2	3	7	.....
6	58.58	57.18	26.5	30.1	86	69	E	ENE 1	2	1	.....
7	58.73	57.70	25.5	28.2	88	82	Calm	ENE 1	6	5	.....
8	59.45	57.89	26.4	30.1	85	76	Calm	ENE 2	2	4	25.4
9	59.08	57.99	25.4	28.3	93	77	Calm	ENE 1	8	5	11.4
10	59.23	57.84	24.2	28.4	91	73	Calm	NE 2	3	9	10.2
11	59.23	57.74	24.6	28.7	95	80	Calm	NE 2	6	3	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.32	57.94	24.4	28.3	97	72	Calm	NE 1	10	5	11.5
2	58.49	58.06	26	26	85	92	NE 1	Calm	7	9	5.1
3	58.64	56.84	24.5	25.4	94	93	Calm	NNE 1	9	9	34
4	58.57	57.23	25.2	28.4	91	79	NW 2	NE 1	9	5	.....
5	58.46	57.98	25.5	28.9	94	79	Calm	ENE 2	6	6	9.1
6	59.31	58.50	24.9	25	92	90	ENE 2	Calm	10	10	34.8
7	60.11	58.51	24.2	25.9	90	91	ENE 1	Calm	7	7	2.8
8	59.44	59.02	26.1	26.5	79	73	NNE 2	N 1	7	9	.....
9	59.46	58.05	26.1	26.7	76	80	NE 1	Calm	6	6	23.6
10	58.83	57.50	24.5	25.4	97	95	ENE 2	Calm	10	6	28.2
11	58.70	56.95	23.8	26.5	97	88	Calm	NNE 1	10	8	19.8
12	58.14	57.20	23.5	24.5	96	95	Calm	Calm	7	10	6.4
13	57.22	56.87	25.2	25.5	93	92	Calm	Calm	5	10	14
14	58.51	57.13	23.6	27.5	97	81	Calm	Calm	3	6	.....
15	58.88	58.80	24.6	27.6	95	82	Calm	ENE 1	2	4	.....
16	59.41	59.53	24.5	25.1	92	94	Calm	Calm	3	10	32
17	59.73	58.59	23.5	26.7	97	85	Calm	Calm	9	8	8.1
18	60.11	59.19	24.2	27.5	91	81	ENE 1	ENE 1	4	7	41.1
19	60.31	59.11	22.5	26	96	89	Calm	Calm	8	8	91.7
20	60.83	58.07	22.5	27.1	96	83	Calm	ENE 1	3	3	.....
21	59.41	58.12	24	25.4	96	92	Calm	ENE 1	8	7	10.7
22	58.45	57.67	22	28.2	95	73	Calm	WSW 1	3	4	.....
23	57.68	57.33	24.5	29.2	84	70	Calm	WSW 2	7	2	.....
24	57.81	56.21	26	27.6	72	66	WSW 2	WSW 1	5	5	.....
25	56.07	54.85	26	27.6	76	71	WSW 2	WSW 2	7	7	.....
26	57.12	56.15	24	29.7	88	69	Calm	Calm	2	4	.....
27	58.63	57.95	24.1	29.6	91	72	Calm	W 1	7	1	.....
28	59.81	58.28	22.1	28.5	95	75	Calm	Calm	1	2	11.7
29	59.78	58.54	23.1	28.1	98	77	Calm	Calm	3	3	.....
30	59.70	58.40	25.5	28.8	83	73	NE 1	ENE 1	3	2	.....
31	60.38	59.13	25	27.5	82	77	Calm	NE 1	5	2	.....
Mean	58.95	57.86	24.4	27.1	90.5	81.6	0.5	0.6	6	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	384.6

[a] Temporarily closed from November 12 to 30.

DUMAGUETE.

[$\phi = 9°\ 18'$ N; $\lambda = 123°\ 19'$ E; barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.64	58.15	24	28.4	91	80	NWbyW 1	NE 2	9	8	.....
2	59.20	58.17	23.2	28.3	90	74	WNW 1	N 3	9	6	12.2
3	58.39	57.90	25	28.7	92	73	NW 1	NNE 2	10	7	1
4	58.71	57.75	25.4	28	88	77	NNW 2	N 3	10	7	14.5
5	59.22	57.72	23.5	28	95	77	NW 1	N 4	9	7	20.8
6	59.18	58.12	24.7	25.3	83	78	NW 2	N 3	10	10	1
7	58.02	57.43	24.5	26.2	92	85	N 3	NNW 2	10	10	2
8	59.44	58.21	24.6	26.6	84	73	NW 2	NE 6	10	10	.....
9	59.50	58.17	24.6	25.9	73	69	N 3	NNW 4	10	10	.....
10	59.59	58.79	22.6	25.1	89	83	NW 2	N 1	10	10	2.8
11	59.84	58.62	24.4	27.9	85	77	NNW 2	Nbyw 3	10	10	2
12	58.93	58.33	23.5	26	88	85	WNW 1	N 2	10	10	1
13	58.09	58.28	24.5	26.3	88	82	NNW 2	N 3	10	10	1.3
14	58.69	58.22	24	27.3	91	74	NW 2	NNW 3	6	7	.9
15	59.42	58.59	25	26.6	88	83	NW 2	NE 5	10	7	.....
16	59.52	57.73	25	27.4	83	79	NW 2	NNW 2	7	10	35.6
17	59.36	57.24	23.5	26.7	91	83	NW 1	NNW 2	10	10	15
18	58.46	57.53	23.5	28.2	96	76	WNW 1	NNW 2	7	7	.....
19	58.03	57.56	24	27	91	75	NW 1	NNE 3	7	4	.....
20	58.38	57.18	25.2	28.7	86	74	NWbyW 2	N 2	10	7	.....
21	58.05	57.17	24.2	28	86	79	NW 3	N 4	7	8	3.3
22	58.05	57.64	23.9	25	92	88	NW 3	NbyW 4	10	10	5.6
23	58.59	57.35	23.1	24	87	85	N 4	NWbyN 4	10	10	.....
24	57.19	55.74	24	27	83	84	NW 3	NNW 2	10	10	3.6
25	56.64	56.11	24	26.6	91	80	NW 1	NE byN 4	10	10	16
26	57.45	56.82	23	25.6	91	81	NW 3	NW byN 4	10	10	2.5
27	57.34	56.88	24	24.6	91	91	NWbyW 2	NW 2	10	10	17.5
28	57.31	56.72	24.2	26.6	85	76	NW 3	NW 4	10	8	.....
29	57.54	57.29	23.7	25.2	81	79	NWbyW 3	NNW 3	10	10	.....
30	57.29	57.17	24	25	86	85	NW 3	NNW 2	9	10	41.7
31	58.19	57.29	23.3	27.5	94	81	W 1	N 3	8	7	.....
Mean	58.46	57.61	24.1	26.7	88.1	79.5	2	3	9.3	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.67	58.31	24.1	26.6	91	80	NW 1	N 3	10	10	2.8
2	58.77	58.03	24.2	27.6	89	75	NW 1	NE 3	10	6	9
3	58.75	58.02	24.6	26.7	82	83	WNW 1	NNE 3	10	9	1.8
4	58.89	57.63	26.2	27.9	85	69	NE 3	NNE 2	10	4	.....
5	58.55	57.46	23.4	27	88	80	WNW 1	NE 3	8	7	6.9
6	58.10	56.67	22.5	28	89	74	W 1	E 1	4	4	.....
7	57.42	56.22	22.9	28.1	89	76	WNW 1	NNE 3	4	4	1.5
8	58.32	57.64	24	26.1	86	76	N 2	NNE 2	5	10	11.9
9	59.18	57.74	23.4	26.1	82	73	NNW 3	N 3	10	10	3
10	58.78	58.50	24.3	24.1	83	94	NNW 2	W 1	10	10	7.4
11	59.37	57.37	23.6	27	94	82	NW 1	NNE 3	10	8	87.4
12	58.35	57.47	23.2	25.1	95	91	Calm	NEbyN 5	10	9	65.6
13	59.19	57.76	22.5	27.4	93	73	W 1	NNE 2	10	4	9.1
14	58.74	57.58	24.5	27.4	94	75	NWbyW 2	NNE 2	10	8	.....
15	58.62	57.52	24.5	26.5	92	82	NNW 1	NNE 2	7	4	30.5
16	59.86	58.80	24.5	27.8	95	79	NNW 2	NNW 3	10	7	.....
17	60.13	58.68	24.6	27.4	90	80	NW 3	NNE 3	7	7	8.4
18	59.52	58.62	24.5	26.9	85	78	NNW 2	NNW 4	10	10	.....
19	60.53	59.63	23.7	26.1	83	76	NW 3	NbyE 3	10	10	6.9
20	60.56	59.73	22.5	26	83	78	NWbyN 2	N 3	10	10	5.1
21	61.19	60.23	22.7	26.4	85	68	NW 2	N 3	10	10	.....
22	61.36	60.13	23.5	27.4	87	78	NW 3	NE 3	9	6	.....
23	61.61	60.20	22	26.1	80	65	NNW 1	NNE 4	4	7	.....
24	62.16	60.87	22.7	27.1	78	70	NW 1	N 3	5	7	.....
25	60.69	60	24.5	26.1	82	83	NW 2	NNE 2	10	10	.....
26	60.49	59.90	24.2	27.8	82	70	N 2	N 3	4	6	.....
27	60.85	60.29	24	28.5	85	60	NNW 2	NNE 4	5	7	.....
28	61.29	59.76	24	27	83	73	N 2	N 3	10	10	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.64	58.60	23.8	26.9	86.8	76.5	1.7	2.8	8.3	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	257.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.31	59.06	24.2	28.5	86	67	NW 3	NbyE 3	10	7	7.6
2	60.76	60.26	22.6	26	91	80	N 2	Nbyw 1	10	10	1.3
3	61.67	60.95	24.2	26	88	80	N 3	N 3	10	10	9.7
4	60.97	59.68	23.7	27.4	89	73	Nbyw 2	NNE 2	10	10	.....
5	60.38	59.49	24	25.8	90	85	NW 1	N 4	7	10	.....
6	59.98	59.32	24	28.9	90	71	N 3	N 3	10	6	.....
7	59.52	58.39	24.6	26.2	89	82	NW 2	N 3	10	9	.....
8	58.38	56.96	24	26.5	83	80	NW 1	E 2	5	7	9.4
9	58.75	56.77	21.6	28.7	95	71	W 1	SSW 3	2	6	.....
10	58.80	57.81	23	27.9	91	79	wbys 1	S 2	6	5	.....
11	59.09	58.71	22	23.7	91	94	W 2	S 1	3	10	18
12	58.30	57.60	23.2	28	94	77	WNW 1	S 3	2	4	1.3
13	58.23	57.68	24.3	28.3	85	72	WNW 1	NNE 2	2	3	.....
14	59.35	58.54	22.7	28.7	91	75	W 1	S 3	4	5	.....
15	59.48	58.80	21.3	29	84	70	W 1	SSW 3	3	4	.....
16	60.28	59.42	22.5	28.4	85	68	W 1	SSE 3	7	4	8.1
17	60.67	60.12	24	27.4	91	73	WNW 1	NE 2	7	3	2.5
18	61.61	60.65	24	26.5	88	76	N 3	NE 5	10	4	.....
19	61.35	60.27	24.2	28.1	90	70	NNW 2	NNE 3	10	2	.....
20	59.72	59.15	24.1	27.7	88	69	NNW 2	N 3	9	4	.....
21	59.34	57.80	23.8	27.9	85	65	NW 1	NNE 3	2	4	.....
22	58.92	58	25	28.7	85	72	NW 1	ENE 2	5	5	12.2
23	59.72	58.08	24.4	28.3	91	73	NW 1	ENE 2	8	4	.....
24	58.29	57.71	24.6	28	88	79	NW 2	NE 2	7	1	1
25	58.57	58.35	25	28.6	92	73	WNW 1	NE 2	6	4	.....
26	58.91	58.49	27	28.7	80	73	NNE 3	NE 2	7	3	.....
27	58.89	58.57	26.4	27.4	77	78	NE 4	NE 4	9	7	8.1
28	59.67	58.98	23.5	25.6	93	75	NNW 1	NE 3	10	10	24.6
29	59.22	58.42	24.2	27	86	77	NW 2	NNE 3	9	7	.....
30	58.70	57.90	25	28.1	84	70	NW 1	NNE 3	10	4	.....
31	58.74	58.02	25.5	27	84	83	NNW 1	NE 2	7	7	.....
Mean	59.57	58.71	24	27.5	87.9	75	1.7	2.6	7	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.57	57.83	23.7	27.3	82	82	NW 1	N 3	4	7	.....
2	57.79	56.87	24.9	28	88	74	NNW 2	N 3	5	5	.....
3	57.36	56.39	25	28	88	77	NNW 2	N 3	6	5	9.4
4	57.83	57.33	24.4	28	91	74	NW 3	N 3	7	7	.....
5	57.61	57.50	25	28.5	86	75	NW 2	N 4	7	10	.....
6	57.56	56.43	24.7	27.3	93	81	NNW 1	N 4	4	7	.....
7	57.92	57.05	24.6	28.6	92	69	NNW 2	NE 3	7	3	.....
8	57.31	57.06	24.1	28.6	91	74	NW 1	NE 2	4	4	1
9	57.41	56.79	23.6	29.1	86	67	WNW 1	NNE 2	4	4	.....
10	57.83	57.06	25.4	27.4	89	80	NNW 1	NE 2	10	9	.....
11	57.54	56.47	25	30.2	83	52	NW 2	NNE 3	8	7	.....
12	56.21	55.10	24.8	29	81	71	W 2	S 2	10	10	.....
13	55.91	56.37	22	28.8	87	68	W 2	SSW 2	9	9	.....
14	57.16	56.47	22.2	30	86	75	WNW 1	SSE 3	6	4	.....
15	57.90	56.95	22	29.2	89	74	W 1	SW 4	4	4	.....
16	58.23	57.65	23.5	28.8	80	71	W 1	E 2	4	3	1.5
17	58.66	58.20	24	27.4	96	81	W 1	NNE 3	8	8	.5
18	59.67	59.20	26.7	28	83	74	NE 4	NNE 2	7	5	.....
19	60.75	59.17	25.7	29	82	68	NNE 2	NNE 3	9	3	.....
20	59.75	59.10	24	29.1	91	70	WNW 1	N 3	4	4	.....
21	59.61	58.19	25.5	28.8	84	76	NNW 2	N 3	9	4	.8
22	58.78	57.71	25	28.2	92	79	WNW 1	NNE 3	9	8	2.5
23	58.14	58.31	23.8	28	93	74	W 1	NNE 3	10	4	.....
24	59.37	59	26.7	28.1	80	77	N 3	NE 6	5	9	.....
25	59.85	58.65	26.9	28.6	82	75	NNE 3	N 2	8	7	.....
26	58.63	57.72	25.4	29	84	68	WNW 2	NNE 2	4	5	.....
27	57.92	57.05	25.5	27.5	88	81	W 1	NE 2	8	7	10.4
28	57.63	56.91	24.5	28.5	92	78	W 1	NE 2	7	7	.....
29	58.59	58.20	24	28	88	81	WNW 1	NE 3	4	3	.....
30	58.61	57.77	26.5	28.2	80	73	N 2	NE 2	4	1	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.20	57.48	24.6	28.4	86.9	74.7	1.7	2.8	6.5	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26.1

DUMAGUETE.

[$\phi = 9°\ 18'$ N; $\lambda = 123°\ 19'$ E; barometer above sea, 7.7 meters; gravity correction not applied, −1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.86	57.35	27.1	28	79	77	NE 3	NNE 2	5	7	.....
2	57.43	57.06	25.3	28.1	84	78	NW 2	NE 4	4	7	.....
3	57.33	56.96	25.5	28.7	84	73	NW 1	NNE 2	7	3	.....
4	58.75	58.19	26	28.6	88	73	WNW 1	N 2	10	10	.....
5	59.04	57.59	26	28.4	80	76	N 1	NNE 3	7	3	.....
6	57.92	56.67	27.3	29	81	74	NE 4	NE 3	10	4	.....
7	57.33	56.22	27.2	29	81	71	NNW 3	ENE 2	9	8	3.4
8	56.41	55.72	25	28.5	89	76	NW 1	NE 1	7	8	1
9	56.62	55.77	24	28.1	87	82	W 1	NE 2	6	8	1.5
10	57.53	57.41	25	29	88	73	W 1	NNW 2	10	8	53.6
11	58.12	56.95	24	28	87	77	NW 1	ENE 2	7	9	63.2
12	57.72	57.44	24.5	24.6	92	92	NW 1	NW 1	10	10	14.8
13	57.54	57.31	24.5	27.7	94	82	SW 1	NE 2	10	3	52
14	58.67	58.03	23.8	28.1	93	77	Calm	ENE 2	10	4	.....
15	59.37	58.07	24.4	28.8	86	73	NW 2	NE 2	6	4	.....
16	58.13	56.71	24.7	29	90	73	NW 1	NNE 2	6	3	.....
17	56.96	56.03	24.4	29.9	89	66	W 1	NE 2	6	3	2
18	57.25	56.77	24.4	27.8	93	79	ESE 1	ENE 2	10	7	6.6
19	57.93	56.84	24.6	29.1	88	72	WNW 1	E 2	4	2	.....
20	57.89	57.11	24.6	29.1	91	72	WNW 1	ENE 2	4	2	.....
21	57.64	57.20	23.8	30.2	82	62	W 1	E 2	3	2	.....
22	58.09	57.91	23.8	29.2	81	70	W 1	S 2	4	7	.....
23	58.06	57.19	23.5	29.9	87	71	W 1	SSE 2	3	4	.....
24	57.91	56.69	23.8	30.2	85	73	W 1	SSE 3	3	6	.....
25	57.81	57.22	23	29.1	87	77	W 1	S 4	4	8	1.5
26	58.81	57.94	25	29.6	88	74	NW 2	S 4	10	4	.....
27	59.13	57.68	23.6	30.7	85	69	W 2	SSE 4	3	4	.....
28	59.16	57.70	23.9	29.6	88	77	WSW 1	SSE 3	7	4	.....
29	58.65	57.44	24.9	29.2	88	76	W 1	NE 2	7	3	.....
30	59.51	57.72	25.2	29	86	73	WNW 1	ENE 2	9	2	.....
31	59.14	57.87	24.5	28.5	83	75	W 1	NE 2	7	7	1.5
Mean	58.06	57.19	24.8	28.8	86.6	74.6	1.3	2.3	6.7	5.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	201.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.57	57.77	24.3	[a]	93	[a]	W 1	E 3	7	7	10.2
2	58.79	57.83	.....	.....	.....	.....	W 1	NNE 2	10	7	6.6
3	58.33	56.79	.....	.....	.....	.....	WNW 1	N 2	9	6	.....
4	57.51	56.95	.....	.....	.....	.....	W 1	SW 2	9	10	.....
5	57.37	56.61	24.4	28.8	88	72	SW 1	S 3	9	10	19.3
6	56.87	56.09	23.8	28.3	89	81	SW 1	ENE 3	9	9	.....
7	57.80	56.89	23.8	28.7	89	76	W 1	S 4	8	7	.....
8	59.02	58.39	23	29.1	91	74	W 1	ENE 2	4	7	2.8
9	59.14	59.20	23.5	27.4	91	81	W 1	NE 2	9	10	.....
10	58.64	57.21	23.4	28.8	92	76	W 1	SSW 3	7	8	.....
11	58.32	57.30	22.6	29	95	74	NW 1	SSE 3	4	8	.....
12	59.41	58.07	24.3	28.7	89	76	WSW 1	SSE 2	7	2	.....
13	59.27	58.39	23.2	29.5	91	72	W 1	E 2	3	4	19.8
14	59.76	57.80	25.5	29	84	73	NNE 2	E 2	9	7	.....
15	58.66	57.27	25	29	88	75	W 1	NE 2	9	7	1.3
16	59.09	57.69	24.7	30.4	94	72	W 1	S 3	9	8	.....
17	58.94	57.74	24	29.5	91	75	WSW 1	SSE 3	7	6	19
18	57.87	58.36	23.5	28.2	92	80	N 1	ENE 3	9	10	.....
19	58.91	57.70	23.8	29	83	71	W 1	NE 2	4	4	.....
20	58.45	58.02	27.8	29.5	84	72	NNE 4	NE 2	10	5	24.6
21	57.94	57.36	24.5	28.2	95	76	WNW 1	ENE 2	8	9	.....
22	57.54	57.20	24.5	28	94	75	W 1	SSE 2	10	9	.....
23	57.74	56.97	23.8	28	91	83	WSW 1	E 2	9	4	.....
24	57.93	56.71	23	29	90	76	W 1	SE 3	7	7	.....
25	56.81	56.32	24.6	28.5	89	80	NW 1	W 3	10	10	.....
26	54.89	55.04	26.5	24.8	80	91	SW 3	SSW 1	10	10	20.9
27	54.07	53.46	23.5	23.8	96	93	SW 1	SW 2	10	10	18.3
28	53.59	53.36	24.6	26.5	87	85	SW 5	SW 5	10	10	21.9
29	54.06	53.63	25.5	28.5	83	71	SW 6	SW 4	10	10	16.3
30	56.45	55.20	24	30.7	92	64	NW 2	N 2	10	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.76	56.91	24.3	28.4	90	76.7	1.5	2.5	8.2	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	181

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.02	57.90	22.6	30	91	75	WSW 1	SW 3	7	7	2.5
2	58.84	57.47	23	30.8	90	64	W 1	SSE 3	7	6	5.3
3	58.08	57.15	24.4	27.4	92	81	W 1	NW 1	10	10	5.1
4	57.58	56.59	24.5	29.4	93	64	WNW 1	ENE 2	10	9	18.3
5	55.57	55.84	23.8	25.8	93	85	W 1	NNE 3	10	10	49.2
6	56.34	56.10	22.8	25.7	97	86	W 1	SW 2	10	10	9
7	57.90	57.29	24	27.2	89	79	S 3	NNE 3	10	10	12.7
8	58.70	57.32	25	28.8	81	68	N 2	SSW 4	10	10	.....
9	57.14	56.60	26.5	29.4	84	68	SW 3	SW 4	10	10	.....
10	56.74	56.10	26.3	31.4	86	54	SSW 3	SW 6	4	4	.....
11	57.23	56.98	26.6	31	80	56	SW 4	SSW 4	8	7	.....
12	58.66	57.54	23.4	30.4	89	68	W 1	S 4	4	3	.....
13	59.03	57.38	24.6	32.8	88	56	WNW 1	SSW 3	8	4	.....
14	58.49	57.25	24.5	32.8	91	52	W 1	WNW 6	1	3	.....
15	57.83	56.95	23.6	30.7	90	64	WSW 1	SW 3	7	7	.....
16	58.35	57.35	25	31	88	62	SW 1	N 1	10	9	.....
17	59.58	57.52	23.3	32.6	89	54	WNW 1	S 2	6	4	.....
18	59.32	57	22	32.8	87	58	W 1	S 3	3	3	.....
19	58.84	57.65	22.8	31.2	88	69	W 1	S 3	4	8	.....
20	58.67	57.48	22.3	33.3	88	60	WSW 2	S 3	5	4	.....
21	58.76	57.04	22	32.3	87	60	W 1	ESE 3	2	2	.....
22	58.17	55.80	22.4	32	86	63	NNW 1	S 4	1	4	.....
23	57.16	55.74	23.5	31.2	83	62	W 1	SE 1	4	4	.....
24	56.71	55.92	23.7	28.6	91	72	W 2	NNW 2	7	10	5.1
25	57.17	56.50	23.8	25.7	89	91	SW 2	SW 2	10	10	13.5
26	57.46	55.26	22.7	31	94	67	WSW 1	SSW 4	8	4	.....
27	58.18	56.52	24	29.2	93	70	WSW 1	SW 4	10	9	.....
28	57.48	55.98	24	31.2	86	61	WSW 2	SSW 4	7	3	.....
29	58.56	56.97	24.7	29.4	86	73	W 1	SW 5	10	9	.....
30	58.92	58.21	25.2	29.2	88	73	W 1	SE 3	9	6	9.7
31	60.28	59.12	24.2	29.7	94	68	WSW 1	ESE 2	7	2	2.5
Mean	58.06	56.92	23.9	30.1	88.7	67.2	1.5	3.1	7.1	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.17	58.77	23.4	31.3	90	65	W 1	SSE 2	4	6	.....
2	59.36	58.25	24.5	31.3	91	69	WNW 1	SSE 3	7	4	.....
3	59.41	58.40	23.6	30	85	70	W 1	S 2	7	7	2.8
4	60.15	59.14	22	30	91	70	W 1	SSE 3	4	7	.....
5	59.52	58.31	23	29.8	84	77	W 2	SSW 3	5	5	1.3
6	59.24	58.07	22.5	30	91	70	WNW 1	S 3	7	9	.....
7	58.48	57.95	22.8	32	93	60	SW 1	E 2	6	8	.....
8	58.64	57.50	24	30	91	67	Calm	S 4	10	8	.....
9	58.54	57.36	23.7	26.5	90	84	WSW 1	N 1	10	10	5.6
10	58.07	57.01	23.8	27.4	89	74	WNW 1	N 3	10	9	7.3
11	58.07	57.02	23.7	27.6	94	69	NW 1	SW 3	9	9	8.1
12	58.08	56.55	24.5	31	86	59	SSW 3	S 4	10	7	.....
13	57.76	57.20	25.7	30.4	75	69	S 3	SSE 4	8	5	.....
14	59.12	58.19	23	28.4	89	79	W 1	NE 2	8	9	.....
15	58.89	58.20	24	28.5	91	73	NW 1	SSW 3	10	10	10.7
16	59.52	58.01	23	29.8	91	71	NW 1	S 4	10	8	.....
17	59.49	57.75	23.6	28.5	90	78	W 1	ENE 3	10	7	.....
18	58.35	56.72	22.9	28.7	93	79	W 1	SSW 2	8	10	.....
19	58.29	57.37	24	27.6	91	78	WSW 1	NE 2	7	8	8.6
20	58.97	57.79	23.6	25.8	95	93	W 1	S 2	10	10	6.1
21	58.88	58.54	22.7	26.5	94	84	W 1	SW 1	10	10	2
22	58.62	58.31	23.5	28.5	91	75	SW 1	SSE 2	8	9	1.5
23	59.05	57.87	23.1	28.3	94	73	WSW 2	N 3	10	8	3
24	57.53	56.04	23.4	30	92	73	WSW 1	S 4	7	8	.....
25	57.34	56.27	23.7	29	94	78	W 1	S 4	7	7	.....
26	57.94	57.01	22.5	30.3	95	70	NW 1	ESE 2	5	9	3.6
27	58.28	57.56	23.5	26	88	90	WSW 1	SW 2	5	10	13.5
28	57.96	57.11	23.6	28.7	95	76	W 1	SW 2	10	10	1.3
29	58.61	58.40	26.8	28.9	78	75	E 3	SSW 2	10	10	.....
30	59.57	58.41	24	30.6	91	68	W 1	ESE 3	10	9	.....
31	59.17	57.30	23.8	30.4	93	72	WNW 1	ESE 3	7	7	.....
Mean	58.74	57.69	23.6	29.1	90.2	73.8	1.2	2.7	8	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75.4

[a] The thermometer shelter was being repaired.

DUMAGUETE.

[$\phi = 9°\ 18'$ N; $\lambda = 123°\ 19'$ E, barometer above sea, 7.7 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.01	58	24.3	31.4	86	50	W 1	W 4	9	8	.....
2	59.72	57.93	23.5	29.5	91	75	WNW 1	S 4	4	6	.....
3	58.89	57.20	23.8	26.3	89	91	W 1	N 1	10	10	12
4	57.42	55.93	23	31.6	96	61	W 2	SSW 3	10	10	.....
5	56.20	55.45	26.5	30	80	62	SW 2	SW 3	10	10	.....
6	56.47	56	27	32.5	78	53	SW 3	SW 2	10	9	.....
7	57.46	55.95	26	29.6	84	74	NE 2	SW 2	10	8	.....
8	57.53	56.53	24.4	34	91	47	NW 1	SW 3	7	8	2.5
9	58.47	57.67	25	26.2	92	85	SE 3	NE 3	10	9	5.1
10	58.97	57.22	23.5	32	96	54	W 2	SW 4	8	5	.....
11	58.94	58.04	22.8	32.5	89	53	W 2	SW 3	4	6	.....
12	60.01	58.30	22.5	30.6	82	72	NW 1	SSE 3	7	4	.....
13	60.63	58.31	23	30.7	79	72	W 2	S 4	4	5	.....
14	59.72	58.85	23.5	30	83	73	W 1	SSE 3	7	8	.....
15	60.02	58.54	24	31	86	71	NW 1	S 3	8	8	.....
16	59.62	58.13	22.5	31.3	89	63	W 1	SW 2	7	8	.....
17	60.62	58.33	22.8	32	89	60	W 1	SSW 3	6	8	.....
18	60.42	58.79	23	31	91	69	WNW 1	SSE 4	7	6	.....
19	60.92	59.20	22.7	28.5	83	74	WNW 1	NW 2	4	8	.....
20	59.11	57.17	23	30.4	93	72	WNW 1	S 4	7	8	12.2
21	58.08	56.77	23.8	29.4	93	72	W 1	NNE 3	6	9	6.1
22	58.42	57.16	23	30.2	96	68	WSW 1	S 4	8	8	7.6
23	58.54	57.08	23.7	30.5	94	65	WNW 1	ENE 2	8	4	2.8
24	59.15	58.29	22.5	30.3	91	70	WNW 1	SSW 3	3	4	.....
25	60.35	58.97	23	30.2	88	70	W 1	SE 2	7	8	.....
26	60.12	58.95	24.5	28	93	77	WSW 2	NNE 3	10	9	.....
27	59.63	58.23	24.8	29.9	89	69	NW 1	N 2	7	7	.....
28	59.03	56.87	24.5	30.4	87	67	N 1	S 2	8	6	.....
29	57.77	55.40	23.5	30.5	83	73	WSW 1	S 3	10	9	.....
30	56.93	55.76	25	28.5	88	80	WNW 1	NNE 3	10	10	13.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.94	57.50	23.8	30.3	88.3	68.1	1.4	2.9	7.5	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.49	57.75	24.3	25.5	94	92	SW 3	N 2	10	10	21.3
2	57.77	55.92	23.4	28.4	92	61	SSW 5	SW 7	10	10	11.6
3	56.72	55.65	24	32.5	94	47	NNE 2	S 4	10	5	2
4	58.49	58	26.2	31	75	62	SSW 3	S 4	6	10	.....
5	60.10	59.15	23.2	29.5	86	70	W 1	E 2	4	8	.....
6	60.59	58.93	23.8	30.2	81	67	W 1	S 2	8	2	.....
7	58.71	57.55	24	30.5	89	65	NW 1	S 3	5	3	.....
8	59.28	57.63	24.9	31	92	71	WSW 1	S 3	10	4	.....
9	59.24	58.31	24	28.7	87	80	W 1	S 3	10	10	.....
10	58.62	57.91	24.5	27.3	83	86	W 1	WSW 1	10	10	12.4
11	59.05	57.40	23.7	27.3	94	86	W 1	WSW 2	10	10	15.5
12	58.43	57.70	23	26	95	88	W 1	SSW 1	5	10	25.7
13	58.95	57.31	23.7	28.9	95	78	SW 1	SSE 3	10	8	.....
14	58.17	56.90	23.7	28	94	77	W 1	N 2	10	10	11.4
15	56.84	55.47	24.4	25.7	95	94	WSW 1	NW 1	10	10	44
16	56.13	55.74	24	27.5	96	84	WSW 2	SW 1	10	10	9.1
17	57.71	56.35	26	31.7	88	60	W 2	S 4	3	4	1.5
18	57.95	56.85	23.7	32.2	89	53	WSW 1	SW 2	4	6	.....
19	58.47	56.97	23.8	29	89	79	W 1	SSW 2	5	8	.....
20	57.91	56.80	24	31	91	69	W 1	SSE 3	5	8	.....
21	57.64	57.	24.5	26.5	92	84	WSW 2	NE 1	8	10	2
22	57.95	56.55	24.2	29.5	90	75	W 1	NNE 2	10	8	4.3
23	59.37	57.67	23.3	29.9	89	73	W 1	SSE 3	4	8	.....
24	59.70	58.22	24	30.5	88	71	NNW 2	SSE 2	7	8	.....
25	59.43	57.70	24	29.4	91	74	NW 2	S 2	5	5	.....
26	60.13	59.45	26.6	29	84	76	NNE 3	NE 4	8	4	.....
27	60.62	59.66	27.4	29.4	81	76	NNE 4	NNE 4	7	6	.....
28	60.60	59.16	27.6	29.2	80	78	NNE 4	NNE 3	6	6	.....
29	59.39	57.11	27.4	29	80	71	NNE 4	NNW 3	7	9	.....
30	58.42	57.55	25.4	28.6	89	76	NW 1	NE 4	9	8	1.5
31	59.22	58.35	27.6	28.7	81	76	NE 3	NNE 4	7	7	.....
Mean	58.68	57.51	24.7	29.1	88.5	74.2	1.9	2.7	7.5	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	162.3

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.13	57.92	27.4	26.8	81	88	NE 3	NE 3	9	9	0.5
2	58.76	57.19	26.3	29.6	90	77	NW 1	NNE 2	9	7	10.2
3	58.54	58.13	25.6	27.3	87	81	NW 2	NE 6	9	10	17.8
4	58.24	58.43	23.6	26.7	95	79	NW 1	NNE 3	10	10	1.5
5	58.69	57.65	25.6	28.6	87	75	NNW 2	NE 4	10	4	1.8
6	59.06	57.75	27.3	30.5	83	66	NNE 5	NNE 3	5	4	.....
7	59.24	58.50	24.5	29.4	87	75	NW 1	NNW 3	7	6	.....
8	59.22	58.49	27.6	29	79	77	NNE 4	NNE 4	5	7	.....
9	59.52	58.65	25.5	28	86	79	NW 2	NNE 5	7	8	1.4
10	59.72	58.40	25.3	29.8	89	75	NW 2	N 4	8	7	1.3
11	59.37	58.51	25.4	29.7	84	74	NNW 2	NNE 3	7	9	.....
12	59.44	57.88	25.3	28.2	85	83	NNW 2	NNE 5	8	9	.8
13	59.70	58.92	27.2	28.2	83	74	NE 4	NNE 3	8	9	4.1
14	59.72	59.11	25.1	28	88	73	N 4	NNE 3	10	9	.5
15	60.18	58.42	26.7	29.6	79	68	NNW 2	N 3	5	6	1.3
16	58.87	58.09	25.9	29	85	69	N 4	NNE 3	9	6	.8
17	58.92	58.15	25	28.5	88	74	NW 2	NE 2	7	1	.....
18	59.23	58.56	24	29.8	85	67	NW 1	NNE 3	2	3	.....
19	59.73	58.85	24.8	28.7	79	59	NNW 2	N 2	9	1	.....
20	60.25	59	24.3	28	87	79	W 1	NNE 4	4	5	.....
21	59.75	58.79	25	29	83	71	NW 2	N 3	4	2	.....
22	59.47	58.37	25	28.5	88	75	WNW 1	NE 2	5	3	.5
23	59.92	58.41	25	29.7	92	71	NW 1	NE 2	8	2	.....
24	59.54	58.74	24.6	29	92	74	W 1	NE 2	5	1	18.3
25	60.02	58.63	24.5	28.4	96	77	WNW 1	NNW 3	10	10	.....
26	59.42	58.65	25.4	29	89	74	NW 1	NNE 2	9	3	.....
27	60.27	59	25.4	29	94	78	WNW 1	N 2	9	4	.....
28	59.65	58.07	27	29.5	82	66	NNE 3	N 3	4	2	.....
29	59.60	58.15	27	29.7	83	72	NNW 2	N 3	8	4	.5
30	59.17	58.37	25	28	88	77	NW 2	NE 3	7	9	1.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.41	58.39	25.5	28.8	86.5	74.2	2.1	3.1	7.2	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.66	58.35	24	28.8	83	73	NW 1	NNE 3	7	4	.....
2	59.17	58.19	25	29	76	69	NW 1	NE 3	8	9	.....
3	58.99	57.70	26	27.2	84	83	NW 3	N 3	8	10	2.5
4	59.33	57.91	24.1	28.5	87	78	NW 4	NNW 4	10	10	.....
5	59.73	58.83	25.5	28	92	75	NW 1	N 2	9	9	2
6	59.92	59.44	24.6	25.2	95	90	NW 3	NW 2	10	10	10.2
7	60.41	58.98	25	28.2	76	74	N 2	NE 4	10	10	.....
8	60.31	59.70	24.5	28.3	79	64	NNW 2	NNW 4	7	8	.....
9	59.98	58.42	23.5	27	80	75	NW 1	NNE 4	8	8	.....
10	59.87	58.40	25.7	27	78	79	N 3	N 4	10	10	3
11	59.47	57.69	24.5	27	92	80	NW 3	NNE 4	10	8	2
12	58.14	57.64	24.5	27	87	84	NW 3	NE 4	10	10	1.3
13	58.18	57.62	25	27	83	80	NNW 3	NW 3	10	10	10.2
14	58.56	58	25	28.3	88	79	NW 2	N 3	8	4	.....
15	59.57	59.59	26.5	28.5	84	78	NE 4	NE 3	7	4	1.8
16	59.91	59.15	26.5?	29.5	76?	64	NE 4	NE 3	9	4	2.5
17	60.45	59.27	24.5	28.2	92	72	NW 2	N 2	9	4	.....
18	60.87	59.50	26.2	28	81	76	NE 4	NE 3	4	3	.....
19	60.90	60.	25.5	27.5	84	77	NE 5	NW 2	10	9	6.6
20	61.16	59.87	23.5	27.5	96	73	NW 2	NNW 1	10	7	.....
21	59.95	58.62	23.5	26.5	96	84	WNW 1	NE 3	5	10	1.3
22	59.04	58.82	23.9	28.7	88	66	WNW 1	NW 2	7	5	.....
23	58.85	58.53	21.5	28	87	74	W 1	SE 1	4	3	.....
24	59.09	57.59	21	28.5	86	70	WSW 1	SW 3	4	5	.....
25	57.42	55.42	25	27.5	88	68	WSW 1	SW 1	9	10	.....
26	57.27	56.76	25.3	29.5	74	64	SE 4	SW 3	9	3	.....
27	58.85	58.66	22.5	28.3	82	70	WSW 1	ESE 2	3	3	.....
28	60.11	58.97	24.4	28	84	74	WNW 1	NNE 1	4	2	1.5
29	60.27	59.38	22.5	27.4	89	78	WNW 1	NE 1	2	3	1.8
30	60.32	59.42	23.9	28.5	92	67	WSW 1	NE 1	9	5	.....
31	60.71	59.95	24.8	28	85	68	WNW 1	NNE 2	7	9	.....
Mean	59.56	58.59	24.4	27.9	85.3	74.4	2.2	2.6	7.6	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46.7

YAP, WESTERN CAROLINES.

[$\phi = 9°\ 29'$ N; $\lambda = 138°\ 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, −1.87 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	58.32	57.48	25.5	32.5	92	66	E 2	E 2	10	6	13
2	58.62	57.59	26.1	32	88	68	E 2	E 2	7	7	.....
3	59.02	58.28	25.4	27.5	92	88	Calm	Calm	9	10	26.7
4	58.47	56.99	24.6	24.6	99	95	Calm	Calm	10	10	8.4
5	58.08	57.40	25.6	28.6	87	77	Calm	SW 2	10	10	1.3
6	57.88	57.09	23.7	30.5	97	75	Calm	Calm	4	9	.3
7	57.17	55.95	24	32	94	67	Calm	N 2	4	8	.....
8	57.12	57	24.1	22	95	96	Calm	WSW 2	10	10	33.3
9	57.54	56.60	24.5	31.5	96	73	Calm	E 2	10	9	5.6
10	57.37	56.71	25	30.5	92	69	E 2	E 2	10	10	5.1
11	58.63	58.06	24.5	28	96	81	E 2	E 2	10	10	14.3
12	58.17	56.59	25	30.5	83	69	E 2	ENE 2	7	10	2.5
13	57.96	57.12	25.5	30.6	89	74	E 3	E 2	10	8	12
14	57.77	57.45	26.1	31.5	83	70	E 2	E 2	6	8	9.7
15	58.26	57.36	24.5	32	94	70	Calm	E 1	9	6	2.8
16	57.77	57.29	25.5	31.1	87	66	NE 2	ENE 3	5	7	.8
17	57.37	56.18	24.9	31.4	84	64	NE 2	NE 2	10	8	2.8
18	56.77	55.98	24.2	27.6	98	81	Calm	ENE 3	10	10	6.7
19	56.86	55.18	25	30	92	78	E 2	ENE 2	9	10	18.5
20	57	56.08	24	30	96	78	Calm	E 2	10	10	6.6
21	56.80	55.53	24	30.2	94	78	Calm	E 2	8	6	.5
22	55.92	55.47	25.9	30.5	93	78	E 2	E 2	10	10	5.9
23	56.24	55.31	25.5	31.7	92	71	Calm	E 2	8	9	4.6
24	56.27	54.81	24.7	30.1	93	75	Calm	E 2	7	10	7.6
25	55.73	54.81	25.1	29.6	92	78	E 2	E 3	10	10	15.5
26	56.29	55.90	24.5	30.1	96	74	Calm	Calm	10	10	.5
27	56.76	55.91	25.6	31.2	83	65	E 2	E 3	10	2	1.8
28	56.93	55.73	24.6	31.1	95	68	E 2	E 2	9	3	1.3
29	56.65	56.61	25.4	28	93	88	Calm	Calm	8	10	20.6
30	57.25	56.78	23.6	25.9	98	94	Calm	Calm	7	8	32.3
31	57.68	56.94	24	32.2	97	65	Calm	NE 2	7	7	1.5
Mean	57.38	56.52	24.9	29.8	92.3	75.5	0.9	1.7	8.5	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	262.5

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	58.64	57.97	24.5	31.9	96	62	Calm	E 1	10	3	0.3
2	58.87	57.67	23.9	30.5	93	66	Calm	NE 2	7	10	9.9
3	58.56	57.46	26	30.8	82	70	E 2	ENE 2	10	7	.....
4	58.96	56.84	25	31.4	83	66	Calm	NE 2	9	6	20.6
5	57.04	55.55	24	28.6	97	88	ENE 2	Calm	9	10	8.4
6	56.33	54.75	24.6	28.1	92	90	E 2	ESE 1	10	10	14.2
7	55.60	54.60	25.5	30.4	88	76	E 2	EbyS 2	10	10	6.0
8	56.63	55.56	24.9	31	95	73	EbyS 1	ENE 2	10	8	3.6
9	57.38	56.75	25.5	30	96	79	Calm	E 2	10	9	9.2
10	58.17	57.65	26.1	30.1	91	80	E 2	E 2	10	8	1.3
11	58.63	57.72	25	27.1	91	91	Calm	Calm	9	10	4.6
12	58.46	57.80	25	30.5	92	72	Calm	E 1	10	10	.8
13	58.33	57.25	24.6	29.7	95	73	Calm	Calm	8	10	.....
14	57.99	56.51	24	29.7	96	78	Calm	Calm	9	10	7.4
15	57.99	56.48	24.5	27	93	88	NE 1	E 2	10	10	23.7
16	58.09	57.25	24.5	30.7	92	74	Calm	NEbyE 1	10	7	.8
17	57.62	56.45	24	29.5	92	77	Calm	ENE 2	7	10	.....
18	56.50	55.65	25	25.1	92	92	Calm	Calm	10	10	9.2
19	55.99	55.05	24	24	96	97	Calm	Calm	10	10	11.5
20	56.44	55.13	25	29	96	82	Calm	SE 1	8	9	3.6
21	56.03	56.16	25.8	29.3	93	72	SSW 2	SW 3	10	10	.....
22	58.27	57.48	25.4	31.1	88	71	Calm	Calm	7	8	2.5
23	59.01	58.08	26.1	30.7	89	71	EbyS 1	ESE 1	9	9	.....
24	59.98	59.15	25.7	30.4	93	67	E 2	EbyN 2	10	10	.....
25	59.84	58.24	25.1	32	90	68	Calm	NNE 1	10	10	.8
26	59.69	57.19	24	29.1	98	83	NE 1	NNE 2	10	9	27.2
27	58.29	57.21	24	31	96	69	ENE 2	NNE 2	10	9	23.6
28	58.02	57.04	24.1	29.7	98	76	Calm	E 3	10	10	4.3
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.91	56.81	24.8	29.6	92.6	76.8	0.7	1.3	9.4	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	193.8

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.31	56.11	25.4	31.1	88	69	NE 2	ENE 3	9	8	0.3
2	58.58	57.19	25.6	31	84	69	E 2	E 3	9	10	1.5
3	59.18	58.26	26	28	89	85	ENE 3	E 3	10	10	7.1
4	58.73	57.96	26	31.6	84	72	E 3	E 2	9	7	2.5
5	59.66	56.77	25	29	91	74	NE 3	E 3	9	10	2.8
6	58.79	58.55	26	31	91	72	E 3	E 2	10	9	1.3
7	59.32	57.94	25.6	31.2	84	72	E 2	ENE 2	9	10	8.9
8	59.02	58.40	25	30.6	96	71	Calm	E 2	10	10	3.8
9	59.22	57.26	23.7	31.6	85	59	Calm	ENE 2	8	4	.....
10	58.48	57.57	24.1	30.6	87	65	Calm	NE 2	9	8	.5
11	58.88	57.41	25.1	29.6	91	74	NE 2	NE 2	6	9	17.3
12	58.10	57.06	24.1	30.5	86	67	NE 2	ENE 2	6	8	.....
13	58.43	57.19	23.5	31.4	91	63	Calm	E 2	2	2	.....
14	59.27	58.36	23.8	30.7	89	76	Calm	E 2	6	10	.3
15	59.38	53.69	25.4	31.6	85	68	E 1	E 2	8	9	.5
16	59.23	58.15	25.5	30.1	88	74	Calm	SE 1	8	9	8.8
17	59.21	58.99	24.9	24.6	97	96	Calm	Calm	10	10	26
18	59.88	58.55	24	31.6	97	68	Calm	E 2	7	7	.....
19	59.82	57.94	23.3	31.5	94	65	Calm	Calm	7	6	.3
20	58.63	57.41	23.5	30.5	95	62	Calm	Calm	4	7	.....
21	58.53	57.14	24.5	31.1	96	68	Calm	Calm	7	4	.....
22	58.07	56.85	24.7	32	92	64	Calm	Calm	2	4	.....
23	58.51	57.29	24.9	31.6	92	72	Calm	E 1	7	9	.....
24	58.28	57.26	25.3	31.3	93	71	Calm	NE 2	10	10	3.3
25	58.63	58.30	25.5	27	93	88	E 2	ENE 3	9	10	2.5
26	58.96	57.86	25.9	31.8	86	67	E 2	NEbyE 1	7	7	.....
27	58.73	57.51	25.5	32.1	88	66	ENE 2	ENE 2	6	8	.8
28	57.76	56.44	24.7	30.6	90	68	Calm	E 2	6	8	5.1
29	57.96	57.39	24.3	29.3	95	73	Calm	NE 2	10	9	3
30	57.98	56.82	25.8	29.6	88	74	ENE 2	NE 3	10	10	3
31	58.69	57.01	24.9	30.6	89	71	ENE 2	ENE 2	6	7	4.8
Mean	58.75	57.60	24.9	30.5	90.1	71.1	1.1	1.8	7.6	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.79	56.46	25.3	27.5	86	82	NE 2	NE 2	5	10	6.6
2	57.06	56.38	25	23.8	92	92	Calm	NE 1	10	10	76.2
3	56.54	55.07	24.5	28.6	93	80	E 1	NEbyE 2	10	10	.3
4	56.78	55.16	24.5	28.5	89	74	NE 2	NEbyE 2	10	10	.....
5	56.68	55.31	24.6	29.6	87	74	ENE 1	NE 2	9	9	1
6	55.64	54.20	23.8	29.4	95	75	Calm	ENE 2	8	8	7.6
7	55.30	53.78	23.5	25.9	96	89	Calm	ENE 2	10	10	25.2
8	54.50	53.18	25.4	24	89	92	NEbyN 2	NE 4	10	10	20.1
9	52.92	52.08	26.6	25.4	85	93	NE 4	E 5	10	10	17
10	54.38	55.69	26.5	23	89	96	ESE 3	SSE 2	10	10	47
11	56.42	55.80	26.8	27.2	83	84	SSE 2	SSE 2	9	10	.3
12	57.68	56.48	26	27.1	84	83	SE 1	Calm	7	9	1.5
13	57.63	57.61	24.2	23.7	97	97	Calm	Calm	2	10	46
14	58.03	56.22	23.8	29.9	97	76	Calm	NE 1	6	8	.3
15	57.77	56.05	24.9	31	96	62	Calm	WSW 1	0	7	.....
16	57.04	56.08	25.1	31.2	95	71	Calm	W 1	3	9	16.3
17	57.47	56.56	24.5	29.8	96	73	Calm	Calm	9	10	1.3
18	58.24	57.39	24.1	28.5	96	78	Calm	N 1	9	9	.6
19	58.86	56.88	24.8	29.6	93	72	Calm	E 2	7	8	3.6
20	58.72	57.47	25.4	28.6	88	78	Calm	Calm	6	9	6.6
21	58.49	57.61	25.1	30	95	75	Calm	E 1	9	8	6.1
22	58.34	57.50	25	30.1	92	68	Calm	ENE 2	4	7	21.1
23	59.05	57.84	24.8	28.5	97	70	NE 1	E 2	10	10	2.8
24	59.57	58.45	26	27	89	88	Calm	NE 1	10	10	3.3
25	60.06	58.33	26	30.5	84	68	ENE 2	ENE 2	7	6	.8
26	58.61	57.59	25	30.6	92	71	Calm	Calm	5	8	10
27	57.86	56.49	25	29.5	90	75	Calm	EbyN 2	4	8	.....
28	57.66	56.68	25	30.1	91	65	Calm	ENE 2	4	7	.5
29	58.13	57.33	26.2	30.3	85	71	ENE 1	EbyN 2	5	6	.3
30	58.24	57.19	25	29.1	86	68	ENE 1	ENE 1	8	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.38	56.30	25.1	28.3	90	78	0.8	1.6	7.2	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	322.4

YAP, WESTERN CAROLINES.

[$\phi = 9°\ 29'$ N; $\lambda = 138°\ 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, −1.87 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.90	56.41	25.9	30.3	85	69	E 2	EbyN 2	8	7	.....
2..	57.15	56.07	26.2	28.6	85	77	NE 2	E 2	9	10	1
3..	57.56	56.79	26	29.5	80	71	ENE 2	ENE 2	10	10	.3
4..	57.67	57.81	26.7	28.6	85	70	ENE 2	E 2	10	10	7.1
5..	59.24	57.61	25.5	30	92	69	Calm	Calm	10	10	5.8
6..	57.84	56.47	26	28.8	89	76	NE 2	ENE 3	10	8	1.6
7..	57.28	55.90	26.1	30	87	71	NE 2	E 2	8	6	1.8
8..	56.78	55.90	25.5	29.6	92	75	ENE 2	E 2	8	9	.8
9..	56.30	56.31	25.2	30.5	95	75	ENE 2	E 2	10	9	7.9
10..	57.78	57.46	26	28	90	77	E 2	ESE 2	9	10	7.1
11..	58.66	57.18	25.5	30.4	96	73	Calm	E 2	6	8	7.2
12..	58.27	56.33	26.8	29.6	83	77	EbyN 3	E 3	10	10	.....
13..	58.13	57.69	26.7	29.6	83	71	EbyN 2	E 2	8	9	.....
14..	57.97	56.99	26.7	30.5	85	69	ENE 2	ENE 2	4	8	.....
15..	57.78	55.74	25.7	27.6	93	84	Calm	NNE 2	10	10	7.1
16..	56.57	55.39	24.8	28.1	96	82	ENE 2	E 2	10	10	4.8
17..	55.98	55.43	26.2	25	89	96	E 2	EbyN 2	10	10	10.2
18..	55.18	54.16	26.2	29.5	90	77	E 3	E 3	10	10	7.2
19..	55.45	54.37	24.2	28.5	94	78	Calm	NW 1	10	10	4.1
20..	54.43	54.61	26.5	29.2	88	80	WNW 2	SW 2	10	10	2.5
21..	56.25	56.16	25.8	29.6	89	75	SbyW 1	S 2	10	8	.....
22..	57.86	57.23	27	29.6	88	78	SEbyE 1	Calm	9	9	.8
23..	58.13	56.74	26.7	29.5	91	75	Calm	Calm	9	5	.....
24..	57.86	56.69	25.6	27.1	94	87	Calm	Calm	5	10	2.1
25..	57.79	57.20	25.4	31.5	97	60	Calm	Calm	10	9	.....
26..	59.11	58.01	26	27.4	89	89	Calm	Calm	7	10	6.6
27..	58.94	58.13	26.2	30	90	75	Calm	Calm	3	8	.5
28..	58.82	58.10	25.6	30.6	92	64	Calm	Calm	4	7	.....
29..	58.67	58.05	26.5	29.6	88	77	Calm	ESE 1	8	8	.8
30..	59.30	57.89	25.6	28.5	91	78	Calm	E 2	4	10	.8
31..	59.01	58.44	25	28.4	90	80	Calm	E 1	5	10	5.4
Mean	57.60	56.69	25.9	29.2	89.5	76	1.2	1.5	8.2	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.28	58.70	25.5	25.8	89	92	SEbyS 2	Calm	10	10	32
2..	58.67	57.79	25.1	29.7	92	73	Calm	E 2	3	8	.3
3..	58.58	57.36	26	29.5	88	70	Calm	Calm	7	6	.5
4..	58.71	57.19	26.5	28.5	89	76	Calm	E 1	8	8	6.6
5..	58.07	56.23	25.2	31.4	91	72	Calm	Calm	10	7	4.1
6..	56.97	55.38	25.5	30.6	93	72	Calm	ENE 1	5	8	24.7
7..	57.21	56.41	24	28.9	96	78	E 1	NNE 2	10	10	1.3
8..	57.49	57.28	25	26.5	96	89	Calm	ESE 2	8	10	4.8
9..	57.99	58.27	25.8	29	86	74	SSE 2	S 2	10	10	4.6
10..	59.01	58.09	25.6	28.6	93	80	Calm	Calm	10	9	14.5
11..	59.02	57.83	24	31	96	69	Calm	Calm	10	9	6.1
12..	59.23	58.43	25.6	26.3	94	86	Calm	SW 2	10	10	10.7
13..	59.92	58.70	24.7	29.5	97	72	Calm	Calm	9	10	.....
14..	59.11	57.79	25.4	28.9	93	75	Calm	Calm	4	8	.....
15..	59.16	58.17	25.5	32.2	90	68	Calm	Calm	9	9	.5
16..	59.09	58.19	25.5	30.3	92	73	Calm	Calm	7	8	11.5
17..	59.09	57.40	26	29	97	72	Calm	Calm	10	10	4.6
18..	58.41	57.28	25.5	27.5	92	78	Calm	ENE 2	8	10	2.8
19..	58.73	57.85	25.6	30.3	95	73	Calm	E 2	8	8	3.8
20..	59.21	56.96	25.4	29	93	81	Calm	Calm	6	9	.8
21..	57.62	56.88	26.5	30.5	91	72	ENE 1	E 1	7	7	2.8
22..	57.66	56.04	24.8	29.1	95	71	Calm	E 2	10	9	.....
23..	56.53	55.52	24.5	29.6	93	78	Calm	NNW 1	9	10	21.6
24..	52.94	52.43	24.5	27.5	97	84	WSW 2	SW 3	10	10	20.1
25..	54.08	53.88	24.5	25.5	96	92	Calm	Calm	10	10	8.9
26..	55.88	56.08	24.6	26.6	94	77	Calm	SW 2	10	10	2.3
27..	56.74	55.87	25.4	28.6	93	83	Calm	Calm	10	10	.....
28..	56.38	55.33	25.8	31.5	89	70	Calm	NNE 1	7	8	.8
29..	56.05	55.06	25.9	30.5	88	75	Calm	ENE 2	10	10	8.9
30..	55.47	54.21	25.5	30.5	90	68	Calm	NE 2	10	8	16
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.74	56.75	25.3	29.1	92.6	76.4	0.3	1	8.5	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct*			*0–10*	*0–10*	*mm.*
1..	55.92	54.92	25.3	28.5	93	81	Calm	E 1	10	10	61
2..	56.73	55.28	24.6	29.5	95	74	Calm	Calm	10	8	.5
3..	56.25	55.23	25.5	29	93	75	Calm	SW 2	10	10	128
4..	55.94	55.47	24.1	26.1	95	87	SW 3	SW 3	10	10	42.7
5..	55.24	54.51	24.5	27.6	87	77	SW 4	WSW 3	10	10	65.1
6..	55.42	54.83	23.8	23.5	94	95	W 3	W 4	10	10	61.5
7..	53.25	51.73	24.9	27.6	92	80	WSW 5	WSW 5	10	10	20.1
8..	53.14	54.51	26.1	24.5	83	92	SW 5	SW 5	10	10	23.9
9..	56.65	56.49	26.9	29.6	81	74	SW 3	SSW 2	9	8	.....
10..	58.33	57.79	26.7	30	86	75	S 1	S 1	4	4	.....
11..	59.13	58.39	26	29.3	94	76	Calm	Calm	8	8	.....
12..	59.23	58.44	26	31	92	69	Calm	Calm	8	7	.....
13..	58.88	57.89	26.3	31	90	67	Calm	Calm	10	8	.....
14..	58.76	57.92	26.3	29.3	85	71	Calm	WSW 1	10	10	.....
15..	58.73	57.44	26.2	31.3	90	70	Calm	WSW 1	10	10	.....
16..	58.67	57.76	26.1	31	91	69	WSW 1	Calm	8	7	11.2
17..	59.12	57.60	25.5	30	93	75	Calm	WSW 2	10	8	.5
18..	58.21	57.28	26.5	24.1	88	95	WSW 2	WbyN 3	9	10	23.9
19..	57.93	57.57	25	28	89	82	WSW 2	WSW 1	10	10	9.1
20..	58.40	57.75	25	28.3	88	85	Calm	Calm	10	10	29.2
21..	57.87	55.99	24.8	30.6	92	71	WbyS 2	WbyS 2	10	9	4
22..	56.17	55.01	26	29	89	79	WSW 2	W 2	9	9	9.7
23..	55.75	55.52	26	29	88	78	SWbyW 3	SW 2	10	10	1.3
24..	57.18	56.69	24	29.6	91	71	Calm	SW 2	10	10	4.9
25..	58.18	57.59	25.3	29.5	89	72	Calm	SSW 1	8	9	.3
26..	58.57	58.10	25.5	29.1	84	71	Calm	Calm	7	7	.....
27..	59.47	58.19	24.5	29.5	87	64	Calm	Calm	7	9	.....
28..	59.05	58.12	23.5	30.5	92	65	Calm	NNE 1	4	3	.....
29..	59.02	57.89	24.9	28	87	77	Calm	Calm	1	9	.....
30..	58.79	57.92	25.1	32.5	89	65	Calm	Calm	2	7	.....
31..	59.13	57.83	25.1	30.5	91	70	Calm	Calm	6	8	.....
Mean	57.52	56.70	25.4	28.9	89.6	76.1	1.2	1.4	8.4	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	496.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P ct.*			*0–10*	*0–10*	*mm.*
1..	58.01	57.23	25.3	31.1	91	68	Calm	WSW 1	3	7	6.9
2..	58.06	56.91	25.4	29.4	88	72	SW 2	WSW 2	10	8	3.3
3..	58.37	58.06	26.4	28.8	86	76	Calm	WSW 2	7	9	2.5
4..	58.74	57.24	25.9	29.5	88	71	SW 1	SWbyW 2	10	8	.....
5..	58.13	56.56	25.9	27.7	89	88	SW 1	WSW 2	6	9	7.4
6..	57.31	56.19	25.4	28.5	93	81	Calm	Calm	7	9	56.4
7..	56.80	56.51	24.5	25	96	96	Calm	Calm	10	10	19.6
8..	57.94	56.50	24.2	27.5	98	77	Calm	SW 1	10	10	15.5
9..	58.30	57.31	24.6	30.2	98	74	Calm	Calm	10	10	.3
10..	58.23	57.95	25	29	92	82	Calm	Calm	3	10	.5
11..	58.48	58.19	26	29	84	74	SW 2	WSW 2	10	10	16.8
12..	58.59	58.01	24	30.5	96	72	Calm	W 2	10	9	26
13..	58.92	57.66	24.2	26.2	98	90	Calm	Calm	10	10	34.5
14..	57.57	56.64	24	30.4	96	73	NW 2	Calm	10	10	1
15..	57.84	56.81	24.5	28.5	94	75	Calm	SbyE 2	10	10	1.5
16..	58.73	57.94	24.6	30.6	93	70	Calm	Calm	8	8	.....
17..	59.16	57.06	25	31.8	92	66	Calm	SW 2	9	8	8.9
18..	57.78	56.59	23.6	24.5	97	89	Calm	Calm	10	10	76.2
19..	57.78	57.56	23.6	26.5	95	90	Calm	WSW 1	10	10	24.4
20..	58.44	57.94	23.8	30.9	97	70	Calm	WSW 2	10	9	4.8
21..	58.93	58.10	24.3	29.2	94	74	Calm	SW 1	10	9	.....
22..	57.77	57.49	25	29.9	92	75	Calm	SWbyW 2	8	9	.....
23..	57.36	56.36	26.4	28	85	81	SWbyW 2	SWbyW 2	9	10	38.6
24..	56.80	55.64	24.8	28.1	89	80	WSW 1	WSW 2	10	10	39.4
25..	56.82	56	24.5	28.6	92	79	WSW 2	WSW 2	10	10	16
26..	56.04	.....	25.1	....	92	....	Calm	.....	8	....	1.3
27..	55.84	55.26	25	30	93	73	Calm	WSW 1	10	10	.5
28..	57.04	56.52	25.4	27	93	86	Calm	Calm	10	10	5.6
29..	57.24	56.46	25.5	29	93	81	Calm	Calm	10	10	6.8
30..	57.41	56.41	25.5	27	96	89	WSW 2	WSW 2	10	10	15.7
31..	56.58	55.92	25.6	25.6	93	91	WSW 2	SWbyW 2	10	10	23.4
Mean	57.77	56.97	24.9	28.6	92.7	78.8	0.5	1.2	9	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	453.8

YAP, WESTERN CAROLINES.

[$\phi = 9°\ 29'$ N; $\lambda = 138°\ 08'$ E; barometer above sea, 31.85 meters; gravity correction not applied, —1.87 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.10	56.42	24.5	29	96	81	WSW 2	SW 2	10	9	26.6
2	57.99	56.91	25	28.6	92	80	WSW 2	WSW 2	10	10	37.8
3	57.19	56.60	26	29	89	78	SW 2	SW 3	10	10	.5
4	57.23	56.04	26	30	89	75	SW 2	SW 3	9	8	1
5	58.12	56.75	26.1	29.9	87	75	Calm	SW 2	9	10	.....
6	58.13	56.61	25.5	29.1	89	78	Calm	SW 1	8	8	.....
7	58.47	56.48	26.2	31.1	94	68	SW 1	SW 2	9	8	.....
8	57.99	56.76	25.6	29.1	87	74	Calm	SW 2	8	8	.....
9	58.78	58.56	25.6	30	89	72	Calm	SW 2	10	10	.....
10	59.67	58.69	26.1	31	87	62	Calm	Calm	10	5	.....
11	60.89	58.99	25.8	29.7	89	70	Calm	Calm	4	7	.....
12	60.06	58.60	25	31.2	92	68	Calm	Calm	4	10	.....
13	59.26	58.57	26.7	26.6	86	83	Calm	Calm	10	10	17
14	59.07	58.38	25	30.5	88	72	WSW 1	SW 2	7	8	7.6
15	59.87	58.86	24.6	30.9	92	67	Calm	SW 2	8	7	3.3
16	59.44	58.85	24.9	30.5	92	70	Calm	WSW 1	9	9	.....
17	59.83	58.38	25.5	30.5	92	70	Calm	Calm	9	9	9.4
18	58.82	57.46	25.6	29.6	95	75	Calm	WSW 2	10	10	7.9
19	59.70	57.29	24	29	95	75	WSW 1	WSW 2	10	10	20.3
20	58.27	55.76	25	29	95	71	Calm	SW 2	10	10	1.5
21	57.19	56.82	25	25	96	92	Calm	Calm	10	10	36.1
22	59.39	58.01	23.7	29.6	94	71	SSW 1	SW 2	10	9	5.1
23	59.14	58.11	25.2	30.7	96	74	Calm	Calm	10	10	.8
24	59.33	58.85	25	29.1	92	78	Calm	Calm	10	10	1
25	59.68	57.55	25	31	92	72	Calm	N 1	8	7	1
26	57.56	56.59	25	30.5	92	76	Calm	NNE 1	8	10	14
27	56.86	55.90	25	30	97	73	Calm	WSW 1	9	8	2
28	57.58	56.16	26	30	85	75	Calm	SSW 1	5	7	1.8
29	57.49	56.36	24.9	31	93	69	Calm	SW 2	6	7	9.7
30	58.03	57.05	24.5	31.6	89	66	Calm	Calm	7	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.60	57.41	25.3	29.8	91.4	73.7	0.4	1.3	8.6	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	204.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.84	57.33	25.4	32.2	92	61	Calm	Calm	5	4	.....
2	58.98	56.84	25.6	31.6	88	67	Calm	NW 1	3	6	.....
3	59.19	57.74	25.3	29.4	89	72	Calm	WNW 1	9	9	.....
4	59.33	58.58	26.6	31.6	84	65	Calm	NNW 2	7	7	.....
5	59.18	57.16	26.5	29.5	86	79	Calm	NNW 2	10	9	7.6
6	57.88	56.48	25	29.5	96	75	Calm	Calm	10	8	.....
7	57.28	56.05	25.1	29	95	72	Calm	Calm	10	10	1.5
8	58.01	56.33	25	30.5	96	73	Calm	Calm	10	8	.....
9	57.61	55.95	25.6	29.8	91	74	Calm	WSW 2	5	8	7.9
10	55.96	54.88	24.6	25.6	96	88	WSW 1	WSW 2	10	10	57.4
11	54.99	53.88	23.8	25.9	97	93	WSW 2	SW 3	10	10	22.6
12	55.57	55.03	26	29	89	76	SW 3	SW 3	10	10	7.1
13	56.44	55.37	26.6	30.6	83	69	WSW 3	SW 3	10	8	.....
14	55.97	55.34	26.5	29.6	88	71	WSW 2	WSW 2	8	8	24.2
15	57.59	56.26	24	30	95	75	Calm	WSW 1	10	7	.5
16	57.28	56.80	26	31	85	69	WSW 1	wbyN 1	6	8	1
17	57.22	55.76	26.4	26.1	93	91	Calm	Calm	10	10	51.8
18	55.60	53.59	24	27	91	88	W 2	WNW 3	10	10	16.5
19	54.37	53.53	25.1?	29.2	72?	74	WSW 2	SW 3	10	10	13.7
20	56.65	56.22	22.6	29.7	96	73	Calm	SSW 2	10	9	2
21	58.99	58.35	25.8	29.7	90	72	Calm	Calm	10	10	1.8
22	59.94	58.28	25.1	30.5	95	72	Calm	Calm	6	8	.....
23	59.36	58.04	24.8	29.3	97	73	Calm	E 2	5	8	3.8
24	59.76	58.35	24.5	30.3	92	70	Calm	E 1	3	6	.....
25	59.59	58.60	24.3	29.5	93	73	Calm	E 2	2	7	.....
26	60.77	59.29	24.7	30.4	90	74	Calm	ENE 2	2	8	.....
27	60.16	58.98	25.4	29.7	88	73	ENE 1	ENE 2	8	7	.3
28	59.59	57.88	26	30.5	88	72	NE 1	NE 2	6	9	.....
29	58.74	57.16	25.4	30.1	93	71	Calm	E 2	5	7	.3
30	58.72	57.48	24.6	29.5	96	73	Calm	E 2	4	8	.5
31	58.79	57.59	24.9	31	92	69	Calm	NE 2	1	8	.5
Mean	58.01	56.75	25.2	29.6	90.8	74.1	0.6	1.5	7.3	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	221

NOVEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.94	56.68	24.9	30	96	71	Calm	NE 2	9	8	.....
2	57.48	56.56	25.3	29.5	92	79	Calm	ENE 2	4	7	.....
3	57.59	56.88	25	31	92	69	NE 2	E 2	8	8	12.7
4	57.96	56.95	26	27.8	96	86	E 2	ENE 2	8	10	1.8
5	58.33	57.35	26.4	29.8	90	73	E 1	NE 2	9	10	.5
6	58.34	56.79	25.7	29	91	82	NE 1	ENE 2	8	10	4.6
7	57.83	56.90	26	28.6	93	77	Calm	NEbyE 2	8	7	5.1
8	57.56	56.74	26.3	30	90	73	EbyN 2	NE 3	10	7	1.3
9	57.63	56.55	26.6	30	84	75	NE 3	ENE 3	9	9	4.3
10	58.21	56.60	26	27	95	92	Calm	ENE 2	10	10	10.9
11	57.63	56.81	25.9	27	90	84	NE 1	NE 2	7	10	5.6
12	57.72	56.50	25.8	29.7	85	71	NE 2	ENE 2	8	9	.....
13	57.62	.....	26	....	84	....	NE 2	.....	7	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	57.26	....	28.1	....	82	.....	Calm	....	10	[b]54.9
19	58.89	58.25	24.6	28	92	82	Calm	E 2	10	9	16.3
20	59.69	58.89	24.8	30	93	71	Calm	ENE 2	5	8	.3
21	59.21	58.40	25.3	30.3	89	70	Calm	E 2	4	6	.....
22	58.63	57.76	25.8	30	89	75	NE 1	E 2	3	7	2
23	59.14	58.28	25	30.5	96	72	Calm	Calm	10	4	.3
24	59.26	58.50	25.1	30	95	75	Calm	E 2	4	8	1.3
25	59.51	57.89	25.1	29.7	91	73	Calm	NE 2	7	7	2.5
26	58.93	57.91	24.8	30.5	94	75	Calm	E 2	8	6	.8
27	58.79	57.19	25.7	31	93	69	NE 1	NE 2	4	7	2.5
28	57.96	57.26	25.8	24.9	89	97	Calm	E 2	9	10	26.7
29	57.74	56.40	25.7	30	90	75	ENE 2	ENE 3	9	10	31.7
30	57.46	56.46	25.3	25.3	97	93	E 1	ESE 1	10	10	9.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.28	57.27	25.6	29.1	91.4	77.6	0.8	1.9	7.5	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.22	57.29	24.5	26	96	96	Calm	E 2	10	10	30.2
2	58.22	57.75	26	30	91	78	SE 2	Calm	9	7	1.3
3	58.83	57.39	25.5	30	93	78	Calm	Calm	7	8	3
4	58.24	57.24	25.5	30	93	75	Calm	ENE 2	7	8	.5
5	58.54	57.50	25.6	28	92	82	NE 2	NE 3	10	9	3.8
6	58.77	57.46	25.2	30.4	94	73	ENE 3	ENE 3	10	8	1.6
7	58.69	57.70	26	29.6	89	71	ENE 1	E 2	7	7	.....
8	58.03	57.14	26	30	84	71	ENE 2	E 2	6	8	3.3
9	57.74	56.74	26.2	29.5	85	70	ENE 3	ENE 2	10	10	1
10	57.03	56.22	27	28.5	78	83	NE 3	NE 3	10	10	1.5
11	57.22	56.16	26.9	29.7	81	71	ENE 3	ENE 3	10	9	.....
12	58.14	56.65	25.5	29.9	88	75	ENE 1	ENE 2	9	9	1.3
13	58.71	57.17	24.2	29.7	91	70	Calm	NE 2	9	5	.8
14	58.47	57.11	25.6	29.1	84	74	ENE 2	NE 3	8	10	3.5
15	57.66	56.79	25.5	29.1	91	81	NE 1	ENE 2	6	10	.3
16	57.58	56.99	26	29	78	77	NE 2	EbyN 3	8	8	1
17	58.39	56.64	25.5	30	89	71	ENE 2	NE 3	7	7	.3
18	57.79	56.91	26	28.6	89	79	NEbyE 2	NE 3	8	9	1.3
19	57.54	56.29	26	27.6	75	84	NE 2	E 3	10	10	12.2
20	56.26	53.99	23.7	26	94	91	ENE 3	ENE 3	10	10	46.5
21	54.98	54.12	26	26	92	96	EbyS 4	SE 2	10	10	15.3
22	57.63	57.16	25.6	29.6	93	74	SE 1	SE 2	10	5	13.5
23	58.96	58.30	26.5	30.3	86	71	ESE 1	ESE 1	8	7	.....
24	58.97	57.99	25	30	92	69	Calm	ENE 1	7	4	.....
25	58.98	56.87	23.5	31	91	65	Calm	Calm	2	2	.....
26	58.02	56.83	24.2	30	85	69	Calm	Calm	2	7	.....
27	58.88	58.52	24.5	30.4	96	66	Calm	ENE 1	3	6	2.8
28	60.01	58.19	25.2	30	86	64	ENE 2	ENE 2	7	1	.3
29	59.02	58.04	26	29	81	71	NE 2	NEbyE 3	10	8	1.3
30	58.81	57.89	24.5	29.2	96	77	Calm	E 2	3	7	4.3
31	58.93	58.66	25.5	30	93	71	E 2	E 2	7	6	.....
Mean	58.17	57.09	25.4	29.2	88.6	75.6	1.5	2	7.7	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.9

[a] Temporarily closed on November 14 to 17.

[b] Amount of rainfall from the 13th to the 18th.

IWAHIG.

[$\phi = 9°\ 44'$ N; $\lambda = 118°\ 38'$ E; barometer above sea, 4.26 meters; gravity correction not applied, —1.86 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.92	57.68	22.2	27.8	96	76	Calm	E 3	10	10	3.4
2..	58.60	57.84	22.4	30	96	71	SW 2	ESE 4	7	7	.8
3..	57.92	57.30	21.7	29	97	74	WSW 2	E 4	6	7	14.7
4..	58.39	58.49	22.7	23.3	96	92	Calm	E 2	10	10	24.1
5..	58.64	57.38	23.2	23.7	95	97	ENE 4	ESE 4	10	10	86.6
6..	58.10	57.79	22.7	26.5	97	82	ESE 2	S 2	10	9	5.3
7..	57.81	56.91	20.8	28.3	96	74	WSW 2	E 4	4	7	.....
8..	57.73	57.54	25.2	26.7	87	71	ENE 5	ENE 5	10	9	.....
9..	58.59	57.80	20.9	28.2	96	66	ENE 3	ENE 5	5	8	.....
10..	58.92	57.82	20.4	28.4	94	70	WSW 2	E 4	5	8	.....
11..	58.89	58.30	22.4	29	94	68	Calm	ENE 4	7	8	.....
12..	58.57	57.55	21.3	29.2	97	70	SW 2	ENE 4	6	9	1.3
13..	57.74	57.20	20.8	30.2	97	66	SW 2	E 4	4	8	.....
14..	57.64	57.08	21.5	30.3	95	63	SSW 2	E 4	5	8	.....
15..	58.24	58.20	23.4	29	95	71	Calm	E 5	9	8	.....
16..	58.75	57.60	22.7	28.6	96	71	Calm	ENE 4	8	8	.....
17..	58.86	57.41	23.3	26.8	92	74	SW 2	E 3	10	9	1.5
18..	57.68	57.03	22.4	27.9	96	71	SW 2	ESE 3	10	9	.....
19..	57.39	56.64	22.6	30.1	96	68	Calm	ESE 3	9	4	8.9
20..	57.94	56.98	21.3	30.2	97	70	SW 2	E 4	3	6	3.8
21..	57.76	56.49	22.6	29.4	97	67	Calm	ENE 4	8	7	.....
22..	57.77	57.34	20.3	28.8	95	71	W 2	E 3	2	8	.3
23..	57.94	56.90	22.5	27.8	97	69	Calm	E 4	4	8	.....
24..	57.37	56.01	20.8	28.9	96	59	SW 2	NNE 3	7	8	.....
25..	56.12	55.65	22	29.1	96	68	WSW 1	E 4	10	8	.....
26..	56.93	56.84	23.6	28.3	92	66	WSW 2	E 4	9	10	.....
27..	57.05	56.59	22.3	28.1	94	68	W 2	E 3	9	9	.....
28..	57.10	56.46	21.4	27	96	77	SSW 2	ESE 3	8	10	5.1
29..	56.87	56.97	20.6	28	96	71	WSW 2	ESE 4	3	9	.....
30..	57	57.14	21.4	26.9	95	69	WSW 2	ESE 2	9	10	.....
31..	57.65	57.55	22	25.4	95	88	SW 2	SW 2	10	10	4.3
Mean	57.87	57.24	22	28.1	95.3	72.2	1.6	3.6	7.3	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160.1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.94	58.09	22.9	24.8	97	89	Calm	ENE 2	10	10	14.5
2..	57.90	57.72	23.1	27.1	96	81	SW 2	E 3	10	10	1.3
3..	57.80	57.08	23.4	27.6	97	76	Calm	ENE 3	9	9	.3
4..	57.73	56.78	23.3	27.5	97	81	WSW 2	ENE 3	9	10	6.3
5..	57.69	56.81	21.5	27.1	97	84	Calm	Calm	7	8	9.9
6..	57.51	56.65	20.9	28	97	73	SW 2	E 3	2	8	1
7..	57.30	56.32	22.2	28.1	97	65	SW 2	N 3	10	5	.....
8..	57.51	57.17	20.3	28.3	95	66	WNW 2	E 3	7	7	.....
9..	58.90	58.09	20	28.7	94	62	SW 3	ENE 3	4	7	.....
10..	58.69	58.26	20.7	27.2	95	71	WSW 2	E 2	10	10	.1
11..	58.27	57.46	21.8	28.5	95	64	SW 2	E 4	10	9	.1
12..	58.06	57.90	21.5	24.4	95	93	W 2	SW 2	4	10	32.2
13..	57.64	56.56	22.8	28.8	97	78	Calm	ENE 3	10	9	23.4
14..	57.81	57.23	23.2	27.2	95	81	W 2	E 2	8	10	34.7
15..	58.04	57.21	21.8	29.4	96	71	SW 2	E 4	3	5	2.7
16..	59.20	57.88	22.8	30.6	97	65	W 1	E 2	8	7	3.2
17..	59.74	58.64	22.4	29.3	96	72	SW 2	E 4	7	8	.....
18..	59.10	57.92	21	29.7	95	69	WSW 2	E 4	3	6	7.1
19..	59.31	58.69	21.6	26.4	95	72	SW 2	E 4	10	10	.....
20..	59.49	58.95	20.9	27.3	95	70	SW 2	ESE 3	2	8	.....
21..	59.92	59.37	20.8	27.9	94	71	SW 2	E 3	8	8	.....
22..	60.38	59.23	20.3	29.1	95	62	SW 1	ENE 3	4	7	1.5
23..	60.48	59.60	19.6	27.2	96	63	WSW 2	ENE 4	4	7	.....
24..	61.23	60.70	18.6	28.4	95	56	SW 3	E 4	2	4	.....
25..	60.70	59.75	19.2	30.3	94	54	SW 3	ESE 3	5	5	.....
26..	60.06	59.10	22.1	29.9	96	58	SW 2	ESE 4	4	2	.....
27..	60.09	60.03	20.8	29.2	96	67	SW 2	E 3	2	8	.....
28..	60.33	59.45	18.6	29.7	94	61	SW 3	E 4	2	5	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.89	58.17	21.4	28.1	95.6	70.5	1.8	3	6.2	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.07	59.09	19.5	29.6	95	63	WSW 1	E 4	1	3	.....
2..	59.86	59.43	20.9	30	95	55	WSW 2	E 4	7	6	.....
3..	61.29	60.46	20.4	30.1	94	64	SW 2	ENE 5	5	7	.....
4..	60.82	59.63	21.1	29.5	94	64	WSW 1	E 4	8	9	.....
5..	60.05	58.89	20.5	30.3	95	57	SW 2	E 4	9	7	.....
6..	59.52	59.18	20.6	29.6	94	64	SW 2	E 4	2	5	.....
7..	59.51	58.68	22	28.7	96	70	SW 1	E 3	3	7	.....
8..	58.52	57.60	21.4	30.2	96	62	WSW 1	E 4	3	3	14.7
9..	58.40	57.33	21	26.7	96	76	Calm	SSW 3	3	8	.....
10..	58.27	58	21	27.7	95	78	Calm	N 3	8	9	13.8
11..	58.58	58.19	22.5	30.2	96	59	Calm	N 3	8	7	1.3
12..	58.72	57.41	20.3	30.5	95	61	Calm	NE 3	2	5	.....
13..	58.26	57.30	19.2	31.3	96	59	Calm	E 3	2	6	5.3
14..	59.21	58.21	19.6	30.6	96	50	W 1	NW 4	2	3	.....
15..	59.30	58.11	19.2	30.5	96	51	Calm	NW 4	3	4	.....
16..	59.87	58.53	18.8	29.5	96	56	Calm	NW 4	1	8	.3
17..	59.93	59.18	22.3	30.4	96	64	Calm	ENE 3	9	5	.1
18..	60.77	59.55	20.5	29.5	96	63	WSW 2	E 3	1	4	.....
19..	60.23	59.48	20.7	30.5	97	60	SW 2	E 3	2	4	.....
20..	59.44	58.44	20.8	30	95	62	SW 2	ESE 3	1	4	.....
21..	58.12	57.19	20.6	29.6	96	62	SW 1	E 3	2	4	.....
22..	58.46	57.58	21.8	30.5	96	58	WSW 2	E 3	4	5	.....
23..	58.95	57.48	21.5	30.6	96	63	WSW 2	E 3	5	4	.....
24..	57.29	57.09	21.2	30.7	95	63	WSW 2	E 4	2	5	.....
25..	57.91	57.45	21.7	31.4	97	61	SW 2	E 4	2	3	.....
26..	58.20	57.37	21.3	32.3	94	55	SW 1	E 3	2	4	.....
27..	58.09	57.77	22.3	27.3	94	65	WSW 1	NE 4	8	10	35.6
28..	58.50	57.67	22.4	28.3	96	74	Calm	E 4	10	7	.....
29..	57.83	57.54	22.3	29.3	96	59	SW 2	E 4	10	8	1
30..	57.69	57.69	22	26.2	95	79	WSW 2	E 2	7	10	2.3
31..	58.21	58.35	23.3	23.2	94	93	SW 2	W 2	9	10	18
Mean	59.03	58.25	21.1	29.5	95.4	63.5	1.2	3.5	4.5	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	92.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.97	57.46	21.2	28	96	77	SW 2	E 3	7	9	.....
2..	58.02	57.01	21.1	30	95	67	SW 2	E 4	2	5	.....
3..	57.22	56.20	21.8	28	95	77	SW 2	E 3	4	9	12.4
4..	57.67	57.07	21.7	29	96	71	W 2	E 3	6	7	.....
5..	57.55	57.38	20.5	30	95	62	SW 2	ESE 3	5	5	.....
6..	57.34	56.19	21.7	30.6	96	60	SW 2	E 3	8	6	.....
7..	57.10	55.95	22.2	31	95	65	WSW 2	E 3	4	6	.....
8..	56.90	56.39	21.2	31.6	95	56	SW 2	ESE 3	2	2	.....
9..	57.49	57.31	20.8	30.7	95	63	SW 2	E 4	1	3	.....
10..	58.05	57	20.7	31.4	97	61	SW 2	E 3	3	5	.....
11..	57.67	56.23	20.2	32.4	96	52	Calm	N 4	5	4	.....
12..	56.94	55.59	21.3	31.6	95	53	SW 1	N 4	8	8	.3
13..	56.49	56.35	21.9	30.5	96	55	Calm	WNW 4	10	6	.....
14..	57.41	56.84	19	28.4	96	77	WNW 2	Calm 7		10	3.6
15..	57.59	56.07	21.2	31.7	95	54	W 2	NW 4	6	4	.....
16..	57.54	57.19	21.6	26.2	96	85	W 1	NE 3	2	10	6.2
17..	58.24	57.80	22	30.9	96	64	SW 2	ESE 3	3	6	.....
18..	58.85	58.55	23.1	30.3	96	62	SW 1	ENE 3	4	5	.....
19..	59.67	58.82	22.6	30.5	97	62	Calm	ESE 3	7	5	.....
20..	59.89	58.45	22	31.4	96	56	SW 1	E 3	2	2	.....
21..	59.25	58.39	20.8	30.4	94	64	SW 2	E 2	5	6	.....
22..	58.30	57.29	21.2	30.2	95	64	SW 1	E 3	4	8	.1
23..	57.48	58.09	22.8	30.8	97	64	WSW 1	ENE 3	5	8	.....
24..	59	58.68	23.7	29.4	96	71	Calm	ESE 2	8	8	6.6
25..	59.41	58.73	23.5	28.3	94	77	SW 1	E 2	9	10	.....
26..	58.28	57.68	23.1	29.7	94	71	WSW 1	E 3	7	6	7.6
27..	57.88	56.79	22	30.7	96	62	Calm	E 3	10	6	4.1
28..	57.26	56.91	22.7	28.9	97	73	Calm	SSW 2	9	9	18
29..	58.45	57.51	21.8	30.9	96	61	SW 2	E 3	8	2	.....
30..	58.38	57.74	22.7	30.5	96	63	WSW 1	ESE 3	5	8	.5
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.98	57.26	21.7	30.1	95.6	65	1.3	3	5.5	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59.4

NOTE: The barometric readings of this station seem to be somewhat too high.

IWAHIG.

[$\phi = 9°\ 44'$ N; $\lambda = 118°\ 38'$ E; barometer above sea, 13.45 meters; gravity correction not applied, —1.86 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.86	57.34	22.7	31.6	97	59	SW 2	ESE 3	2	5	8.4
2	57.14	56.39	21.7	30.2	96	73	SW 2	ESE 4	4	8	10.2
3	56.83	56.83	23.5	30.2	97	69	SW 1	E 4	8	9	8.2
4	58.26	57.97	22.8	31.2	97	71	WSW 2	ESE 3	4	6	3.9
5	58.46	57.18	23.1	30.9	96	71	Calm	ESE 3	6	7	.....
6	57.08	56.44	23.3	29.7	96	69	SW 2	E 3	4	6	.5
7	57.48	55.81	22.6	31.4	97	72	SW 2	ESE 4	5	8	.....
8	56.14	55.65	23.4	28.8	97	79	WSW 2	E 2	6	9	.....
9	56.24	55.71	22.4	31.4	95	63	SW 2	ESE 3	3	4	.....
10	57	56.65	23.2	31.8	95	64	SW 1	ENE 3	5	4	.....
11	57.54	56.75	23.4	32.3	95	55	SSW 1	E 3	7	7	.....
12	57.55	57.19	22.7	30.3	95	66	WSW 2	E 2	9	9	.5
13	56.80	57.43	21.8	26.5	96	86	W 3	ENE 3	4	10	.....
14	58.14	57.41	21.7	31.2	97	62	SW 2	SSE 3	10	8	.....
15	59.01	57.81	22.3	31.6	96	59	SW 2	ENE 3	5	6	.....
16	57.84	56.49	21.2	32.2	95	61	SW 2	ESE 4	3	4	.....
17	57.05	55.92	23	32.1	95	58	SW 1	ESE 4	4	6	.....
18	57.05	56.23	21.9	31.6	96	60	SSW 2	E 3	2	6	.5
19	57.46	56.75	22.4	31.6	96	65	WSW 2	ESE 3	2	7	.3
20	57.78	56.84	22.6	32.4	97	60	SW 2	ESE 3	1	5	.....
21	57.10	56.67	22.6	32.5	95	52	WSW 1	ESE 4	2	4	.....
22	57.76	57.08	22.5	31.3	96	63	SW 1	ESE 3	3	6	2.3
23	58.18	57.04	22.3	29.6	93	72	SW 2	SSW 3	2	9	31.7
24	57.68	57.09	22.5	26.5	96	90	WSW 1	SW 3	5	8	29.5
25	57.49	57.01	22.4	30.8	95	57	SW 1	W 4	8	8	.....
26	57.40	57.34	22	31.1	96	64	Calm	E 2	5	6	.....
27	58.88	57.62	21.8	32.8	96	42	SW 2	W 4	5	5	.....
28	59.04	57.29	21.8	31.8	95	62	WSW 2	E 2	6	8	.....
29	58.41	56.92	22.6	31.9	95	64	SW 2	ESE 3	7	4	.8
30	59.11	57.60	23	31.4	95	62	SW 2	E 3	10	5	31.2
31	58.81	57.55	21.5	30.8	95	69	SW 2	ENE 3	10	8	.....
Mean	57.70	56.90	22.5	31	95.7	65.1	1.6	3.1	5.1	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.47	58.31	22.3	31.4	94	60	SW 2	E 3	9	5	.....
2	58.89	58.28	22.3	24.8	94	92	SW 2	Calm	8	10	15.8
3	58.47	57.29	21.3	24.7	97	91	SW 2	SSW 2	8	9	5.8
4	57.77	57.02	21.6	26.2	95	85	SW 1	SSW 3	3	9	3.6
5	56.70	55.95	22.2	29.5	96	64	SW 1	W 3	7	8	1.9
6	55.50	55.88	23.5	24.5	92	94	W 2	SSW 2	10	10	59.4
7	56.50	57.07	21.8	24.3	96	93	SW 2	E 2	10	10	19.3
8	58.49	57.85	22.1	29.4	96	67	SW 2	SSW 2	10	10	.....
9	58.84	58.46	21.5	29.5	94	72	WSW 2	ENE 3	4	8	.3
10	58.53	57.23	23.4	31.4	93	66	WSW 2	NE 3	7	8	2.8
11	58.34	57.86	22.6	27.7	93	65	SW 2	WSW 3	10	10	1.1
12	58.84	57.63	21.4	29.5	96	70	WSW 2	ENE 3	6	9	1.5
13	58.93	58.09	22.8	30.8	97	65	SW 2	SE 3	5	9	1
14	59.24	57.87	22.5	30.8	97	67	SW 1	ENE 3	8	6	.....
15	58.68	57.93	22.2	31.7	95	62	SW 2	ENE 3	6	6	3.3
16	59.39	58.24	22.2	30.7	95	63	SW 2	E 2	5	7	.....
17	59.34	57.82	22.7	31.7	96	55	SSW 1	ESE 3	8	5	.....
18	58.58	57.45	21.7	31.4	94	61	SW 1	ENE 3	6	9	.....
19	58.76	57.82	22.5	31.2	96	62	WSW 2	NE 3	5	7	.....
20	58.62	58.10	22.2	31.1	95	61	SSW 1	ENE 4	4	6	.....
21	58.29	56.96	22.5	31.8	94	58	SW 2	ENE 3	7	7	30.2
22	57.71	57.84	22.7	24.8	97	94	WSW 1	W 2	4	10	11.5
23	57.79	56.91	21.4	29.3	96	73	WSW 1	ESE 3	8	9	1.5
24	57.38	56.75	23.6	28.8	93	67	Calm	WSW 4	7	10	3.3
25	57.11	56.17	25.2?	30.5	76?	58	SW 4	WSW 5	8	8	4.1
26	55.80	55.04	23.6	28.3	86	66	WSW 4	WSW 5	8	10	14.5
27	54.53	54.89	24.7	24	84	92	SW 3	SSW 3	10	10	86.1
28	54.53	53.43	25.4?	25.3	80?	86	SW 5	SW 5	10	10	40.4
29	53.22	53.81	25.1?	22.9	81?	96	WSW 5	WSW 4	10	10	11.9
30	54.54	55.24	23.7	30.3	89	61	E 2	WSW 3	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.63	56.97	22.8	28.6	92.6	72.2	2	3	7.4	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	319.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			°C.	°C.	*mm.*
1	57.18	56.90	21.8	30.3	96	66	W 1	ENE 3	9	9	1.8
2	58.78	57.92	23.5	28.9	97	73	Calm	ESE 2	10	9	.6
3	58.83	57.46	21.8	31.7	96	64	WSW 2	NE 2	3	6	.....
4	57.68	56.52	23.1	31.2	94	60	Calm	WSW 3	7	7	2.8
5	56.03	55.92	23.8	24.3	96	86	Calm	SW 3	10	10	127.5
6	56.10	56.17	21.2	24.3	96	96	WSW 3	WSW 2	10	10	64.5
7	57.11	56.69	23.8	25.4	95	76	Calm	WSW 6	10	9	5.1
8	58.04	57.18	21.3	31.8	97	51	Calm	WSW 4	6	8	.....
9	57.45	55.87	21.6	32	96	45	SW 1	WSW 5	7	8	.....
10	56.17	55.71	23.2	32.8	75	46	Calm	WSW 5	3	5	.....
11	56.83	56.41	21.1	30.8	94	65	Calm	SSE 4	4	7	.....
12	57.80	57.63	23.3	30.2	93	70	SW 2	SW 3	4	8	.....
13	58.99	57.67	21.1	32.9	95	48	SW 1	WSW 4	4	5	.....
14	58.59	57.43	20.3	31	95	64	SSW 1	SSE 3	3	6	.....
15	57.87	56.62	20.7	32.8	96	45	W 3	W 4	10	6	.....
16	57.96	57.18	22	31.2	95	66	Calm	ESE 3	7	7	.1
17	58.54	57.64	21	29.8	95	70	SW 2	SE 3	5	7	.3
18	58.94	57.57	22.4	29.3	95	73	WSW 2	E 3	4	9	.3
19	58.55	57.84	21.7	27	96	84	SW 1	N 2	3	9	20.5
20	58.24	57.64	21.9	30.6	97	69	WSW 2	ESE 4	4	7	.....
21	58.92	57.72	21.5	31.7	95	64	Calm	ENE 3	2	6	.....
22	57.97	56.15	20.7	30.7	96	69	WSW 1	ENE 3	2	7	.....
23	56.98	56.47	21.5	31.7	95	54	SW 1	WSW 4	3	5	.....
24	56.71	56.49	23	32.2	93	55	SW 2	WSW 4	4	7	.....
25	56.06	56.14	27.2?	31.8	67?	58	WSW 4	WSW 4	5	10	.....
26	56.70	55.96	23.1	31.2	95	58	WSW 1	WSW 4	10	10	.....
27	56.99	56.91	22	25.6	95	89	SW 2	SSE 2	8	10	1.1
28	56.51	56.52	21.6	24.5	98	91	W 1	WSW 2	10	10	27.4
29	57.58	57.22	22	26.6	96	80	SSW 2	SW 4	9	9	10.7
30	57.56	57.68	25	28.5	88	71	WSW 2	SW 4	10	9	.3
31	59.39	58.78	22.4	30.6	96	64	SW 1	SE 4	5	7	.....
Mean	57.65	56.97	22.3	29.8	93.6	66.8	1.2	3.5	6.2	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	263

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.62	58.90	23.1	28.2	96	79	WSW 1	WNW 2	7	8	6.1
2	59.35	58.76	21.5	25.5	95	91	WSW 2	WSW 2	4	4	15.7
3	59.30	58.84	21.2	30.5	95	63	WSW 1	E 3	2	5	.....
4	59.76	59.46	21.4	26	97	87	WSW 1	WSW 2	2	5	2.1
5	59.27	58.95	21.1	24.7	95	91	WSW 1	WSW 2	4	10	10.8
6	59.43	58.54	21.4	29.2	96	74	WSW 1	ESE 2	4	6	.....
7	58.64	58.23	20.6	30.4	94	66	WSW 1	E 3	1	7	.....
8	58.92	57.99	21.4	32.7	93	49	WSW 2	W 3	7	6	.....
9	58.78	57.98	21.2	31.8	95	56	SW 2	WSW 3	4	6	.....
10	58.26	57.18	22.8	31.2	97	57	Calm	WSW 4	9	8	.7
11	57.26	56.68	23.5	28.6	96	69	WSW 2	WSW 2	10	10	.5
12	56.54	55.92	22.5	29.8	96	67	SW 1	ESE 3	10	10	8.4
13	56.58	56.39	22.6	28.3	95	71	Calm	SW 4	10	10	1.5
14	57.51	57.81	22.3	28.1	96	77	SW 2	WSW 1	10	10	....
15	58.44	57.83	22.8	28.4	95	76	WSW 2	ESE 2	10	10	.....
16	59.17	58.68	22.6	27.4	95	81	W 2	SW 3	4	7	18.5
17	59.48	59.07	20.8	24.3	96	96	WSW 2	WNW 1	3	9	34.3
18	58.51	57.48	22.5	28.6	97	76	W 1	SE 2	7	10	.3
19	57.94	58.02	22.9	26.1	96	69	Calm	WSW 5	9	10	1.3
20	57.80	57.91	25.2	29.3	79	70	WSW 2	NE 2	9	10	.1
21	58.45	57.95	21.6	30.5	96	66	WSW 1	ESE 3	4	8	1.3
22	58.97	58.23	23.5	30.5	94	72	SW 2	E 3	10	9	.3
23	58.49	57.74	22.1	29	96	72	W 2	ESE 3	8	9	.....
24	57.42	56.06	21.9	32	96	52	WSW 1	WSW 4	4	7	13
25	56.94	56.37	23.3	29.3	96	66	Calm	WSW 4	10	10	3.6
26	57.99	57.48	22.2	31.5	96	63	SW 1	WNW 2	8	8	.....
27	58.14	57.47	22.4	32.1	95	46	Calm	W 2	5	5	1
28	57.93	57.42	24.3	27.8	94	60	NE 2	WSW 3	10	10	1
29	58.10	57.70	25.8	31.8	75	48	SW 3	WNW 4	8	7	.....
30	58.93	58.44	22.5	28.7	92	74	SW 3	ENE 3	8	8	1.8
31	58.62	57.37	21.6	29	96	79	WSW 2	NW 2	6	10	.....
Mean	58.40	57.83	22.4	29.1	94.2	69.8	1.4	2.7	6.7	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	122.3

NOTE: Beginning with the afternoon of June 10, the height of the barometer above sea level was 13.45 meters instead of 4.26 meters.

IWAHIG.

[$\phi = 9°\ 44'$ N; $\lambda = 118°\ 38'$ E; barometer above sea, 13.45 meters; gravity correction not applied, —1.86 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.74	57.22	23.2	32.8	95	43	SSW 2	WSW 4	10	5	.....
2	59.10	58.08	23.5	31.3	96	68	WNW 2	NE 3	10	7	.....
3	58.53	57.52	21.5	32.2	94	47	WSW 1	WNW 3	3	10	.....
4	57.28	55.89	20.8	32	96	50	Calm	WSW 5	5	6	.....
5	56.13	55.42	28.5	31	63	55	WSW 5	WSW 6	10	9	2.5
6	56.64	56.41	27.5	32.4	68	52	WSW 5	WSW 5	10	9	.....
7	57.13	56.90	23.5	31.5	92	49	WSW 2	WSW 5	4	5	.....
8	57.66	57.08	24.3	31.6	92	52	Calm	WSW 4	6	5	.5
9	57.88	58.03	25.4?	29.3	74?	64	SSW 3	WSW 4	10	10	6.9
10	58.20	58	24.1	29.9	86	63	SW 2	W 3	8	9	3
11	58.89	58.09	23	29.4	93	79	SW 2	NNE 2	10	10	19.9
12	59.18	58.75	21.6	28.6	96	76	SW 2	NE 3	10	10	2.5
13	60.16	58.66	21.3	32	97	53	Calm	SE 3	5	6	.....
14	60.39	59.36	21.1	29.2	95	70	W 1	NE 4	5	8	2
15	60.06	59.54	22.4	26.7	96	83	SW 1	SW 3	8	9	.5
16	59.74	58.96	20.8	28	96	74	WSW 2	WSW 3	3	9	35.3
17	60.26	58.46	22	29.7	95	68	WSW 2	WSW 4	4	8	.3
18	60.26	59.10	21.4	28.1	96	81	WSW 2	SW 3	2	7	8.9
19	60.44	60.37	22.2	24.1	95	93	W 2	SW 2	6	10	8.4
20	59.87	58.15	21.2	31.7	96	52	WNW 2	W 3	4	8	7.9
21	58.02	57.71	23	29.1	95	65	WSW 2	WSW 3	10	9	1.6
22	58.34	57.57	22.5	29.1	96	65	W 2	WSW 4	7	9	7.9
23	58.50	57.30	23.1	31.4	96	53	WSW 3	W 3	9	7	.....
24	58.77	58.75	22.5	25.6	96	92	W 1	Calm 4		10	10.5
25	59.71	59.12	21.6	28.1	97	74	WSW 2	W 3	5	8	1.8
26	59.76	59.32	22	30.8	96	64	Calm	ESE 3	10	5	5.1
27	59.71	58.57	21.8	27.8	96	83	WSW 1	W 3	4	9	1
28	59.26	57.32	21.9	31.2	96	61	WSW 1	ENE 3	4	9	.....
29	57.83	56.42	22.2	27	96	84	WSW 1	Calm 4		10	1.3
30	56.97	56.28	23.4	30.5	88	57	Calm	W 3	9	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.78	57.94	22.8	29.7	92.1	65.7	1.7	3.2	6.6	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	127.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.73	58.08	24.7	25.8	81	81	W 2	WSW 2	8	10	5.3
2	57.23	56.33	23.6	27	95	78	W 1	WSW 3	8	9	16.2
3	56.87	56.18	23.8	27.3	88	73	WSW 3	WSW 4	10	10	10.7
4	57.32	57.48	23	27.9	96	79	W 2	Calm	10	10	8.2
5	59.66	58.94	21.6	31.2	96	66	W 1	ENE 2	9	5	.....
6	60.29	59.09	20.7	31.5	97	65	WSW 1	E 3	2	4	.....
7	59.03	58.33	21.8	30.7	95	69	SW 1	SE 3	1	8	.....
8	59.16	58.33	21.5	30.5	95	69	WSW 1	SW 3	2	8	1.8
9	59.39	58.37	21.3	31.3	97	63	WSW 2	ESE 3	2	7	.5
10	59.07	57.92	21.8	31.5	95	59	WSW 2	E 3	3	5	.5
11	58.49	58.05	22.7	29	96	69	WSW 2	E 2	4	10	.3
12	58.87	58.45	21.5	27.8	95	80	WSW 1	ENE 2	2	9	.5
13	59.10	57.83	21.3	30.6	97	67	WSW 1	SE 3	3	8	3.3
14	58.11	56.94	23.7	27.6	94	76	NNE 2	W 3	9	9	45.5
15	57.08	55.96	25.4	27	80	74	WSW 4	WSW 5	10	10	19
16	55.04	54.85	26	26.5	81	80	WSW 4	WSW 3	10	10	11.1
17	55.90	55.11	26.1	31.4	73	54	WSW 4	WSW 4	10	10	1.5
18	57.11	55.96	23.8	31.7	88	48	Calm	WSW 5	9	4	2.5
19	57.32	56.77	24.5	31.8	91	59	SW 3	WNW 3	6	8	.8
20	57.52	57.23	22.9	29.4	96	78	Calm	ENE 2	3	5	2.8
21	57.84	57.02	21.9	28.6	96	76	WSW 1	SSW 3	4	10	1.5
22	58.11	56.65	21.7	31.8	96	67	Calm	E 3	5	5	.....
23	58.88	57.62	21.7	30.5	96	66	W 2	ESE 3	6	8	.....
24	59.54	58.32	22.5	28.6	96	75	WSW 1	E 2	6	7	.....
25	59.14	58.17	22.4	30.2	96	68	SW 1	NE 3	2	8	.....
26	59.59	59.12	22.2	30.9	95	62	WSW 1	E 3	2	3	.....
27	59.96	59.42	22.1	31.3	96	66	WSW 2	ENE 4	3	4	.....
28	59.82	59.14	23.7	29.9	96	69	ENE 3	ENE 4	7	8	.....
29	59.27	57.60	22.5	30.8	96	65	SW 2	ESE 3	3	5	.....
30	57.88	57.36	23	30	93	71	WSW 1	ENE 3	8	9	14.7
31	58.62	58.58	24.2	28.1	95	77	Calm	SSW 2	10	10	22.9
Mean	58.35	57.59	22.9	29.6	92.8	69.3	1.6	2.9	5.7	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.6

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.76	57.85	24.7	29.8	96	70	WSW 2	ENE 3	10	9	8.1
2	58.46	57.56	21.7	30.2	96	70	SW 2	E 3	3	7	.....
3	58.36	57.67	21.8	30.8	96	69	SW 1	ENE 3	5	5	.....
4	57.61	57.71	22.4	29.9	95	67	WSW 2	ENE 3	4	9	.....
5	58.42	58.08	22.6	31.5	95	63	SW 2	ESE 3	2	4	.....
6	58.38	57.77	22.6	31.2	97	67	WSW 1	ESE 4	5	5	.....
7	58.93	57.92	22	30.2	95	73	SW 2	ENE 3	8	9	.....
8	58.88	58.61	22.6	31.3	97	60	SW 2	ENE 3	4	5	.....
9	59.51	58.36	22.5	31.3	96	65	WSW 1	ENE 4	3	4	2.3
10	59.67	58.41	23.4	30.7	97	67	WSW 2	ENE 4	9	7	.....
11	59.42	58.53	22.4	31.2	96	66	W 1	ENE 4	5	7	.....
12	59.08	58.03	23.2	28.4	93	72	W 2	ENE 3	4	9	.....
13	59.46	59.12	23.7	25	96	92	Calm	SW 2	10	10	35.1
14	59.47	58.68	22	31.2	96	63	Calm	ENE 3	3	3	.....
15	59.51	58.44	23.5	30.7	92	55	SW 1	NE 4	10	2	.....
16	58.96	58.42	23.6	30.2	95	69	SW 1	ENE 4	8	8	.....
17	58.89	58.06	22.7	30.8	95	65	W 1	ENE 3	9	7	.....
18	58.97	58.39	21	29.7	95	64	WSW 2	ENE 4	2	6	.....
19	59.37	58.51	21.1	30.3	95	59	W 1	E 3	3	4	.....
20	60.12	58.67	20.7	29	95	64	WSW 2	ENE 3	1	5	.....
21	59.13	58.38	23.2	29.6	93	67	W 2	ENE 4	4	8	.....
22	59.28	58.59	23.2	30.5	95	65	WSW 2	E 3	4	9	.....
23	59.77	58.47	22.2	31	95	64	Calm	ENE 3	2	4	.....
24	59.56	58.52	21.8	31.2	95	61	SW 2	ENE 3	1	3	.....
25	59.67	58.37	22.2	30.5	94	66	SSW 1	E 2	3	4	.....
26	59.27	58.31	22.1	31.2	96	66	SW 2	ENE 3	2	4	.....
27	59.81	58.37	21.2	31	95	64	WSW 2	E 3	2	4	.....
28	59.03	57.92	21.1	31	95	62	WSW 2	ENE 3	5	4	.....
29	58.94	58.55	21.5	31.4	95	66	SW 1	ENE 3	3	5	.....
30	59.29	58.52	21.7	30.9	97	61	SW 2	ENE 3	2	6	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.13	58.29	22.3	30.4	95.3	66.1	1.5	3.2	4.5	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.91	58.41	22.5	30.8	96	63	W 1	ENE 3	7	4	.....
2	59.53	58.34	21.9	30.6	96	60	SW 1	ENE 3	5	5	.....
3	59.39	58.08	20.3	30.8	95	63	SW 2	E 3	3	5	.....
4	58.52	58.14	21.8	30.9	96	62	WSW 2	ENE 4	2	5	.....
5	58.66	58.45	24.7	30.8	94	59	W 1	ENE 4	10	6	5.3
6	59.89	59.06	23.5	30.4	97	58	Calm	ENE 4	8	5	.....
7	59.92	59.04	21.7	29.4	96	63	W 2	ENE 4	10	9	.....
8	60.61	59.38	21.3	30.4	94	60	SW 1	ENE 3	9	5	.....
9	60.14	58.42	19.5	29.8	95	62	WSW 2	ENE 3	5	4	.....
10	59.68	58.59	21	29.3	93	56	WSW 2	ENE 3	9	9	.....
11	59.04	57.98	20.8	30.8	94	56	SW 2	ENE 3	4	5	.....
12	58.27	57.81	22	30.2	95	64	SW 1	ENE 4	4	5	.....
13	58.24	57.46	21.7	30.7	94	63	W 2	E 4	9	8	.....
14	58.12	57.76	22.9	30.2	96	61	Calm	ENE 4	4	9	.....
15	58.91	59.02	24.7	26.6	94	87	Calm	ENE 3	10	10	3.3
16	59.09	59.29	25.4	30.4	93	63	NE 2	E 4	10	8	.....
17	59.94	58.88	21.5	29.8	97	63	SW 1	ENE 4	10	8	.....
18	59.93	59.32	21.7	28.9	97	65	Calm	ENE 4	4	7	.....
19	60.84	60.26	21.5	29.9	95	59	Calm	E 3	5	4	.....
20	60.61	58.94	22.5	31.2	97	58	SW 1	ENE 3	10	4	.....
21	59.62	58.74	21.2	29.8	95	63	WSW 1	ENE 4	3	9	.....
22	59.44	58.69	20.7	30.2	94	54	SW 2	ENE 3	2	6	.....
23	59.55	58.77	19.5	30.8	97	43	SW 2	NW 4	3	5	.....
24	59.87	58.52	19.6	29.6	94	51	WSW 2	WNW 5	4	5	.....
25	59.25	57.22	17.7	29.4	97	52	WSW 2	W 4	2	8	.....
26	55.78	54.61	26.8?	24.9	60?	84	WSW 6	WSW 5	9	10	29.7
27	56.93	57.19	22.8	28.6	97	68	WSW 2	W 2	10	10	1.1
28	59.06	58.43	21.6	29.3	97	66	W 1	E 3	4	4	.....
29	60.48	59.37	18.7	26.7	97	82	SW 2	E 3	2	10	1.8
30	60.03	59.18	21.8	30.8	96	65	WSW 1	E 3	2	5	.....
31	60.47	59.62	20.5	29.6	93	63	SW 2	ENE 3	2	3	.....
Mean	59.31	58.48	21.7	29.7	94.2	62.5	1.5	3.5	5.8	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41.2

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.19	57.12	24.2	29	90	82	N 1	SE 1	10	10	.....
2..	59.59	58.07	23.5	28.6	94	82	N 1	S 1	10	10	15
3..	59.02	58.15	23.4	28.2	91	82	N 1	NE 1	10	10	17.3
4..	58.87	57.60	23.8	29	93	83	N 1	NW 1	10	10	.....
5..	59.29	57.93	23.6	28.8	91	79	N 1	N 1	10	10	65
6..	59.12	57.55	22.8	28	93	83	N 1	W 1	10	10	8.1
7..	58.50	57.07	23	27.6	91	80	N 1	N 1	10	10	47.5
8..	59.62	58.68	22.5	28	92	77	N 1	W 1	10	10	7.9
9..	59.44	58.31	22.6	29	93	78	N 1	N 1	10	10	12.2
10..	59.52	58.39	22.8	26	93	81	N 1	N 1	10	10	67.8
11..	59.64	58.27	22.6	27.6	96	79	N 1	W 1	10	10	24.1
12..	58.88	57.83	23	26.5	91	91	N 1	W 1	10	10	14
13..	58.12	57.48	22.7	25.6	94	84	N 1	NE 1	10	10	33
14..	59.02	58.32	22.6	26.4	96	82	N 1	N 1	10	10	6.6
15..	59.14	58.64	22.8	27	95	84	N 1	NE 1	10	10	.....
16..	59.70	57.73	23	28.6	91	79	N 1	N 1	10	10	37.1
17..	58.72	57.10	22.2	27.4	95	83	N 1	S 1	10	10	19.8
18..	58.62	57.45	22.2	28	94	83	N 1	W 1	10	10	.....
19..	58.19	57.02	21.6	29.2	95	82	N 1	W 1	8	8	.....
20..	58.37	57.42	24	30	91	74	N 1	W 1	10	10	.....
21..	58.46	57.11	21.6	30.6	95	74	N 1	N 1	10	10	26.7
22..	58.47	57.18	22	25	91	90	N 1	N 1	10	10	42.9
23..	58.32	56.97	22.5	27.4	87	80	N 1	N 1	10	10	5.3
24..	57.32	55.60	23	28	91	79	N 1	W 1	10	10	9.4
25..	56.87	55.92	23	28.4	90	82	N 1	W 1	10	10	11.2
26..	56.99	56.17	22.5	27.2	92	87	N 1	NW 1	10	10	7.1
27..	56.90	56.28	23.1	25.8	90	85	N 1	N 1	10	10	44.2
28..	57.19	55.52	23.6	29	95	81	N 1	NW 2	10	10	.....
29..	57.64	56.52	23.5	26.2	96	78	N 1	NW 1	10	10	28.7
30..	57.57	56.35	23	28.2	95	82	N 1	NW 2	10	10	223.5
31..	58.25	57.25	22.8	28.2	93	80	N 1	W 1	10	10	.....
Mean	58.50	57.32	22.9	27.8	92.7	81.5	1		1.1	9.9	9.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	774.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.82	58.29	23	28.6	93	73	N 1	NE 1	10	10	9.9
2..	59.22	57.75	22.2	28.5	93	81	N 1	W 1	10	10	35.3
3..	59.12	57.42	23	29	97	83	N 1	S 1	10	10	.....
4..	59.27	57.08	24.4	30.8	92	78	N 1	NE 2	10	8	.....
5..	58.89	57.21	22.7	30.5	96	75	N 1	SE 2	10	9	.....
6..	58.64	56.56	24	31	91	75	N 1	S 1	10	8	.....
7..	57.82	56.55	23.5	29	94	78	N 1	W 1	10	10	20.8
8..	57.94	57.35	22.8	30.8	93	76	N 1	NW 1	10	10	.....
9..	59.84	58.06	22	28	95	77	N 1	NNE 1	10	10	26.7
10..	58.77	57.59	22	27.6	91	80	N 1	NW 1	10	10	22.9
11..	59.60	56.50	22.5	29	92	79	N 1	W 1	10	10	.....
12..	58.19	57.29	23.8	28.5	93	83	N 1	E 2	10	9	6.4
13..	58.94	57.15	23.5	30.5	96	78	N 1	W 2	10	10	.....
14..	58.52	57.26	23.2	30	95	75	N 1	S 1	10	8	.....
15..	58.84	57.17	22.8	30.8	93	74	N 1	S 1	10	10	.....
16..	59.69	58.40	24.5	31	92	76	N 1	W 2	10	8	.....
17..	59.82	58.54	24	26.5	91	88	N 1	N 1	10	10	45.7
18..	59.94	58.35	23	28.6	90	79	N 1	NE 1	10	10	.....
19..	59.73	58.92	23	29	93	78	N 1	E 2	10	10	.....
20..	59.92	59.10	22.8	29.2	91	78	N 1	NE 1	10	10	.....
21..	60.09	59.30	21.5	30.2	94	78	N 1	NE 1	10	10	.....
22..	60.48	59.22	22	30.9	95	76	N 1	W 1	10	10	.....
23..	60.91	59.95	19.8	27	92	84	N 1	SW 2	8	10	.....
24..	61.22	60.24	19.5	28	93	82	N 1	W 1	10	10	30
25..	61	59.87	23	29.8	93	73	N 1	S 1	10	10	.....
26..	60.60	59.12	22.5	30	94	77	N 1	W 2	10	8	.....
27..	60.92	59.71	23	31	91	75	N 1	W 2	8	7	.....
28..	60.73	59.33	23.2	30.5	93	78	N 1	W 1	10	8	.....
29..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.55	58.19	22.8	29.4	93.1	78.1	1		1.3	9.9	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	197.7

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.09	59.05	23.5	29	94	78	N 1	N 1	10	10	12.4
2..	60.62	59.69	21.8	27.6	93	80	N 1	N 1	10	10	187.9
3..	60.90	60.21	22.6	27.5	95	82	N 1	N 1	10	10	69.1
4..	61.30	59.48	22.8	29.8	94	78	N 1	NE 1	10	10	14.7
5..	60.46	59.07	23	28	95	79	N 1	W 2	10	10	16
6..	60.07	58.79	22.8	30.6	93	73	N 1	SE 2	10	8	.....
7..	59.42	58.55	23	28	96	86	N 1	W 1	10	10	97.5
8..	57.77	56.92	23.4	27.8	97	83	N 1	W 1	10	10	30.5
9..	58.99	57.19	25	29.4	95	76	SW 2	SSW 2	10	8	.....
10..	59.28	57.67	24.6	29.8	95	78	N 1	S 2	10	8	.....
11..	59.27	57.99	23.5	26.8	96	81	N 1	NW 1	10	10	.....
12..	58.10	57.30	23	28	96	85	N 1	NW 1	10	10	.....
13..	58.32	57.32	23	29.4	95	81	N 1	S 2	10	8	.....
14..	58.71	58.15	24	32.5	93	76	N 1	S 1	10	8	.....
15..	59.77	58.25	23.5	32	92	76	N 1	S 1	10	6	.....
16..	60.28	59.08	23.8	31.8	86	78	N 1	S 1	8	7	.....
17..	60.85	59.98	23.2	31.4	93	76	N 1	N 1	10	10	17.3
18..	61.92	60.31	23	31.8	91	70	N 1	S 1	10	8	.....
19..	61.71	60.13	22	31	95	73	N 1	W 1	10	8	.....
20..	60.12	58.95	22	32	96	78	N 1	W 1	10	8	.....
21..	59.62	58.05	22.8	31	89	77	N 1	S 1	9	5	.....
22..	58.47	57.95	24.6	28.5	95	81	N 1	N 1	10	10	18.3
23..	59.77	57.79	23.6	30.6	95	81	N 1	SW 1	10	9	.....
24..	58.73	57.35	24	30.8	97	77	N 1	W 1	8	9	.....
25..	59.17	57.98	23.8	31.6	95	76	N 1	SE 2	10	8	.....
26..	59.18	58.58	23.5	32	96	76	N 1	E 1	10	8	.....
27..	59.17	58.75	24.8	29.2	93	81	E 2	N 1	10	10	.....
28..	59.08	58.68	23.6	26.5	95	88	N 1	N 1	10	10	31.7
29..	58.37	57.75	23.4	29.6	91	81	N 1	S 1	10	10	.....
30..	58.41	57.17	24	32.4	93	75	N 1	E 2	10	9	.....
31..	58.77	57.04	23.8	32.1	95	76	N 1	E 2	10	8	.....
Mean	59.57	58.42	23.4	30	94	78.6	1.1		1.3	9.8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	495.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.17	57.48	23.1	31.8	96	76	N 1	W 2	8	8	.....
2..	58.38	56.61	24	31.5	94	77	N 1	S 1	10	9	.....
3..	57.74	56.40	24.1	30	92	82	N 1	N 1	9	10	.....
4..	57.63	57.02	23.5	31.8	94	72	N 1	W 1	10	8	.....
5..	57.79	57.12	23.8	29.9	93	80	N 1	W 1	10	10	.....
6..	58.17	56.41	24	29.1	93	84	N 1	W 1	10	10	.....
7..	58.04	56.43	23.4	30	91	85	N 1	W 1	10	10	.....
8..	57.53	56.71	24	30.5	93	83	N 1	W 1	8	9	.....
9..	57.63	56.72	24.2	29.2	93	85	N 1	S 1	10	10	.....
10..	57.12	56.33	24.2	30	95	88	N 1	W 1	10	10	.....
11..	56.99	55.40	24.2	29	91	85	N 1	NW 1	10	10	.....
12..	54.77	53.62	24.8	27.6	93	84	NW 2	W 3	10	10	.....
13..	55.81	56.11	25	29.8	92	82	W 2	SW 2	10	10	.....
14..	56.92	56.13	24	30.8	91	80	N 1	S 2	10	8	.....
15..	58.14	56.70	23.8	32.4	95	75	N 1	SE 2	8	5	.....
16..	58.72	57.61	24.6	29	96	85	N 1	E 2	10	10	6.6
17..	59.31	57.99	24.4	31	95	81	N 1	W 1	10	10	.....
18..	59.32	58.80	24.7	31.2	94	79	N 1	W 1	8	10	.....
19..	60.44	58.96	23.2	29.4	94	81	N 1	WSW 1	8	10	.....
20..	60.09	58.60	24	31.4	91	80	N 1	W 1	8	10	.....
21..	60.22	58.31	24.2	29.2	95	83	N 1	W 1	10	10	.....
22..	59.54	58.37	23.4	27.6	95	84	N 1	N 1	10	10	.....
23..	59.02	58.61	24.6	29.5	96	83	N 1	W 1	5	10	.....
24..	59.71	58.65	24.5	29.8	96	82	N 1	E 2	10	10	.....
25..	59.57	58.70	24.6	30.1	97	82	N 1	N 1	10	10	.....
26..	59.31	57.58	25	30	93	85	N 1	W 1	10	10	.....
27..	58.26	56.74	24.8	31.2	93	81	N 1	S 2	8	8	.....
28..	58.30	56.65	25.2	31	93	85	N 1	E 2	10	8	.....
29..	58.41	57.58	25	31.6	92	77	N 1	SE 2	10	7	.....
30..	58.84	57.78	24.8	31.9	93	80	N 1	E 2	8	7	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.36	57.20	24.2	30.2	93.6	81.5	1.1		1.4	9.3	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.6

MAASIN.

[ϕ=10° 08′ N; λ=124° 50′ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

MAY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.42	57.45	25	31	95	80	N	1	S	1	10	10	.....
2	57.92	57.35	24	29.8	95	79	N	1	E	2	9	10	.....
3	57.69	56.95	24.5	30.2	94	84	N	1	SE	2	10	10	.....
4	58.48	57.70	24.1	31	96	83	N	1	W	1	10	9	.....
5	59.17	57.74	24.6	32.8	95	79	N	1	NE	2	10	8	.....
6	58.20	56.48	25.2	32	93	78	N	1	E	2	10	8	.....
7	57.74	55.88	24.4	31	95	80	N	1	W	2	10	10	.....
8	56.82	55.45	25.1	32	94	79	N	1	NE	1	10	10	.....
9	57.13	56.09	24.5	31.8	94	76	N	1	S	1	10	8	.....
10	57.60	56.73	25	31.4	95	73	N	1	E	2	7	8	.....
11	58.40	57.03	25.2	29.2	93	79	N	1	W	1	10	10	16
12	57.82	57.23	24.2	27	95	86	N	1	W	1	10	10	20.8
13	57.87	57.24	23.7	29.5	94	75	N	1	E	2	10	10	11.4
14	59.36	57.93	24.6	30.6	93	76	N	1	SE	2	10	9	.....
15	59.39	57.95	24	31.7	91	70	N	1	SSW	2	10	8	.....
16	58.71	56.80	24.7	30.8	96	77	N	1	W	1	8	8	.....
17	57.48	55.70	24.2	30.4	93	77	N	1	W	1	7	9	.....
18	56.92	56.10	24.8	30.2	95	77	N	1	E	2	8	10	.....
19	58.42	56.65	25.1	31.7	94	77	N	1	W	1	7	6	.....
20	58.47	57.20	25	30	92	78	N	1	W	1	5	10	.....
21	57.67	57.15	24	30	93	80	N	1	E	2	9	10	.....
22	58.21	56.79	24.1	31.2	96	77	N	1	W	1	7	8	.....
23	57.94	57.18	24	33	91	69	N	1	W	1	6	8	.....
24	58.17	56.90	24.1	33.2	86	70	N	1	S	1	8	9	.....
25	57.80	57.58	24.9	33.2	92	70	N	1	S	1	10	8	.....
26	58.97	58.23	26.2	33	95	69	SW	3	SW	2	9	7	.....
27	59.37	58.09	26	32	92	74	N	1	SW	2	10	8	.....
28	59.65	57.65	25.8	32.7	93	71	N	1	SE	2	10	8	.....
29	58.97	57.39	25.6	33	93	70	N	1	SE	2	8	9	.....
30	59.33	57.18?	25.4	33	95	72	N	1	S	1	10	8	.....
31	59.22	57.68	25.1	32.5	94	75	N	1	E	2	10	10	.....
Mean	58.30	57.08	24.7	31.3	93.6	76.1	1.1		1.5		9	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	48.2

JUNE.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.66	58.30	24.4	32.1	91	71	N	1	S	1	10	9	.....
2	59.47	57.51	24.8	32	93	70	N	1	S	1	10	10	.....
3	58.77	56.61	24.8	32	95	70	N	1	E	2	8	10	.....
4	57.94	57.05	24.4	27.5	91	81	N	1	W	1	10	10	.....
5	57.65	56.66	25.8	29.7	90	83	SW	2	SW	3	10	10	.....
6	57.10	56.40	25.4	32.1	92	71	SW	2	SW	2	10	8	27.4
7	58.22	56.94	25.2	32.5	94	71	N	1	SE	2	10	8	.....
8	59.07	58.90	25	27.6	88	80	N	1	NE	1	10	10	.....
9	59.39	59.20	25	29.5	92	75	N	1	W	1	10	10	.....
10	58.57	57.45	23.5	30	92	81	N	1	S	1	10	10	15
11	58.50	57.60	23.2	32.1	94	75	N	1	SE	2	10	10	.....
12	59.62	57.90	24	32	91	74	SW	2	SW	2	10	10	.....
13	59.87	58.63	24.6	32.8	93	73	N	1	S	2	8	7	.....
14	59.70	58.19	25.4	33.1	93	71	W	2	S	2	10	9	.....
15	58.82	57.65	25	31.1	90	78	N	1	E	2	10	10	.....
16	59.47	57.88	25	32.2	92	76	N	1	S	2	9	6	.....
17	59.34	57.75	24.8	26.4	90	89	N	1	N	1	8	10	38.1
18	58.27	57.37	25	32.6	93	74	N	1	E	2	10	10	10.2
19	58.91	57.23	25.1	32.2	94	75	N	1	NE	1	10	10	.....
20	59.03	58.05	24.8	30	93	84	N	1	NW	1	8	10	.....
21	58.62	56.86	24.9	30.4	89	77	N	1	W	1	10	10	.....
22	57.44	56.26	25	32.5	92	71	N	1	SE	1	10	10	.....
23	58.02	56.73	25	32.6	87	71	N	1	S	1	10	7	.....
24	57.94	56.80	24.8	31.4	92	77	N	1	S	1	7	10	64
25	57.07	56.08	24.7	32	92	76	SW	1	W	1	10	10	6.1
26	54.79	54.59	25.6	25.1	90	88	W	2	NW	2	10	10	44.9
27	53.39	52.74	25	26.8	90	86	WSW	3	SW	5	10	10	21.3
28	53.89	53.25	26	28	94	83	SW	5	SW	5	10	10	.....
29	54.37	53.62	26.5	28.8	92	82	SW	4	SW	4	10	10	.....
30	56.30	55.80	24.6	29.2	92	85	N	1	SW	4	10	8	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.97	56.87	24.9	30.5	91.7	77.3	1.5		1.9		9.6	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	227

JULY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.05	57.60	25.6	30.8	90	84	N	1	W	1	10	10	.....
2	58.87	57.68	25.2	30	90	80	N	1	N	1	8	10	16.8
3	58.37	56.80	24	29.2	93	83	N	1	W	1	10	10	.....
4	57.11	56.12	23.5	28.6	94	83	N	1	SW	4	10	10	39.9
5	55.72	55.30	26.5	26.8	85	78	SW	3	SW	3	10	10	7.6
6	56.47	55.74	26	29	88	78	SW	4	SW	3	10	10	.....
7	58.40	57.35	24.6	29	95	79	SW	2	SW	3	10	10	22.4
8	58.62	57.31	24.9	28	92	82	W	1	SW	4	10	10	.....
9	57.50	55.71	26.6	30.1	89	84	SW	3	SW	4	10	10	.....
10	56.91	56.13	24.5	29	92	81	SW	2	SW	3	9	10	.....
11	57.92	57.08	26.8	29.2	90	85	SW	4	SW	4	10	9	.....
12	58.81	58.01	26.6	29.5	88	83	SW	3	SW	3	10	8	.....
13	58.97	57.70	25.5	29.7	92	83	SW	1	SW	4	10	10	.....
14	58.47	57.38	26.2	29.4	92	82	SW	2	SW	3	10	8	.....
15	58.04	57.30	24.5	30.2	87	81	N	1	SW	3	10	10	.....
16	58.77	57.94	25.1	31	91	79	SW	1	SW	3	10	10	.....
17	59.11	58	25	32	92	79	N	1	S	2	8	10	.....
18	59.07	57.43	24.8	33	93	73	N	1	SW	2	7	8	.....
19	58.52	58	25.8	32	92	75	SW	2	SW	2	10	8	.....
20	58.70	57.68	26	32.2	92	76	SW	2	SW	3	7	5	8.4
21	58.72	57.20	25.4	30.6	93	81	N	1	SW	2	8	9	.....
22	58.10	55.91	26.6	32	89	76	SW	2	SW	3	5	8	.....
23	56.87	55.90	26	31.6	88	76	N	1	SW	3	10	10	17.3
24	56.62	56.01	25.5	28.4	93	83	SW	1	SW	4	9	10	.....
25	56.80	55.90	26.2	29	95	85	SW	3	SW	3	10	10	.....
26	57.23	55.94	24.6	30	95	80	SW	1	SW	2	10	10	18.3
27	57.85	56.40	26.5	30.5	92	79	SW	2	SW	3	10	10	.....
28	57.72	56.68	26.8	31.4	94	76	SW	2	SE	2	10	8	27.4
29	58.99	57.60	24.5	31	96	75	N	1	SE	2	10	10	4.8
30	59.03	58.44	24	32	95	75	N	1	S	1	10	10	.....
31	60.39	58.90	25.2	33	93	77	N	1	S	1	6	8	.....
Mean	58.09	57	25.5	30.3	91.6	79.7	1.7		2.6		9.3	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	162.9

AUGUST.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.92	58.89	25.5	31.4	91	76	N	1	S	1	10	8	4.8
2	59.40	58.48	24.8	29.7	95	84	N	1	S	1	8	10	.....
3	59.67	58.36	25.6	31.5	90	74	N	1	S	1	10	6	16.5
4	60.32	58.80	25	32	92	76	N	1	S	2	10	8	.....
5	59.39	58.53	25	33.2	95	73	N	1	W	1	8	9	.....
6	59.27	57.83	25.5	31.4	94	77	N	1	W	1	10	8	.....
7	58.73	57.90	25.4	30.8	92	80	N	1	SW	2	10	10	.....
8	58.92	57.80	25.1	29.7	94	77	SW	2	S	1	10	10	.....
9	58.32	57.65	24.6	30	92	85	N	1	SW	2	10	10	.....
10	57.72	56.95	23.5	28	90	83	N	1	SW	3	10	10	41.2
11	58.11	57.20	25	28.6	92	82	SW	3	SW	3	10	10	19.8
12	58.41	57.24	25.2	29.4	93	75	SW	3	SSW	2	10	10	34
13	58.17	57.54	24.4	30	95	78	SW	2	S	1	10	10	.....
14	58.65	57.20	25.2	32	92	76	N	1	S	1	10	8	.....
15	59.18	57.44	25	32.4	92	74	N	1	S	1	10	8	.....
16	59.04	58.12	23.6	31	95	73	N	1	S	1	10	9	.....
17	59.53	58.25	24.5	28	92	82	N	1	SW	3	10	10	19.6
18	58.52	56.77	24.4	26	93	84	SW	1	SW	2	10	10	74.2
19	57.77	57.10	24.2	29.5	95	81	SW	2	SW	2	10	10	13.2
20	58.40	57.76	25.2	29.2	92	83	SW	3	SW	3	10	10	.....
21	58.80	58.25	24.6	28	95	83	SW	1	SW	2	10	10	7.1
22	58.57	57.68	24	30.5	95	78	N	1	SW	3	10	10	61.5
23	58.41	57.30	25.2	30.4	93	77	SW	2	SW	2	10	10	.....
24	57.15	56.19	25	29	92	85	N	1	SW	4	10	10	.....
25	57.30	56.95	25.2	30	93	80	SW	1	SW	3	10	10	.....
26	58	57.18	24.6	31	94	79	N	1	S	1	10	10	.....
27	57.97	56.99	24.8	31.4	93	77	N	1	SW	3	10	10	.....
28	57.87	56.92	25.5	31	93	75	N	1	SW	2	10	10	.....
29	58.57	58.01	25.2	30.6	92	83	N	1	SW	2	10	10	.....
30	59.10	58.08	25.1	30.2	92	84	W	1	SW	3	10	10	.....
31	58.87	57.57	24.8	32	93	76	N	1	SW	2	10	10	15.5
Mean	58.65	57.64	24.9	30.3	92.9	79	1.3		2		9.9	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	307.4

MAASIN.

[$\phi = 10°\ 08'$ N; $\lambda = 124°\ 50'$ E; barometer above sea, 7.3 meters; gravity correction not applied, —1.85 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.94	57.94	24.6	31.8	93	76	N 1	SW 2	10	8	48.3
2	59.34	58.05	25	32	92	74	N 1	SW 3	10	10	.....
3	58.35	57.10	25.1	31.8	92	75	N 1	SW 2	10	10	.....
4	57.25	56.10	25.4	29.6	92	84	N 1	SW 3	10	10	.....
5	56.55	55.78	25.2	32	93	78	SW 3	SW 3	10	10	.....
6	56.82	56.18	26.4	32	92	79	SW 3	SW 3	10	10	.....
7	57.55	55.93	26	29.6	92	81	SW 3	SW 4	10	10	21.6
8	57.47	56.30	26.1	31.8	91	75	SW 2	SW 3	10	8	.....
9	58.62	56.91	26.8	29.8	94	79	SW 3	SW 3	10	10	5.6
10	58.86	56.80	26.6	32	95	76	SW 3	SW 4	10	10	.....
11	58.97	58.01	25	31	92	76	SW 1	SW 2	10	10	.....
12	59.97	58.60	24.5	31.2	94	77	N 1	SW 2	10	9	.....
13	59.78	58.34	24.9	31	92	80	N 1	S 1	10	8	.....
14	59.94	58.78	24.6	32	93	75	N 1	SW 2	10	10	7.9
15	59.93	58.68	24.5	32.1	92	74	N 1	S 2	10	10	.....
16	59.75	58.40	25.5	32	91	75	N 1	S 1	10	8	.....
17	60.31	58.60	25	31.2	93	81	N 1	S 1	10	7	35.8
18	60.17	58.88	25.1	31.8	94	74	N 1	S 1	10	10	.....
19	60.80	58.95	25.2	30.8	92	80	N 1	SW 1	10	8	11.2
20	59.47	57.45	24.8	30.2	93	77	N 1	W 2	10	10	19.6
21	58.89	56.41	24	30.6	93	76	N 1	S 2	10	10	19
22	58.04	57.36	24.4	30.2	95	78	SW 1	SW 2	10	9	.....
23	58.67	57.50	24.8	30.8	92	74	N 1	SW 3	10	8	.....
24	59.43	58.60	24.2	30.5	95	78	SW 1	S 1	10	10	.....
25	60.25	58.89	24.6	31	95	79	N 1	S 1	10	8	.....
26	60.45	58.75	24	29	95	85	N 1	S 1	10	10	8.4
27	59.59	58.41	24	29	93	85	N 1	S 1	10	10	14.7
28	59.37	56.45	24.8	30.5	93	77	N 1	S 1	10	8	.....
29	57.64	55.35	24.6	30.8	92	77	N 1	S 1	10	8	13
30	56.60	55.60	25.5	30.2	88	81	SW 2	SW 3	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.93	57.50	25	30.9	92.8	72.9	1.4	2	10	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	205.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.25	56.78	27	30.6	92	81	SW 3	SW 4	10	10	.....
2	57.52	56.35	26.4	29.1	92	82	SW 3	SW 4	10	10	.....
3	57.25	56.18	26.5	31.4	93	77	SW 4	SW 4	10	10	.....
4	58.82	57.28	26	31	95	77	SW 2	SW 2	10	8	.....
5	60.30	59	24.4	31.4	93	77	N 1	S 1	10	7	.....
6	60.47	58.88	24.8	31.8	93	79	N 1	S 1	8	8	.....
7	58.55	57.81	25	31.2	95	73	N 1	S 1	10	10	.....
8	58.37	57.70	25.1	31.2	91	77	N 1	S 1	8	9	.....
9	59.50	57.88	24	29.5	93	84	N 1	W 1	10	10	.....
10	59.03	57.52	25	29	93	83	N 1	W 2	10	10	16.3
11	59.32	57.40	23.4	29	95	85	N 1	SW 2	10	10	14
12	58.72	57.49	23.6	31	95	80	N 1	W 2	10	10	.....
13	58.32	57.08	24	30	97	78	N 1	NW 1	10	10	29.5
14	57.77	55.91	25	29.8	92	82	NW 1	SW 2	10	10	.....
15	56.52	55.36	26.6	28.4	95	85	SW 2	SW 4	10	10	.....
16	57.01	56.33	26	28.8	94	79	SW 3	SW 3	10	10	19.6
17	58.20	56.90	25	30.8	95	77	N 1	S 1	10	9	.....
18	58.61	57.10	24	31.2	91	77	N 1	SW 2	10	8	.....
19	58.92	57.09	24.8	31	87	81	N 1	SW 2	8	10	.....
20	58.06	56.63	25.5	32.2	93	76	N 1	SW 1	10	10	35.8
21	57.57	56.30	25.3	29	94	85	N 1	N 1	10	10	16.8
22	57.90	57.01	25	31.7	93	78	SW 2	SW 3	10	10	.....
23	59.37	57.94	25.4	31.4	93	79	N 1	S 1	10	9	.....
24	59.56	58.15	24.6	30.5	95	82	N 1	W 1	10	10	.....
25	59.37	57.93	24.8	31.8	95	79	N 1	S 1	8	10	.....
26	60.31	59.32	25.6	27.8	93	86	N 1	NE 1	8	10	.....
27	60.83	59.67	24.8	31.6	95	77	N 1	NE 1	9	10	.....
28	60.55	58.98	25.2	31.6	96	79	N 1	S 1	10	8	.....
29	59.62	58.20	24.6	31.6	96	77	N 1	NE 1	9	10	.....
30	58.87	57.78	25.2	31.8	97	79	N 1	E 2	10	8	.....
31	59.17	58.27	23.8	32	95	79	N 1	NE 1	10	8	.....
Mean	58.76	57.49	25	30.6	93.7	79.7	1.4	1.8	9.6	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	132

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.66	58.53	23.5	31	96	79	N 1	NE 1	10	10	.....
2	59.34	57.05	23.2	31.2	93	77	N 1	S 1	10	10	.....
3	58.73	57.61	24	30.5	95	82	N 1	NE 1	10	10	26.7
4	59.09	58.25	22.6	28.6	95	80	N 1	N 1	10	10	7.6
5	59.02	57.91	23.8	30	94	85	N 1	W 1	7	10	.....
6	59.39	57.98	24.5	31	91	79	N 1	NE 1	8	8	.....
7	58.69	57.83	25	31	92	84	N 1	E 2	10	10	.....
8	58.72	57.65	25	30	93	81	NE 1	NE 1	10	10	14.7
9	59.47	58.35	24.6	29	96	79	N 1	NE 1	10	10	.....
10	59.39	58.24	24.7	30	96	85	N 1	NE 1	10	10	31
11	59.87	58.60	24.4	30.8	93	78	N 1	NE 1	10	10	42.7
12	59.72	58.30	24	30.6	95	81	N 1	W 1	10	10	64.5
13	59.77	58.95	23.6	30.2	95	78	N 1	S 1	10	10	.....
14	59.69	59.12	22.5	29	96	81	N 1	W 1	10	10	.....
15	59.92	58.28	23	31	95	79	N 1	NE 2	8	8	.....
16	59.32	58.20	23.2	29.6	93	81	N 1	W 1	8	10	.....
17	59.19	57.80	23.8	31	95	79	N 1	W 1	7	8	.....
18	59.39	58.40	23.4	29.2	93	83	N 1	S 1	7	10	.....
19	59.82	58.70	21	31	93	79	N 1	W 1	8	7	.....
20	59.90	59.50	22	30.2	91	81	N 1	W 1	8	10	.....
21	59.79	58.57	22	30	95	80	N 1	W 1	7	8	.....
22	59.19	58.25	23.2	31.2	93	77	N 1	SW 1	7	9	.....
23	58.93	57.58	23	31	95	79	N 1	SW 2	8	9	.....
24	58.74	57.41	23.5	30.8	94	80	N 1	W 1	5	7	26.4
25	60.07	58.23	24.1	31.6	96	77	NE 1	NE 2	10	10	.....
26	59.72	58.20	23.9	30.5	94	83	N 1	NE 1	9	10	.....
27	59.76	58.40	23	30.4	94	77	N 1	W 1	5	10	.....
28	59.78	58.35	23.8	31	95	77	N 1	W 1	7	8	.....
29	59.19	57.88	23.6	30.6	95	81	N 1	SW 1	8	10	.....
30	59.07	57.90	24.5	29	91	85	N 1	W 1	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.41	58.20	23.5	30.4	94.1	80.2	1	1.1	8.6	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	213.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	57.90	23	31.4	91	76	N 1	S 1	10	7	.....
2	59.69	58.15	23.2	30.8	93	78	N 1	S 1	10	10	.....
3	59.32	57.65	24	28	95	85	N 1	N 1	10	10	224.7
4	58.98	58.10	23.5	30	94	80	N 1	W 1	10	10	7.1
5	59.04	58.30	24.4	29.6	91	84	N 1	E 2	10	10	35.6
6	59.38	58.67	23.5	31.5	89	69	N 1	NE 1	10	8	.....
7	60.55	58.87	24	31	91	79	N 1	E 2	10	8	.....
8	60.47	59.30	23.8	30	92	85	N 1	N 1	7	10	.....
9	60.07	58.64	24	30.4	91	77	N 1	S 1	9	10	.....
10	59.84	58.30	24.4	29	91	85	N 1	NE 1	10	10	9.4
11	59.29	57.97	22.8	28.8	91	82	N 1	N 1	10	10	92.7
12	58.48	57.40	23.1	28.5	96	80	N 1	N 1	10	10	91.2
13	57.87	57.15	23.2	28.6	84	82	N 1	E 2	10	10	11.2
14	58.79	58.10	23	29	91	85	N 1	NE 1	10	10	.....
15	59.29	58.56	23.5	29.2	90	83	N 1	NE 1	10	10	.....
16	59.79	59.05	22.6	28	93	83	N 1	N 1	10	10	78.5
17	59.92	58.97	22.1	29	94	85	N 1	W 1	10	10	.....
18	60.80	59.37	22.2	30.7	95	75	N 1	W 1	10	10	.....
19	60.70	59.68	22.4	28.8	95	82	N 1	N 1	10	10	27.4
20	61.10	58.87	21.5	29.7	94	79	N 1	W 1	10	10	.....
21	60.60	59.10	22	29.4	93	82	N 1	N 1	10	10	.....
22	59.15	58.16	21	29.5	92	81	N 1	NW 1	10	10	.....
23	57.84	57.85	24.2	28.6	91	80	NW 1	NW 1	10	10	.....
24	57.77	57.05	22	27	93	84	N 1	W 1	10	10	24.9
25	56.42	55.12	24.2	28.4	95	82	W 2	SW 5	10	10	.....
26	57.58	56.80	23.5	31.5	90	74	N 1	SE 1	10	9	.....
27	58.72	57.30	23.8	31.9	91	76	N 1	S 1	10	10	.....
28	59.98	58.76	22.2	31	91	72	N 1	S 1	10	7	.....
29	60.35	59.06	22	32	93	72	N 1	E 2	7	6	.....
30	60.66	59	23.6	32	95	74	N 1	S 1	6	5	.....
31	60.97	59.66	21	30.8	91	74	N 1	W 1	8	10	.....
Mean	59.46	58.29	23	29.8	92.1	79.5	1	1.3	9.6	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	602.7

SAN JOSE DE BUENAVISTA.

[$\phi = 10°\ 44'$ N; $\lambda = 121°\ 55'$ E; barometer above sea, 15.36 meters; gravity correction not applied, —1.84 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.26	57.84	23	27.5	96	81	NE 1	SW 2	10	10	0.6
2	59.51	57.93	23.5	30.1	93	71	E 1	N 2	10	6	.....
3	58.27	57.50	21.5	29.5	95	72	E 1	N 2	10	10	6.1
4	58.54	57.82	23.6	29.1	90	70	ENE 1	NW 2	8	9	5.3
5	59	57.72	22.4	28.6	96	73	N 1	SW 2	6	10	.....
6	58.41	57.77	23.5	28.5	79	68	NE 1	SW 2	9	10	.3
7	58.59	56.96	23.6	28.6	84	66	SW 2	N 3	10	10	.....
8	58.54	57.93	23.8	28.5	80	54	NE 1	ENE 4	10	10	.....
9	59.01	58.20	23	29.3	67	56	NE 1	N 2	10	10	.....
10	59.13	58.30	20	27	91	63	NE 1	N 1	9	10	.....
11	59.75	58.23	20.6	28.7	94	69	ENE 1	Calm	10	10	.....
12	58.96	57.90	21.5	29.2	95	73	E 1	N 2	6	10	8.1
13	58.02	57.58	21.5	29	96	71	ENE 1	W 2	10	10	.....
14	58.76	57.83	22	30	96	65	ENE 1	N 2	9	8	1.8
15	59.10	58.52	22.7	28.5	98	74	E 1	E 1	10	10	.3
16	59	57.96	22.5	27.5	96	73	E 1	N 2	9	10	.....
17	58.72	57.63	22.5	26.4	91	81	E 1	N 3	10	10	1.5
18	58.26	57.06	22	29.1	95	70	E 1	WNW 2	10	9	.....
19	57.61	57.28	21.5	28.3	95	79	E 1	NW 2	5	10	.....
20	58.67	57.67	20.9	28.1	92	77	NE 1	N 1	6	10	1
21	58.21	56.50	22.5	30.4	96	60	NE 1	NNW 2	10	9	.....
22	58.19	57.42	22	27.1	91	72	NE 1	NW 4	10	10	.....
23	58.42	57.33	21.1	27.6	90	66	NE 1	N 3	3	10	.....
24	57.41	55.73	23.6	27.7	90	70	NNE 2	N 4	6	10	.....
25	56.66	55.56	24.5	28.4	83	71	N 3	N 4	10	10	.....
26	57.25	56.58	23	26.4	86	73	NE 1	N 4	10	10	.....
27	56.98	56.40	22.9	28.1	89	70	NE 1	N 4	5	10	.....
28	57.34	56.50	24	28.4	83	65	Calm	N 3	9	10	.....
29	57.11	56.92	21.5	28	95	63	Calm	W 1	8	10	.....
30	57.22	57.29	21.6	27.3	96	60	NE 1	N 1	8	10	.8
31	58.12	57.17	22.5	29.5	96	68	E 1	W 1	10	10	.....
Mean	58.32	57.39	22.4	28.4	90.8	69.8	1.1	2.3	8.6	9.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.10	57.81	22.5	28.8	96	69	NE 1	W 1	9	10	.....
2	58.30	57.45	22	30.5	96	60	E 1	NW 2	3	5	.....
3	58.66	57.47	21.6	29	95	74	NE 1	NW 2	5	10	9.7
4	58.52	57.34	22.5	29.5	96	71	NE 1	NW 2	10	8	7.4
5	58.47	57.51	22	28.7	95	73	NNE 1	W 2	4	5	.....
6	58.22	56.97	21.7	29	97	72	NNE 1	W 2	5	4	.....
7	57.56	56.74	21.9	27.9	93	74	NE 1	W 1	3	10	.....
8	58.03	57.46	21	30	95	59	NE 1	N 3	5	10	.....
9	59.06	57.92	18.9	28.4	91	62	NE 1	N 3	4	10	.....
10	57.99	58.27	25.5	25.7	77	86	W 2	N 1	10	10	3.3
11	59.01	56.87	22.2	29.9	94	62	NE 1	N 2	10	10	7.6
12	58.69	57.04	23.9	27	97	80	NE 1	N 2	10	10	13.5
13	57.85	57.41	23.5	30.1	96	71	E 1	W 1	10	8	.6
14	58.57	57.62	21.7	28.7	95	69	NNE 1	W 1	5	8	.....
15	58.81	57.53	22	29.6	92	73	E 1	W 2	3	10	3.8
16	59.66	58.62	22	28.6	96	75	NE 1	W 2	7	9	5.3
17	60.26	58.46	22.5	28.7	94	73	NE 1	N 2	6	10	.....
18	59.34	58.37	22.9	27.5	92	69	E 1	N 2	3	10	.....
19	59.58	58.86	21.5	28.9	91	59	E 1	W 1	10	10	.....
20	60.33	59.03	21.5	28.9	87	59	NE 1	W 2	10	5	.....
21	60.50	59.79	21.4	27.6	88	66	NE 1	W 1	9	10	.....
22	61.16	59.78	20	29.7	90	57	NE 1	NW 2	10	5	.....
23	61.13	59.96	17.5	28.6	90	51	NE 1	W 1	5	10	.....
24	61.58	60.89	17.5	28.5	90	52	NE 1	W 1	5	9	.....
25	60.48	59.69	20.5	28.4	87	68	NE 1	W 1	10	10	.....
26	60.39	59.33	19	29.7	95	54	NE 1	W 1	9	9	2
27	60.60	60.08	20	29.6	95	58	NE 1	NW 1	5	9	.....
28	60.66	59.27	18.6	30	94	56	NE 1	NW 1	8	8	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.34	58.34	21.4	28.8	92.6	66.1	1	1.6	6.9	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.11	59.48	21.4	29.5	92	62	NE 1	N 2	9	9	.....
2	60.51	59.61	21	30.6	94	53	NE 1	NW 1	2	10	3.3
3	61.90	60.01	23	30.5	88	58	NE 1	N 2	10	10	2
4	61.99	59.17	22.9	32.4	92	39	NE 1	N 4	10	8	1.1
5	60.19	59.08	22.5	27.7	96	68	Calm	N 4	10	10	.....
6	59.96	58.90	21	29.8	95	66	NNE 1	NW 2	6	9	.....
7	59.74	58.53	23	28	91	73	ENE 1	N 1	3	10	1.2
8	58.80	57.58	22.6	27.1	90	77	N 1	N 3	10	10	.5
9	58.70	57.49	22	28.7	95	73	Calm	W 2	10	5	15.7
10	58.71	58.23	22.5	29	96	71	NE 1	W 1	5	7	.....
11	59.33	58.27	22	27.8	91	73	NE 1	N 3	8	10	.....
12	58.71	57.81	22	29.3	96	69	NE 0	NW 4	10	5	.....
13	58.41	57.76	21.5	29	95	71	NE 1	W 2	1	2	21.6
14	59.57	58.91	22.8	28.5	93	70	Calm	N 2	10	5	.3
15	59.65	58.98	20.9	29.9	92	66	NE 1	W 2	7	1	.....
16	60.38	59.32	21.4	29.1	92	68	NE 1	W 1	3	2	.....
17	60.58	59.77	21.4	28.5	89	70	NE 1	W 2	1	2	.....
18	61.27	60.12	21	29.6	92	67	NE 1	W 2	6	3	.....
19	60.83	60.07	20.5	29.6	91	64	NE 1	W 2	2	3	.....
20	59.85	58.76	21.4	29.1	96	68	NE 2	W 2	3	8	.....
21	58.87	57.23	20.9	29.4	72	66	NE 1	W 2	1	5	.....
22	59.08	58.11	21.5	30	91	65	NE 1	W 1	7	8	.....
23	59.40	57.64	22	29.6	92	67	NE 1	W 2	5	3	.....
24	57.92	57.45	22	31	87	62	NE 1	W 2	1	5	.....
25	58.60	58	22.6	30.5	95	68	NE 1	W 1	2	5	.....
26	58.64	58.11	23	31.7	91	62	NE 1	N 2	3	10	.....
27	58.29	57.36	22.6	32.4	95	55	NE 1	N 2	7	10	.5
28	59.39	57.78	23.5	29.6	91	58	NE 1	NW 2	10	10	.....
29	58.20	57.50	22.5	30.5	87	62	NE 0	W 2	8	5	.....
30	58.25	57.42	22	30.1	82	64	NE 1	W 2	6	5	.....
31	58.94	57.30	21.4	31.1	92	59	NE 1	W 2	10	9	.....
Mean	59.51	58.44	22	29.7	91.3	65	0.9	2.1	6	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.50	57.28	22.1	31.4	89	58	NE 1	W 2	10	8	.....
2	58.13	57.08	23.1	29.8	86	57	NE 1	W 2	5	10	.....
3	57.30	56.20	21.9	31.6	92	53	NE 1	W 2	10	10	.....
4	57.90	56.98	22.5	33	86	49	NE 1	NNW 2	10	6	.....
5	57.86	57.28	22	30.5	83	54	NE 1	NW 2	6	10	.....
6	57.74	56.45	22.1	28	90	78	NE 1	Calm	9	9	8.6
7	57.08	56.03	23.5	30	92	65	NE 1	WSW 2	7	6	1.8
8	57.19	56.80	21.6	29.8	90	67	NE 1	W 2	5	9	.....
9	57.96	57.20	20.6	30.4	82	60	NE 1	W 2	3	7	.....
10	58.33	57.45	21.5	30.6	82	63	NE 1	SW 1	10	10	.....
11	58.02	56.50	21.9	30.3	88	50	NE 1	N 4	10	10	.....
12	56.90	55.78	21.5	29.9	85	62	NNE 2	N 4	10	10	.....
13	56.77	56.53	23	31.6	87	59	NE 1	NW 2	10	6	.....
14	57.72	57	23.4	31.5	80	63	NE 1	W 2	10	10	.....
15	58.05	56.82	22.9	30.6	88	67	NE 1	WSW 2	9	5	.....
16	58.26	57.85	25	25.4	84	84	NE 1	Calm	10	10	2.8
17	59.02	58	22.1	30.6	89	65	NE 2	WSW 2	6	10	.....
18	59.51	58.90	22.2	31.5	86	57	NE 1	W 2	5	5	.....
19	59.67	58.68	21.1	32.5	85	52	NE 0	W 2	1	2	.....
20	59.96	59.05	23.6	30.9	71	51	NE 1	NW 1	10	10	.....
21	59.31	58.45	21.5	31.4	91	60	E 1	W 1	1	10	.....
22	58.64	57.43	23.5	30	87	65	ENE 1	W 1	4	10	4.3
23	58.52	57.85	22.6	31.5	86	60	NE 1	W 2	5	5	.3
24	59.15	58.58	23.5	30.5	91	65	NE 1	W 1	4	9	4.1
25	59.84	58.53	24.1	31.8	95	64	E 1	NW 2	10	10	.....
26	58.73	57.70	23.6	28.5	90	85	NE 1	Calm	10	10	29.9
27	57.89	56.73	24	29.7	97	77	NE 1	W 2	10	10	.8
28	57.65	57.43	23.6	24.1	93	98	NE 1	NW 1	7	10	68.3
29	58.87	57.78	22.1	31	95	69	NE 1	N 2	10	7	.....
30	58.60	57.68	22.6	31.4	90	63	NE 1	W 2	2	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.30	57.40	22.6	30.3	87.7	64	1	1.7	7.3	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120.9

SAN JOSE DE BUENAVISTA.

[$\phi = 10°\ 44'$ N; $\lambda = 121°\ 55'$ E; barometer above sea, 15.36 meters; gravity correction not applied, −1.84 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.90	57.02	22.9	31.1	92	62	NE 1	W 2	10	8	.....
2	57.45	56.72	23.4	28.6	92	73	NE 1	N 2	8	9	0.3
3	57.24	56.77	23.1	31.6	90	62	NE 0	NW 2	10	7	.....
4	58.33	57.62	23.5	31.5	91	57	NE 1	W 2	10	10	.....
5	58.64	57.22	23.4	32.2	91	63	NE 1	WNW 1	4	2	.....
6	57.46	56.04	23.3	32.2	93	56	NE 1	W 2	0	6	.....
7	57.41	55.74	23.5	33	92	61	NE 1	W 2	8	10	.3
8	56.13	56.46	24.5	24.7	92	92	NE 0	Calm	10	10	25.1
9	56.72	55.84	23.6	28.6	95	81	NE 0	Calm	10	10	31.5
10	57.39	57.61	24.1	24.5	95	95	NE 1	NE 1	10	10	7.6
11	58.21	56.90	22.5	30.5	92	70	NE 1	W 1	10	9	2.3
12	57.24	57.58	23.5	30.1	96	68	NE 0	NE 1	10	10	3.3
13	57.12	56.72	24.8	31.2	87	62	NE 1	W 2	9	5	35.8
14	58.89	58.28	24.3	29.8	94	77	N 0	W 1	10	9	.8
15	59.41	57.85	23.4	30.4	92	60	N 0	W 1	6	2	.....
16	58.40	56.41	24.3	30.7	88	67	N 1	W 2	1	2	.....
17	57.12	56.05	22.7	31.1	94	71	NE 0	W 1	3	9	3.8
18	57.59	56.85	24.1	25.2	94	95	N 1	SE 2	10	10	9.4
19	58.20	56.77	23.9	30.6	92	71	NE 1	WSW 2	10	5	2.5
20	58.41	56.96	23.1	30.5	90	68	NE 1	WSW 2	8	5	6.9
21	57.61	57.22	22.5	28	92	77	NE 1	E 2	3	9	4.8
22	58.42	57.75	23.5	30.1	83	68	NE 1	SW 1	10	4	.....
23	58.59	57.40	23.5	30.1	87	68	NE 2	W 1	8	9	.....
24	58.19	57.10	23.6	31.1	90	66	NE 1	W 2	5	6	.....
25	57.90	57.55	24	30.6	91	62	NE 1	SW 2	9	2	2.5
26	58.73	58.16	26.1	29.9	90	72	S 4	S 4	10	9	11.9
27	59.03	58.36	24.7	29	94	78	NE 1	W 1	9	10	25.7
28	59.09	58	24.1	30.5	91	72	NE 1	W 1	10	5	.....
29	58.80	57.58	24.1	31.5	91	67	NE 1	W 1	3	8	1
30	60.15	57.35	25	29.9	95	76	N 1	SSW 3	9	8	41.4
31	59.75	57.80	22.7	31	94	69	NE 1	W 1	10	10	9.1
Mean	58.11	57.15	23.7	30	91.6	70.5	0.9	1.5	7.8	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	226

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.99	58.73	23.5	28	92	85	SE 1	SE 1	10	10	3.1
2	58.91	58.14	23	26.4	91	92	NE 1	NE 1	5	10	53.6
3	58.47	56.92	22.1	28.6	96	73	NE 1	Calm	10	10	.8
4	57.89	56.99	24.1	27	95	84	Calm	SE 1	10	10	5.1
5	57.29	57.11	24.6	24.9	95	95	E 1	E 2	10	10	49.8
6	56.52	56.55	24.6	26.1	93	83	SSE 3	S 3	10	10	45.8
7	57.50	57.69	25.1	27.6	89	83	S 4	S 3	10	10	5.3
8	59.27	58.87	23.1	30.1	95	65	NE 1	SW 2	10	5	.....
9	59.22	59.21	23.4	29	88	74	NE 1	Calm	10	10	.3
10	58.75	58.23	23.8	24	90	96	NE 1	NE 1	10	10	82.3
11	58.30	58.19	23.1	25.1	96	95	NE 1	Calm	10	10	32
12	59.22	57.92	23	30	91	72	NE 1	S 3	10	5	.....
13	59.31	58.53	24.1	30.6	91	72	NE 1	SW 2	9	5	2
14	59.81	58.30	23.6	29	90	78	NE 1	Calm	10	10	1.1
15	59.10	57.68	24	30.1	92	74	NE 1	SW 2	10	9	24.6
16	59.54	58.21	24.4	29.5	92	80	NE 1	Calm	10	10	2.3
17	59.52	57.90	23.6	29.6	90	74	NE 1	W 1	10	10	1
18	58.53	58.09	24.2	24.5	95	94	Calm	NE 1	10	10	19.6
19	58.82	57.95	22.6	30.8	96	73	NE 1	W 1	10	9	.3
20	58.74	57.85	24	29.5	96	78	NE 1	W 2	10	10	11.7
21	58.59	57.02	24.1	28.4	95	82	E 1	Calm	10	10	18.5
22	57.97	57.27	23.6	27.8	95	83	NE 1	Calm	9	10	2.5
23	57.81	56.52	23.6	31.1	95	71	NE 1	W 1	9	10	8.4
24	57.44	56.23	24	31	96	72	NE 1	WSW 1	10	5	34.8
25	58.14	56.76	23.5	30	96	68	Calm	NNW 0	10	10	24.4
26	55.74	55.49	26.5	27.2	84	81	W 3	W 2	10	10	33.6
27	54.09	53.50	26.4	27	85	84	W 5	W 4	10	10	27.7
28	54	53.18	26.5	27.5	81	81	SW 5	SW 7	10	10	4.9
29	53.26	53.09	27.1	28.7	81	77	SSW 6	SW 6	10	10	5.4
30	55.51	56.04	27.4	28.9	81	75	S 4	SSW 4	10	10	2.6
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.91	57.14	24.2	28.3	91.4	79.8	1.7	1.7	9.7	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	503.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.59	58.26	24	31	96	69	S 0	S 2	10	5	.....
2	58.99	57.91	24.1	29.1	84	74	NE 1	NW 0	10	9	.....
3	58.75	57.50	24	30.5	87	69	NE 1	N 1	10	10	26.7
4	58.20	56.64	23.1	25.4	95	96	Calm	NW 1	10	10	152.4
5	57.68?	55.47	22.5	26.4	98	82	W 2	Calm	10	10	18.5
6	55.74	55.75	23	27.4	97	75	Calm	SW 4	8	10	35.9
7	57.74	57.53	25.4	27.6	85	81	SSW 2	SSW 2	10	10	45
8	58.86	58.08	23.2	28.9	98	78	NE 1	SW 2	10	10	.6
9	57.75	56.76	27	29	85	77	SSW 2	SSW 3	10	10	.3
10	56.86	56.61	27.1	29.1	83	81	SSW 3	SSW 4	9	10	4.8
11	57.39	57.47	27.4	29.6	84	75	S 4	S 4	7	9	.....
12	58.20	58.46	27.5	29.1	81	77	S 3	S 4	10	10	27.4
13	59.04	58.54	24.1	27.4	95	79	SSW 3	SW 3	10	10	35.9
14	58.81	58.15	26.6	29.1	88	75	SW 2	SW 2	10	10	.....
15	58.04	57.34	25.9	28.1	86	82	SW 3	SW 2	10	10	31.5
16	58.30	58.18	27.1?	28.7	83?	79	SSW 3	SW 2	10	10	.8
17	59.10	58.33	27	29.8	83	74	SW 2	SW 2	10	10	.....
18	59.36	58.02	25.2	30.1	93	73	S 1	SW 2	9	8	.....
19	58.81	58.61	25.2	30.4	94	72	SW 2	SW 2	9	2	.....
20	58.68	58.23	24.7	30.1	94	71	NE 1	SW 2	10	2	.....
21	59.25	58.16	24.2	30.8	90	69	NE 1	SW 2	2	2	1.5
22	58.36	56.73	24	30	92	71	NE 1	SW 3	5	5	5.8
23	57.27	56.63	25.9	30.1	89	75	SW 2	WSW 3	8	5	14.2
24	56.49	56.60	26.5	30	92	75	SW 2	SW 2	10	10	51.6
25	56.73	56.59	24.5	25.4	91	93	WSW 2	E 1	10	10	50.2
26	57.71	56.70	25.1	25.4	93	93	S 1	NW 0	10	10	49.8
27	58.06	57.25	23.2	27.6	98	80	Calm	SW 2	10	10	23.2
28	56.86	56.86	26?	27.1	90?	84	S 4	SSE 4	10	10	15
29	58.59	57.42	24.6	29.9	95	72	SE 1	S 4	10	10	1.3
30	58.77	58.32	23.8	29.6	93	72	SE 1	S 4	10	10	.....
31	60.31	59.01	22.1	29.6	81	75	NE 1	SSW 2	10	10	.....
Mean	58.14	57.49	25	28.8	90	77.4	1.7	2.3	9.3	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	592.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.20	59.06	22.9	30	91	68	NE 0	SW 1	10	9	.....
2	59.50	58.96	23.4	28.6	92	73	NE 1	NW 0	9	9	.....
3	59.52	59.06	23	30.5	87	72	NE 1	SW 1	8	8	.....
4	60.15	59.22	23	29.2	88	70	NE 1	NW 1	5	9	.....
5	59.57	58.90	22.5	30.9	86	67	NE 1	NW 1	5	5	.....
6	59.50	58.61	23.7	28.7	90	76	NE 1	SW 1	10	9	0.3
7	58.70	58.80	23.5	30.6	91	65	NNE 1	NW 1	10	9	1
8	58.76	58.41	23.1	30.1	87	70	NE 1	NW 1	10	10	.8
9	59.09	58.18	23.6	30.3	95	70	NE 1	NW 1	10	10	15.7
10	58.77	58.06	22.1	24.5	96	92	NE 1	NNE 1	10	10	22.9
11	57.85	57.57	22.1	23.5	95	97	NE 1	NE 1	10	10	107.7
12	57.63	57.04	22.5	26.8	98	86	Calm	SSW 3	10	10	43.4
13	57.57	57.74	23.4	25	97	92	Calm	NE 1	10	10	111
14	59.63	58.64	22.6	28	98	81	NE 1	W 2	10	10	8.9
15	58.86	58.65	23.5	26.8	87	78	NE 0	S 0	10	10	6.1
16	59.20	58.59	22.4	27.5	92	85	NE 1	Calm 9	9	9	14.5
17	60.24	58.54	23.5	27.1	97	84	Calm	Calm	10	10	70.9
18	58.75	58.04	23.2	26.8	98	82	NE 1	N 1	10	10	34
19	58.82	57.88	22.6	28.4	98	77	NE 1	NW 1	10	10	29.4
20	58.87	58.64	23.6	28.5	96	77	NE 1	NW 1	10	10	42.2
21	58.62	58.29	23	29.3	95	76	NE 1	NW 1	10	10	11.7
22	59.01	58.47	23.1	29.9	96	71	NE 1	WNW 1	10	5	19.3
23	59.05	58.30	23.4	25.1	97	91	SSW 1	Calm	10	10	111.5
24	57.87	56.45	22.6	27.4	98	85	Calm	SW 3	10	10	25.2
25	57.40	56.59	23.4	27.9	90	88	NE 1	NW 2	10	10	37.1
26	58.14	57.95	23.5	25.1	96	95	NE 1	N 1	10	10	45.2
27	58.30	57.68	23.3	27.1	94	87	NE 1	NW 1	10	10	77.7
28	57.99	57.38	24.1	26	97	92	NE 1	NE 1	10	10	55.8
29	59.20	58.67	21.5	30.5	91	68	NE 1	W 1	10	6	8.9
30	59.65	58.57	24	29.2	96	79	NE 1	SW 2	10	8	5.9
31	59.16	58.33	23	23.7	96	96	NE 1	SW 3	10	10	13.5
Mean	58.89	58.23	23.1	27.8	93.7	80.3	0.8	1.1	9.5	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	920.6

SAN JOSE DE BUENAVISTA.

[$\phi = 10°\ 44'$ N; $\lambda = 121°\ 55'$ E; barometer above sea, 15.36 meters; gravity correction not applied, —1.84 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.37	58.62	23.4	28.7	92	77	NE 1	S 2	10	10	1.3
2..	60.16	58.71	24	29.8	93	75	E 1	W 2	10	2	31.2
3..	58.72	57.97	23.8	27.4	93	81	NE 1	NW 2	10	10	13.7
4..	57.52	56.68	27	29.7	84	76	SW 2	SW 3	10	10	.....
5..	55.98	55.16	27.7	29.9	87	79	SW 3	SW 3	10	10	26.7
6..	56.43	56.94	27.4	28.2	86	82	SW 3	W 2	10	10	7.9
7..	57.62	56.83	23.4	30.4	97	76	NE 1	SW 2	10	5	2.5
8..	57.82	57.49	23.7	28.6	97	79	W 2	NW 2	10	10	14.2
9..	58.21	57.43	25.5	29.2	92	79	W 3	SW 3	10	10	.18
10..	58.64	58.06	27	29.5	86	76	SW 2	SW 2	10	10	5.9
11..	58.49	58.82	25.8	29.6	88	75	SW 3	SW 3	10	10	4.3
12..	59.82	59.20	24.1	30	97	73	NE 1	SW 2	10	10	.....
13..	60.44	59.40	24	31.1	96	70	NE 1	SW 1	8	5	.....
14..	60.75	59.75	22	30.6	87	71	NE 1	NW 1	9	10	.....
15..	60.32	59.33	23.1	30.5	90	72	NE 1	W 1	10	10	.....
16..	60.24	58.71	23.5	31.1	91	69	NE 1	W 1	7	4	.....
17..	60.79	58.67	23.6	28.5	90	77	NE 1	SW 1	5	7	11.7
18..	61.29	59.31	23.5	30	96	68	NE 1	WSW 1	10	9	7.1
19..	60.99	59.81	23.3	29.9	97	76	NE 1	W 1	4	8	13.7
20..	59.75	57.60	23.1	29.9	95	73	NE 1	NNW 2	10	10	12
21..	58.74	57.43	23.6	28.5	97	78	N 1	SW 1	10	9	41.1
22..	58.50	58.02	23.5	28.1	97	80	Calm	SW 3	10	10	17.3
23..	58.60	58.15	23.2	29	98	78	NE 1	SW 2	10	10	.3
24..	59.24	58.72	23.2	30.1	94	73	NE 1	SW 2	10	10	.....
25..	60.35	59.38	23.5	27	91	88	NE 1	NE 1	8	9	.3
26..	60.71	58.98	23.1	30.4	91	72	NE 1	NW 1	10	10	.....
27..	59.89	58.41	23.8	28.8	93	83	NE 1	Calm	10	10	3.8
28..	59.06	57.31	23.1	28.4	90	83	NE 1	Calm	10	10	.....
29..	57.35	55.99	23.4	28.1	92	80	NE 1	NW 1	10	10	15.2
30..	57.65	56.18	23	28	99	82	NE 1	Calm	10	10	28.2
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.11	58.10	24.1	29.3	92.5	76.7	1.3	1.6	9.4	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	276.4

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.49	57.06	26.8?	29.6	83?	77	W 1	SW 2	10	10	3.8
2..	57.07	56.54	26.6	26.8	87	88	WSW 3	NW 2	10	10	30.3
3..	56.80	56.18	26.1	27.5	89	81	SW 3	SW 4	10	10	63.2
4..	58	58.40	26.6	26.8	80	83	SSW 2	W 3	10	10	12.5
5..	60.11	59.76	23.4	28	93	81	NE 1	W 1	10	10	1.5
6..	60.76	59.45	23	30.9	91	72	NE 1	W 1	3	2	.....
7..	59.10	58.35	23.5	30.8	95	72	NNE 1	NW 1	2	9	.3
8..	59.40	58.36	23.2	28.8	93	80	NE 1	NW 1	10	10	.....
9..	59.55	58.52	23.4	29.6	88	77	NE 1	NW 0	10	10	.....
10..	59	58.15	23.4	29.5	93	77	NE 1	NW 1	10	10	5.3
11..	59.16	58.03	23.1	29.1	95	71	NE 0	WSW 1	10	8	.5
12..	58.91	58.16	22.6	28.5	95	78	NE 1	N 2	3	10	.....
13..	58.91	57.65	22.9	30.1	93	68	NE 1	NW 2	10	10	1.8
14..	58.43	57.20	23.5	29.5	96	72	SE 0	W 1	8	10	19.3
15..	56.73	55.52	26.6	29.4	87	72	WNW 4	NW 3	10	10	2.1
16..	55.44	54.94	26	27.6	89	88	SW 2	SSW 4	10	10	90.2
17..	57.50	56.08	23.6	27.2	98	86	E 2	S 5	10	10	2
18..	57.85	57.20	27	29.5	86	78	S 3	S 3	9	10	5.1
19..	57.99	57.18	27.5	30.5	84	78	S 3	SSW 3	10	10	69.6
20..	58.35	57.47	23.2	29.7	98	77	E 1	NW 1	10	9	17.8
21..	58.09	56.72	23.8	29.1	97	74	NE 1	NW 1	10	10	10.2
22..	57.87	56.87	26.6	29.7	90	80	W 2	S 3	10	10	7.7
23..	59.23	58.46	24	29.1	96	77	NE 1	SSW 3	9	10	1.3
24..	59.81	58.43	23	30.1	91	74	NE 1	NW 1	8	3	.....
25..	59.45	58.23	23.6	31	95	66	NE 1	NNW 1	8	5	.....
26..	59.90	59.23	23	30.8	96	71	NE 1	NNW 2	3	10	.....
27..	60.42	59.42	23.1	31.5	94	66	NE 1	NW 1	4	8	.....
28..	60.48	58.91	23.5	31	91	69	N 1	NW 1	6	9	.....
29..	59.79	57.26	23.8	30.1	97	71	NE 1	NW 1	4	10	.8
30..	58.38	57.22	23.5	30.9	97	67	NE 1	WSW 2	7	6	.....
31..	58.81	58	23	29.6	96	82	E 1	W 1	4	5	4.8
Mean	58.67	57.71	24.3	29.4	92	75.9	1.4	1.9	8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	350.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.09	57.27	22	32	96	60	NE 1	NW 1	7	4	.....
2..	58.54	56.97	23	31.3	87	64	NNE 1	WNW 1	1	4	.....
3..	58.53	57.34	22.6	31.1	90	65	NE 1	NW 1	1	3	.....
4..	57.89	57.58	22	29.8	92	70	NE 1	NW 1	8	10	.....
5..	58.65	57.86	22.1	30.9	95	72	NE 1	W 1	5	5	.....
6..	58.76	57.30	23	31.5	96	66	NE 1	W 2	4	3	.....
7..	59.28	57.97	23	31.6	95	63	NE 1	NW 1	8	10	.....
8..	59.19	58.41	23	31.5	92	63	NE 1	NW 1	5	7	.....
9..	59.70	58.40	22	28.6	92	78	NE 1	SW 1	5	10	0.3
10..	59.65	58.22	22	31	96	65	NE 1	N 2	8	7	1.8
11..	59.64	58.30	23.4	30	97	70	E 1	NE 1	10	10	3.6
12..	59.43	57.75	23.1	30	95	69	Calm	W 1	10	8	.3
13..	59.78	58.82	24	29.5	96	72	NE 1	NW 1	10	10	.....
14..	59.76	58.66	21.5	31.1	95	65	E 1	NW 1	1	2	.....
15..	60.20	57.92	20	31	95	66	E 1	W 1	1	2	.....
16..	59.30	57.79	21.6	31.4	95	58	NE 1	NW 1	2	5	.5
17..	59.18	58.01	23.1	31.4	96	61	NE 1	NW 1	4	2	.....
18..	59.39	58.53	22.5	29.4	91	65	NE 1	SSW 1	9	9	.....
19..	59.15	58.58	20	30	92	62	N 1	SW 2	1	2	.....
20..	60.13	58.87	21.1	29.7	95	66	NE 1	NW 1	1	2	.....
21..	59.61	58.53	21.5	31.6	91	62	NE 1	NW 1	1	8	.....
22..	59.62	58.53	22	30.5	91	63	NE 1	W 1	5	8	.....
23..	59.80	58.55	22.4	29.4	92	72	NE 1	W 1	8	10	.....
24..	60.06	58.57	22.5	30.9	91	69	NE 1	SW 1	5	9	.....
25..	59.86	58.60	22	29.4	88	71	NE 1	W 1	10	10	.....
26..	59.56	58.38	21.4	30.9	92	66	NE 1	NW 1	8	3	.....
27..	60.15	58.42	22.5	30.6	91	68	NE 1	NW 1	4	7	.....
28..	59.32	58.06	21.8	31.5	93	63	NE 1	NW 1	5	3	.....
29..	59.34	58.38	22.6	30.7	94	62	E 1	NW 1	8	10	.....
30..	59.29	58.29	21.5	30	95	65	NE 1	N 2	6	10	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.40	58.16	22.2	30.6	93.2	66	1	1.1	5.4	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.28	58.15	20	30.6	95	64	NE 1	SW 1	8	10	.....
2..	59.48	57.98	20.1	31	98	62	NNE 1	N 1	9	5	.....
3..	59.15	57.82	22.1	31	90	59	NE 1	NW 1	9	9	0.3
4..	58.08	58.01	23.5	31.5	87	66	NE 2	SSW 2	10	10	.....
5..	58.75	58.99	22.5	26.5	96	93	NE 1	W 0	10	10	5.6
6..	60.03	58.95	22	32.9	87	42	NE 2	NE 3	10	9	.....
7..	60.27	58.31	21	31.4	82	52	NE 1	W 2	8	9	.....
8..	60.58	59.80	18.5	29.6	90	55	N 1	W 1	8	9	.....
9..	60.22	58.56	20	30	85	56	NE 1	NW 1	9	10	.....
10..	59.63	57.87	20.5	32.3	91	47	NE 1	NW 1	6	7	.....
11..	59.22	57.83	18.9	29.4	91	59	NE 1	NE 1	8	10	.....
12..	58.30	57.50	23	30	87	65	E 1	NW 1	10	10	.....
13..	58.25	57.52	22	29.1	91	71	NE 1	NW 0	9	10	.5
14..	58.60	57.22	22.6	31.4	92	60	N 0	NW 2	8	9	.....
15..	59.06	58.87	23.5	31.1	96	65	NE 1	W 2	10	6	.....
16..	59.67	59.07	20	30.1	95	65	NE 1	WSW 2	8	5	.....
17..	60.28	58.71	23	29	91	71	NE 0	NNW 2	10	10	.....
18..	60.60	58.87	22.1	31.5	96	57	NE 1	NW 2	10	10	.....
19..	60.46	60.22	22.5	29.1	78?	57	E 1	W 1	10	10	.3
20..	60.65	58.41	22.5	30.6	96	56	NE 0	NNW 2	10	10	.....
21..	60.26	58.36	22.1	30.1	94	63	NE 1	W 1	6	10	.....
22..	59.33	58.70	19	30.4	95	56	NE 1	NW 2	10	10	.....
23..	59.17	58.71	19.6	29.1	89	63	NE 1	NNW 3	7	9	.....
24..	59.55	58.42	21.1	30.1	81	52	NE 1	NNW 4	10	3	.....
25..	58.08	55.18	26.4	27.1	80	77	NW 3	WNW 4	10	10	9.2
26..	55.32	56.63	25	27.1	80	75	S 5	SSE 4	10	10	12.3
27..	58.73	58.33	21.1	30.5	95	65	E 1	SSW 3	3	5	.....
28..	60.18	58.82	20	29.6	95	70	NE 1	NW 2	9	4	.....
29..	60.20	59.08	23.4	29	91	74	E 1	NW 1	10	10	.3
30..	60.45	59.21	19.6	29.6	94	66	NE 1	NW 2	7	8	.....
31..	60.88	59.45	20.4	30.5	91	56	NE 1	NW 2	4	1	.....
Mean	59.44	58.37	21.5	30	90.3	62.6	1.2	1.8	8.6	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.5

CUYO.

[$\phi = 10°\ 51'$ N; $\lambda = 121°\ 01'$ E; barometer above sea, 3.3 meters; gravity correction not applied, −1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.89	58.01	25	27.6	88	79	NNE 2	NNE 3	10	10	.....
2	59.56	58.16	26.2	27.4	86	78	NNE 4	N 3	10	8	.....
3	58.75	57.94	26.2	27.7	82	76	NNE 4	NNW 4	10	10	.....
4	58.85	57.95	26.2	27.9	81	78	N 4	NNE 4	10	9	.....
5	59.08	57.64	25.6	28.2	84	68	NNE 2	NNE 4	10	10	.....
6	58.85	58.10	25.9	26.9	71	73	NNE 4	NNE 4	10	10	.....
7	58.72	57.27	24.9	26.5	79	76	NNE 4	NNE 4	10	10	.....
8	58.82	58.15	25.2	27	71	67	NNE 4	NNE 4	10	10	.....
9	59.28	58.49	24	25.8	68	69	N 5	NNE 5	10	10	.....
10	59.35	58.75	24.2	25.7	74	72	NNE 4	NNW 4	10	10	.....
11	59.91	58.70	24.9	26.9	83	78	NNE 3	NNE 3	10	10	.....
12	59.23	58.05	25.1	27.7	87	68	NNW 2	NNE 3	10	9	.....
13	58.20	57.61	25.5	27.7	84	76	NNE 2	NNE 2	10	10	.....
14	58.73	57.90	25.7	27.9	84	77	NNE 3	NNW 3	10	8	.....
15	59.12	58.78	25.1	26.5	82	83	NNE 4	N 4	10	10	.....
16	59.38	58.31	24.9	25.9	80	75	N 4	NNE 4	10	10	.....
17	59.04	57.88	24.7	26.9	79	69	N 3	N 3	10	10	.....
18	58.54	57.35	24.9	27	79	75	NNE 4	NNE 3	10	9	.....
19	58.04	57.37	25.2	27.4	85	77	NNE 4	NNW 2	10	6	.....
20	58.63	57.56	25.3	26.5	87	83	NNE 4	NNE 4	10	10	.....
21	58.54	57.30	24.7	26.3	78	74	NNE 4	NW 4	10	10	.....
22	58.61	58.10	24.6	26.2	75	66	N 4	NW 4	10	10	.....
23	58.83	57.75	24.4	25.3	69	70	NNW 4	NNW 4	10	10	.....
24	57.86	56.46	24.6	26.2	77	71	NNE 4	N 4	10	10	.....
25	57.17	56.45	24.7	26	75	72	NNE 4	NNW 4	10	10	.....
26	57.98	57.25	24.1	25.4	77	71	NNE 4	N 4	10	10	.....
27	57.58	57.16	24.2	25.9	78	69	NNE 4	NNE 4	10	10	.....
28	57.62	56.97	24.1	25.8	78	69	NNW 4	NW 4	10	10	.....
29	57.39	57.32	24.1	25.2	79	76	NNW 4	NNW 3	10	10	.....
30	57.51	57.40	24.2	25.3	77	80	NNW 2	N 2	10	10	.....
31	58.14	57.32	24.7	26.2	89	81	NNE 2	NNE 2	10	10	.....
Mean	58.59	57.72	24.9	26.6	79.5	74.1	3.5	3.5	10	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.86	57.92	24.6	27	86	74	NNE 3	NNE 3	10	10	.....
2	58.83	57.96	24.9	27.7	87	74	N 3	NNW 3	10	6	.....
3	58.79	57.54	24.9	27.6	91	77	N 2	N 2	10	6	.....
4	58.49	57.39	24.4	27.9	91	79	NNE 1	NNE 2	10	10	.....
5	58.31	57.57	24.6	27	95	80	N 1	N 1	10	10	2.7
6	58.24	57.08	22.4	28.9	96	74	NE 1	N 1	10	10	4.3
7	57.69	56.64	25.1	28.1	85	74	N 2	NNE 2	10	10	.....
8	57.93	57.93	24.2	26.7	78	67	NNE 2	NNE 2	10	10	.....
9	59.24	58.08	23.8	25.6	81	75	NNE 2	NNE 2	10	10	.....
10	59.06	58.94	25.2	24.4	80	89	NNE 3	NNE 2	10	10	1.8
11	59.26	57.55	24.9	25.6	79	80	NNE 4	NNE 4	10	10	.....
12	58.68	57.65	25	25.7	87	84	N 3	NNW 3	10	10	2.5
13	58.32	57.59	25	27.7	88	79	N 2	NNE 2	10	6	.....
14	58.59	57.47	25	27.9	88	78	NE 2	NE 2	10	6	.....
15	58.66	57.36	25.5	28	90	81	NNE 2	NNE 2	10	9	.....
16	59.65	58.62	25.6	27.7	91	76	NNW 2	N 2	10	8	.....
17	60.50	58.86	24.9	26.7	85	74	NNE 3	NNE 4	10	10	.....
18	59.74	58.91	24.4	26	75	66	NNW 4	NNE 4	10	10	.....
19	59.82	58.96	23.9	26	79	71	N 3	NNE 3	10	10	.....
20	60.55	59.32	23.5	26.3	78	68	NNE 3	N 3	10	7	.....
21	60.75	59.96	23.8	26	80	69	NNE 2	NNE 2	10	10	.....
22	61.32	59.76	24	26.9	79	67	NE 2	NE 3	10	8	.....
23	61.27	60.23	23.6	26.6	76	64	NNE 2	NNE 3	10	10	.....
24	61.92	61.25	23.2	26.4	75	66	N 3	NNE 3	10	10	.....
25	61.17	60.15	24.4	25.5	79	80	N 2	N 3	10	10	.....
26	60.62	59.70	24.5	26.5	90	80	N 2	NNW 2	10	10	.....
27	60.95	60.35	24.6	27.2	83	75	NNW 3	NNW 4	10	10	.....
28	60.82	59.78	24.6	27.5	85	76	N 2	N 3	10	10	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.57	58.59	24.4	26.8	84.2	74.9	2.4	2.6	10	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.39	59.81	24.6	26.9	82	68	N 3	NNW 3	10	6	.....
2	60.32	60.05	24.9	26.8	70	69	N 4	NNW 4	10	10	.....
3	61.60	60.58	24.8	27.2	79	68	N 4	N 4	10	10	0.8
4	61.99	59.91	24.3	26.7	82	78	N 4	N 3	10	6	.....
5	60.62	59.51	24.9	26.8	81	71	N 4	N 4	10	10	.....
6	59.92	59.51	24.6	26.5	87	77	N 2	N 3	10	5	.....
7	59.81	58.82	24.4	26.4	87	79	N 2	N 2	10	7	.....
8	58.84	57.90	24.4	25.8	83	81	NNE 2	NNE 2	10	8	.....
9	58.84	57.31	24.5	28.7	87	68	NE 1	N 2	10	8	.....
10	58.72	58.27	24.4	27.8	87	78	NE 1	NE 1	10	8	1
11	59.23	58.88	25.1	26.9	88	77	N 1	N 2	10	10	20.3
12	58.82	58.37	25	26.7	83	79	N 3	N 2	10	7	.....
13	58.59	58.02	24.7	28.6	87	74	N 2	N 2	10	4	.....
14	59.47	59.15	25.1	29.8	84	70	N 2	N 2	10	4	.....
15	59.51	59.15	24.9	29.4	85	68	N 2	N 2	8	7	1.8
16	60.34	59.59	24.2	27.4	93	73	N 1	N 2	10	4	.3
17	60.47	59.93	25.1	28.4	83	70	N 2	N 2	10	7	.....
18	60.97	60.31	24.9	28.4	85	67	N 2	NNE 2	10	7	.....
19	60.76	60.20	24.8	27.6	82	71	N 2	N 2	10	4	.....
20	59.62	58.94	24.5	27.7	80	62	N 2	N 2	10	2	.....
21	58.73	57.46	24.8	28.4	78	65	NE 2	N 2	10	4	.....
22	58.99	58.25	24.9	28.3	82	74	N 2	N 2	8	4	.....
23	58.89	57.56	25.3	28.5	81	70	N 2	N 2	10	4	.....
24	57.86	57.80	24.4	29.2	91	70	N 2	N 2	10	8	.....
25	58.60	58.02	24.4	29.7	93	74	N 1	N 2	10	5	.....
26	58.61	58.14	24.2	30	96	69	N 1	N 2	10	10	.....
27	58.19	57.93	26.8	30.1	82	64	N 2	NE 4	10	9	.....
28	59.06	57.64	26.4	28.4	74	62	N 2	N 2	10	10	.5
29	58.25	57.85	26.3	29.5	82	66	N 2	N 3	10	8	.....
30	58.17	57.99	26.3	28.6	75	71	N 3	N 3	10	4	.....
31	58.70	57.63	26.3	28.3	81	73	N 2	N 3	10	10	.....
Mean	59.45	58.73	25	28	83.5	71.2	2.2	2.4	9.9	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.7

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.35	57.60	26	28.4	85	74	N 2	N 2	10	4	.....
2	58.27	57.39	26.2	27.7	83	73	N 2	N 2	10	10	.....
3	57.38	56.54	26.1	28	82	71	N 2	N 3	10	10	.....
4	58.17	57.33	25.9	28.8	79	67	N 2	N 2	10	10	.....
5	58.01	57.44	25.6	28.4	81	68	N 3	N 3	10	4	.....
6	57.60	56.64	26	29.2	82	71	N 3	N 2	10	4	.....
7	57.25	56.35	26.1	29.2	89	74	N 2	N 2	5	4	.....
8	57.10	57.28	25.4	29.8	85	70	N 2	N 2	4	5	.....
9	57.83	57.45	26.2	29.9	83	65	N 2	N 2	5	10	.....
10	58.49	57.63	26.4	29.6	82	72	N 2	N 2	10	9	.....
11	58.07	56.86	26.8	28.7	81	69	NNE 2	NNE 3	10	10	.....
12	57.15	56.19	26.6	29.3	59	60	NNE 2	N 2	10	10	.....
13	56.55	56.63	24.5	30.4	90	66	N 1	W 2	10	4	.....
14	57.61	56.95	26.5	30.9	86	67	W 2	NW 2	10	10	.....
15	57.62	56.78	26.3	30.4	85	68	W 2	N 2	10	8	10.7
16	58.33	57.38	25.2	29.5	94	74	NE 2	WSW 2	10	10	.....
17	58.77	58.12	25.9	29.7	85	69	NE 2	N 2	10	8	.....
18	59.29	58.89	26.4	29.2	85	67	E 2	N 2	10	8	.....
19	59.71	59.04	26.3	29.3	78	69	N 2	N 3	10	4	.....
20	60.04	59.11	26.4	28.7	79	71	N 3	N 2	8	4	.....
21	59.25	58.85	26.4	29.7	78	72	N 2	N 2	10	5	.....
22	58.59	57.52	26.9	29.9	82	73	N 2	N 2	10	4	4.3
23	58.53	58.05	24.9	30.8	93	64	N 2	SW 2	5	8	.....
24	59.27	58.73	26.3	30.3	90	74	NNE 1	NW 2	5	5	.3
25	59.71	58.67	27.3	30	82	73	N 2	N 2	10	10	.....
26	58.62	57.62	27.2	30.3	86	68	N 2	NE 2	10	10	.....
27	57.87	56.81	25.4	28.6	93	78	N 1	SSW 2	10	10	.....
28	57.42	56.73	24.6	28.9	94	76	NE 1	W 1	10	10	64
29	58.73	57.83	24.7	29.9	93	71	E 1	NE 2	10	4	.....
30	58.37	57.78	24.8	30.2	92	70	N 1	N 2	5	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.26	57.54	26	29.5	84.5	70.1	1.9	2.1	8.9	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79.3

CUYO.

[$\phi = 10°\ 51'$ N; $\lambda = 121°\ 01'$ E; barometer above sea, 3.3 meters; gravity correction not applied, −1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.79	57.19	26.6	30.3	83	74	NNE 2	NE 2	5	5	.....
2	57.26	56.68	27.1	30.1	82	68	N 2	N 2	8	5	.....
3	57.17	56.93	26.5	30.6	85	69	E 2	N 2	5	5	.....
4	58.36	58.03	26.9	30.4	86	72	E 2	NW 2	8	8	.....
5	58.61	57.29	27.3	29.9	84	69	NE 2	NE 2	10	8	.....
6	57.41	56.43	27.3	30.3	83	73	N 2	N 2	4	8	.....
7	57.38	55.87	27.6	30	84	75	N 2	N 2	8	10	.....
8	56.09	56.05	27.1	28.7	87	80	N 2	W 2	10	10	1.3
9	56.43	55.85	25	28.9	96	85	NE 1	NW 2	10	10	2.5
10	57.15	57.70	25.4	26.1	97	89	E 1	N 1	10	10	37.6
11	57.87	57.03	26.3	30.8	89	67	NE 1	N 2	10	5	.....
12	57.18	57.15	27.6	32.3	83	66	E 2	WSW 2	10	5	.....
13	56.68	56.93	27.9	31.7	77	61	E 2	NE 2	9	9	9.9
14	58.52	58.33	26.4	29.2	88	77	E 1	S 2	10	8	.....
15	58.96	57.83	24.8	31.4	96	63	N 1	NNE 2	10	9	.....
16	58.11	56.43	28	30.8	82	67	N 2	N 2	4	2	.....
17	56.72	56.14	25.2	30.9	93	67	N 1	S 2	10	8	4.3
18	57.31	56.27	26	30.1	89	75	S 2	N 1	10	10	13.5
19	57.88	56.79	25.6	30.8	95	71	E 1	S 2	10	8	.....
20	58.02	56.83	25.3	31.3	95	67	NE 1	NW 1	8	5	.5
21	57.30	57.07	24.9	28.4	93	75	N 1	S 1	2	8	.....
22	58.23	57.68	25.3	31.4	91	67	NE 1	W 2	8	8	.....
23	58.19	57.41	24.1	31.4	93	64	NE 1	W 1	3	8	.....
24	57.83	56.96	23.9	32.1	93	60	E 1	N 1	2	10	.....
25	57.65	57.27	24.9	31.9	92	64	N 1	S 2	4	4	.....
26	58.29	57.78	26.3	29.9	88	75	N 1	S 3	10	10	2
27	58.81	58.20	28.4	29.3	80	81	W 2	S 3	10	10	.....
28	58.90	57.93	25.4	30.6	92	69	NE 1	W 2	10	10	1
29	58.51	57.57	25.2	30.9	94	72	W 1	W 2	7	4	24.1
30	59.49	57.80	24.2	30.4	92	72	NE 1	S 2	10	8	4.3
31	59.27	57.84	24.3	30.8	94	67	E 1	S 2	10	10	.....
Mean	57.85	57.14	26	30.4	88.9	71	1.4	1.9	7.9	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	101

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	59.39	58.34	24.5	29.3	92	76	NE 1	N 2	10	10	2.3
2	58.54	58.30	26.9	27.3	84	87	E 2	SW 3	10	10	38.3
3	58.12	56.65	24.4	29.7	97	71	E 1	NW 2	10	10	55.7
4	57.62	56.57	23.9	29.3	97	78	NE 2	SW 2	10	10	17.3
5	56.85	56.45	25.5	29.2	93	76	E 1	S 2	10	10	10.9
6	55.14?	56.11	27.4?	26.2	84?	88	SW 4	S 2	10	10	46.5
7	56.58	57	26.6	27.3	80	76	S 2	S 4	10	10	7.4
8	58.61	58.65	25.7	29.3	85	72	E 1	SSW 2	10	10	.....
9	58.74	58.72	23.8	30.8	96	67	E 1	S 2	5	5	.....
10	58.55	57.80	29.5?	28.9	65?	76	NE 1	W 1	10	10	19.9
11	58.21	57.70	25.3	27.9	88	77	WNW 2	SW 2	10	10	.....
12	58.61	57.95	27.3	30.7	79	67	SW 2	S 2	10	10	.....
13	58.76	58.50	25	30.6	92	70	E 1	SSW 2	5	8	.....
14	59.25	57.99	24.9	29.9	95	74	E 1	S 1	10	10	.6
15	58.73	57.70	25.2	30.7	95	71	E 1	N 1	10	10	2.3
16	59.11	58.14	27.4	27.9	84	82	NE 2	SW 2	10	10	9.7
17	59.09	58.05	26.7	28.9	87	72	SW 1	E 1	10	10	6.6
18	58.52	57.78	24.9	28.8	90	73	N 1	NW 1	10	10	4.9
19	58.56	57.92	24.9	31.1	96	72	NE 1	W 1	10	5	1.3
20	58.43	57.95	24.9	29	92	81	NE 1	W 1	10	10	.....
21	58.33	57.35	25.4	29.9	89	69	NE 1	NW 1	10	10	1.5
22	57.68	56.91	25.3	28.7	94	85	E 1	W 1	10	10	.5
23	57.72	56.85	25.3	28.9	93	77	N 1	W 1	10	10	5.6
24	57.55	56.33	26.4	30.7	89	69	NNE 2	W 1	10	5	25.4
25	57.32	56.35	27.5	29.4	81	71	SW 3	W 2	10	10	56.6
26	55.50	54.93	27.4	27.9	76	79	SW 3	SW 3	10	10	20.8
27	54.06	53.16	26.9	27.6	81	79	W 4	SW 4	10	10	9.1
28	53.48	52.25	26.4	27.9	83	77	SW 5	SW 7	10	10	1
29	52.38	52.25	26.9	27.7	81	79	SW 5	SSW 5	10	10	12.7
30	55.02	55.31	26.7	28.5	85	75	S 3	S 5	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.48	56.87	26	29	87.4	75.5	1.9	2.2	9.7	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	356.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57	57.74	26.9	30.4	82	68	S 2	SSW 2	10	5	.....
2	58.57	58.05	24.5	29.9	95	73	E 1	SE 1	10	10	.....
3	58.47	57.45	27.1	30.8	81	70	NW 2	W 2	10	10	12.7
4	57.46	56.61	27.5	28.1	80	79	SSW 2	SW 2	10	10	14
5	56.24	55.26	25.4	26.6	91	77	NW 3	SW 4	10	10	19.8
6	55.12	55.21	26.9	27.9	77	77	SW 3	SW 3	10	10	.....
7	56.81	56.88	27.2	28.3	80	79	SSW 3	S 3	8	10	17.5
8	58.16	57.53	27.1	28.7	83	79	S 2	S 2	10	10	.5
9	57.16	56.20	27.6	29.1	81	76	SSW 3	SSW 2	10	10	.....
10	56.15	55.86	27.5	29.4	80	78	S 3	S 3	5	8	.....
11	56.62	56.75	27.3	29.3	83	76	S 3	S 3	8	5	.8
12	57.74	57.94	27.4	28.4	82	81	S 2	S 3	10	10	.8
13	58.59	58.16	26.7	29.5	83	78	S 2	S 2	10	10	.5
14	58.21	57.75	27.4	29.5	83	74	S 2	S 2	8	8	.....
15	57.56	56.93	27.3	29.7	85	71	S 2	S 2	10	10	.....
16	57.80	57.86	27.4	26.6	84	85	S 2	S 2	10	10	27.7
17	58.69	57.80	27.2	29.8	83	77	S 2	S 2	10	10	.....
18	58.89	57.64	27.3	29.7	84	77	S 2	S 2	10	10	.....
19	58.29	58.22	27.4	29.8	82	73	S 2	S 2	10	10	1.3
20	58.27	57.93	26.4	29.9	89	73	S 2	S 2	10	5	1
21	58.74	57.73	27.5	30.2	81	70	S 2	S 2	2	3	.....
22	57.89	56.38	27.2	29.7	84	72	S 2	S 2	3	3	.....
23	56.85	56.40	27.3	30.4	85	72	S 2	S 2	3	9	7.6
24	56.26	56.34	28.2	29.9	84	71	S 2	S 2	10	7	1.8
25	55.91	56.05	28.5	29.1	75	75	SW 2	S 2	10	10	3.3
26	56.52	55.99	27.4	27	79	86	SSW 2	SSW 2	10	10	23.1
27	57.58	57.01	23.9	27.1	95	85	S 1	S 1	10	10	50
28	56.01	56.03	26.9	29.3	85	78	S 3	S 2	10	10	14
29	57.58	57.23	26.9	27.7	81	79	S 2	S 5	10	10	10.2
30	58.09	58.12	27.3	30.2	78	74	SSW 2	SSE 2	10	10	.....
31	59.80	59.03	25.1	30.1	92	68	S 1	S 2	10	10	.....
Mean	57.52	57.10	27	29.1	83.5	75.8	2.1	2.3	8.9	8.8	206.6
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	59.89	58.95	24.2	30.1	94	68	S 1	S 2	10	10	.....
2	59.19	58.55	24.5	30.5	94	72	S 1	S 2	7	8	.....
3	59.30	58.97	25.4	30.9	89	66	S 1	S 1	10	10	.....
4	59.72	59.05	24.3	30.7	93	68	S 1	S 1	10	5	.....
5	59.12	58.69	24.3	30.5	93	68	S 1	SW 2	5	7	.....
6	59.19	58.52	27.6	30	80	72	SW 2	SSW 2	10	8	5.6
7	58.37	58.47	25.3	29.9	90	67	S 1	S 1	10	10	.....
8	58.64	58.27	27.4	30.3	78	66	SW 2	WSW 2	10	10	4.6
9	58.70	58.07	27.6	31	77	68	SW 2	SW 2	10	10	14
10	57.98	57.56	25.3	24	84	97	S 2	W 6	10	10	55.9
11	57.51	57.01	24	25.4	97	93	S 1	SSW 5	10	10	105.4
12	56.49	56.63	26	25.3	89	90	S 4	S 4	10	10	62.2
13	57.58	56.91	26	24.9	92	92	SSE 4	SSE 2	10	10	156.2
14	58.32	58.14	24.1	26.7	93	82	S 2	S 2	10	10	22.9
15	58.67	57.59	23.9	29.4	96	76	S 2	S 1	10	8	.5
16	59.03	58.71	24.5	26.9	95	83	E 1	S 2	10	10	8.4
17	59.64	58.35	25.3	29.2	91	72	S 1	SW 2	10	10	.....
18	57.99	57.83	26.9	25	83	88	S 2	WNW 2	10	10	5.9
19	58.30	57.67	26.5	27.8	85	79	SW 2	W 2	10	10	3
20	58.15	58.63	27.2?	23.4	76?	96	W 2	W 1	10	10	32.5
21	58.23	58.15	23.1	28.2	99	80	W 1	S 2	10	10	13.5
22	58.76	58.26	26.4	29.3	79	71	W 3	W 2	10	10	19
23	58.58	57.70	25.4	29.7	85	74	WSW 2	S 2	10	10	24.1
24	57.08	55.90	26.8	28.8	83	83	SW 2	SW 2	10	10	6.6
25	56.86	56.18	26.7	28.8	86	76	S 2	S 3	10	8	52.1
26	57.61	57.71	26.8	26.7	86	86	SW 2	SW 2	10	10	36.1
27	58.12	57.40	26.8	29.7	84	77	S 2	S 2	10	10	33
28	57.52	56.96	25.4	27.8	92	78	SE 1	W 3	10	10	10.5
29	58.01	58.16	23.4	27.7	95	82	E 2	SW 2	10	8	8.6
30	59.26	58.29	24.9	30.4	95	73	SW 2	S 2	10	7	13.5
31	58.81	57.56	26	28.4	85	80	S 2	S 3	10	10	17
Mean	58.41	57.90	25.5	28.3	88.3	78.2	1.8	2.2	9.7	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	711.1

CUYO.

[$\phi = 10^\circ$ 51′ N; $\lambda = 121^\circ$ 01′ E; barometer above sea, 3.3 meters; gravity correction not applied, −1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.19	58.31	24.4	28.4	93	75	SW 1	S 2	10	10	14.5
2	59.97	58.18	24.9	29.5	89	78	S 2	SW 2	10	10	7.6
3	58.35	57.59	26.3	28.9	90	79	S 2	S 3	10	10	2.5
4	57.04	55.96	27.5	29.4	82	76	S 3	S 3	10	10	.....
5	55.48	54.48	28.1	29.7	81	75	S 3	S 4	10	10	11.4
6	56.46	56.82	26.4	26.8	88	83	SW 3	W 3	10	10	5.4
7	57.17	56.35	27.4	29.3	80	78	SW 3	WSW 3	10	10	.....
8	57.64	57.08	27.6	28.9	82	82	SW 3	SW 2	10	10	19.5
9	57.39	57.51	27.3	26.7	82	82	SW 3	SW 5	10	10	2.5
10	58.56	57.64	27.3	28.9	84	79	S 2	SSW 2	10	10	5.1
11	58.65	58.59	27.7	29	82	75	SW 2	SSW 2	10	8	.....
12	59.19	58.94	27.4	29.9	86	76	SW 2	SW 2	10	8	.....
13	60.19	59.25	24.9	30.4	93	71	SE 2	S 2	10	8	.....
14	60.24	59.49	24.4	30	93	75	SW 1	SSW 2	10	10	.....
15	59.90	59.15	24.9	30	93	75	SSW 2	SW 2	10	10	.....
16	59.76	58.55	27.4	30.6	81	70	SW 2	S 2	8	10	.....
17	60.62	58.37	24.5	31.4	96	63	S 2	SE 2	10	10	.....
18	60.70	59.08	25.6	30.9	84	70	S 2	S 2	10	10	1.8
19	60.57	59.74	24.2	31.4	95	66	SW 1	W 2	8	5	15.5
20	59.69	58.01	26	30.1	89	68	NW 3	NW 3	10	10	4.3
21	58.19	57.41	26.9	28.1	85	79	NW 2	W 3	10	10	5.6
22	58.18	57.48	25.5	29.4	84	74	W 2	W 3	10	10	25.4
23	58.23	57.61	26.4	27.9	86	82	W 2	S 2	10	10	4.5
24	58.99	58.43	24.4	30.4	97	70	NW 1	S 2	10	8	1.8
25	59.85	59.19	24.5	28.3	96	81	SW 1	S 1	4	5	10.9
26	60.30	59.14	25.4	29.9	91	76	N 2	N 2	10	10	.5
27	59.68	58.32	25.4	30.2	89	74	NE 2	NE 2	10	7	3
28	58.77	57.37	26.3	29.9	83	73	N 2	NE 2	10	10	.....
29	57.44	56.57	27.2	30.4	74	70	N 1	SW 2	10	10	7.1
30	56.70	55.89	28	28.9	82	78	W 2	W 2	10	10	1.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.77	57.88	26.1	29.5	87	75.1	2	2.4	9.7	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.2

OCTOBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.21	56.85	27.7	29.3	80	74	SW 4	SW 3	10	10	.....
2	56.52	56.13	27.4	26.4	78	82	SW 3	SW 4	10	10	2.6
3	56.04	55.19	27.2	28.9	78	76	SW 4	S 4	10	10	2.3
4	57.20	57.82	26.9	27.9	82	81	S 3	S 2	10	10	.5
5	59.59	59.13	25.9	29.1	85	78	SW 2	S 2	10	10	.....
6	60.27	59.50	24.4	30.7	94	69	S 2	SW 2	10	10	.....
7	58.79	58.37	24.3	30.7	94	71	S 1	SW 2	10	10	.....
8	59.27	58.72	25.9	31.4	91	68	SW 2	SW 2	10	10	1.3
9	59.23	58.42	25.4	31.9	92	63	S 1	SW 1	10	10	.....
10	58.67	58.18	25.1	30.5	95	63	SW 1	W 1	10	10	1.8
11	58.91	58.03	24.9	30	92	69	NE 2	N 2	10	10	.8
12	58.77	58.19	24.3	30.4	94	74	N 2	N 2	10	8	5.1
13	58.88	57.85	24.4	29.1	93	70	NE 2	NNE 2	10	8	5.1
14	57.83	56	55	24.8	28.9	89	78	N 2	SW 3	9	10	11.4
15	56.55	55.26	27.8	29.2	81	70	SW 3	W 3	10	10	1
16	54.70	53.90	27.8	27.9	79	82	SW 3	S 4	10	10	3
17	56.24	55.12	27.6	27.7	84	84	S 5	S 5	10	10	8.9
18	56.74	56.22	27.6	29.7	83	76	S 4	S 3	10	10	14.5
19	57.54	57.10	27.6	30	87	74	S 3	S 3	10	10	.....
20	57.81	57.25	25.8	30.3	94	76	S 2	SW 2	10	10	.....
21	57.86	56.72	26.4	30.4	83	73	W 2	W 2	10	10	1
22	57.31	56.54	27.6	29.4	81	74	WSW 2	S 2	10	10	17.8
23	58.97	58.19	24.8	29.9	94	73	S 1	S 2	10	10	.3
24	59.75	58.36	24.9	30.4	97	66	W 2	W 1	10	10	.....
25	59.23	58.19	23.9	30.3	97	70	W 1	N 2	10	8	.....
26	59.55	59	27.3	30.4	83	72	NE 2	N 2	10	10	.....
27	60.31	59.52	27.2	29.6	84	77	NE 2	ENE 3	10	3	.....
28	60.31	59.07	27.6	29.7	79	71	NE 2	NE 3	10	10	.....
29	59.66	57.65	27.1	29.1	78	76	NE 3	NE 3	10	8	.....
30	58.24	57.10	27.3	29.8	83	75	NNE 3	NNE 2	10	9	.....
31	58.80	57.87	27.1	30.6	88	70	NE 1	NE 2	10	10	.....
Mean	58.28	57.48	26.2	29.7	86.8	73.4	2.3	2.5	10	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77.4

NOVEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.05	57.14	26.7	29.8	86	69	NNE 2	NE 3	10	5	.....
2	58.59	56.90	27.2	29.6	81	72	NNE 2	N 2	10	6	.....
3	58.54	57.45	26.7	29.2	80	72	NE 2	NE 2	10	10	.....
4	57.89	57.72	26.6	29.6	79	69	NE 2	NE 2	10	10	.....
5	58.49	57.83	26.9	29.4	78	75	E 2	NE 2	10	10	.....
6	58.65	57.54	26.9	30	84	71	NE 2	NE 2	10	3	.....
7	59.04	58.24	27.3	29.4	83	74	NE 2	NE 2	10	10	.....
8	59.06	58.59	26.9	30.2	86	71	NE 2	NE 2	10	10	.....
9	59.55	58.38	27.3	28.9	77	74	NE 2	NNE 2	10	10	.....
10	59.76	58.78	27.1	28.6	78	74	NE 2	N 2	10	10	2.3
11	59.61	58.65	26.9	29.8	82	70	NE 2	NE 2	5	10	.....
12	59.23	57.86	26.4	29.4	83	69	NE 2	NE 2	10	10	.....
13	59.73	58.88	26.2	29.4	86	72	NE 2	NE 2	10	8	.....
14	59.81	58.80	26.4	28.9	82	74	NE 1	NNE 2	10	3	.....
15	59.85	58.24	25.9	29.8	82	69	NE 2	NE 2	10	2	.....
16	59.23	58.48	26	28.5	82	73	NE 2	NE 2	10	10	.....
17	59.22	58.19	26.1	28.8	87	73	NE 2	N 2	10	10	.....
18	59.16	58.55	26.5	28.2	78	69	NE 3	NE 2	5	10	.....
19	59	58.54	26.3	28.9	73	67	NE 2	NE 2	10	4	.....
20	59.85	58.95	25.9	29.3	77	68	ENE 2	NE 2	10	3	.....
21	59.33	58.59	26.1	29.8	86	67	NE 2	NE 2	10	3	.....
22	59.43	58.65	25.7	29.6	87	75	NE 2	N 2	6	10	.....
23	59.61	58.35	26.3	29.7	87	75	NE 2	NNE 2	10	8	.....
24	59.84	58.42	26.9	29	86	83	ENE 2	NNE 2	10	10	.....
25	59.61	58.29	26.4	30	86	74	NE 2	NE 2	8	8	.....
26	59.63	58.40	26.3	29.9	88	73	NE 1	N 2	10	5	.....
27	60	58.39	26.9	29.6	82	72	NE 2	N 2	9	10	.....
28	59.35	58.09	26.9	29.4	83	68	NE 2	NE 2	10	8	.....
29	59.31	58.32	26.9	29.8	84	69	NNE 2	NE 2	8	10	.....
30	59.30	58.36	26.9	28.4	82	77	NE 3	NE 3	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.29	58.25	26.6	29.4	82.5	71.9	2	2.1	9.4	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.3

DECEMBER.

Day.	Pressure, 700 mm.+		Temperature.		Relative humidity.		Wind, direction and force (0-12).		Cloudiness.		Rain in 24 hours beginning 6 a. m.
	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	6 a. m.	2 p. m.	
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.07	58.38	26.1	29.2	84	70	NE 2	NE 2	10	10	.....
2	59.39	58.10	26.1	28.4	85	73	NE 2	NE 2	10	8	.....
3	59.16	58.04	26.8	28.2	79	77	NNE 2	N 2	10	10	.....
4	58.66	58.27	26.4	27.7	80	68	NE 3	NE 2	10	10	.....
5	58.71	59.03	26.3	26.1	88	92	NE 2	NE 2	10	10	0.5
6	60.16	59.49	26.2	28.7	82	63	NNE 2	N 2	10	10	.....
7	60.50	58.71	25.9	28.3	77	68	NE 3	NE 3	10	10	.....
8	60.54	59.75	25.6	27.7	66	66	NE 3	NE 3	10	10	.....
9	60.01	58.48	25.5	27.8	74	65	NE 2	NE 2	10	9	.....
10	59.49	58.43	25.9	28.7	75	64	NE 2	N 3	10	4	.....
11	59.20	57.88	26.1	28.3	76	74	NE 2	N 2	8	10	.....
12	58.37	57.66	26.4	27.5	81	77	NE 2	N 2	10	10	.....
13	58.46	57.46	26.2	28.3	87	80	NE 2	N 2	10	8	20.3
14	58.47	57.51	26.4	29.4	86	72	NE 2	NE 2	10	4	.....
15	59.07	58.91	26.1	28.7	87	76	NE 2	NE 2	10	4	.....
16	59.56	58.80	25.4	29.5	84	65	NE 2	N 2	10	4	.....
17	60.33	58.71	26.4	27.8	86	76	NE 2	W 2	10	10	.....
18	60.29	59.14	25.9	29.2	86	70	NE 2	NE 2	8	4	.....
19	60.71	60.33	25.1	27.3	76	76	E 2	NE 2	10	10	.....
20	60.48	59.05	26	26.9	83	77	NE 2	NE 2	10	10	.....
21	59.70	58.66	25.9	28.3	85	71	NE 2	NE 2	10	8	.....
22	59.38	58.54	25.9	28.1	76	72	NE 2	N 2	10	8	.....
23	59.22	59.01	25.7	27.9	76	70	ENE 2	ENE 2	10	8	.....
24	59.47	58.44	22.4	30.5	87	60	NE 1	W 2	10	4	.....
25	58.38	55.74	26.1	27.4	76	77	W 4	W 5	10	10	7.1
26	52.63	54.95	26	27.2	85	79	S 6	SSW 3	10	10	6.1
27	58.21	58.16	25.9	28.9	81	74	S 2	S 2	8	10	.....
28	59.74	58.49	23.3	29	93	70	E 2	N 2	10	8	2.5
29	60.29	58.86	24.6	27.7	94	78	N 2	N 2	10	10	4.1
30	60.34	59.19	25.6	28.3	87	72	NNE 2	NNE 2	10	7	.....
31	60.75	59.46	25.3	28.5	86	69	NE 2	NNE 2	10	4	.....
Mean	59.31	58.44	25.7	28.2	82.2	72.3	2.3	2	9.8	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40.6

ORMOC.

[ϕ=11° 00′ N; λ=124° 36′ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.59	57.97	22.9	27.2	99	86	Calm	S 2	10	10	1.8
2	59.65	58.17	22.6	27.3	98	79	Calm	N 2	10	9	9.1
3	58.94	58.43	23.3	25.4	99	96	Calm	Calm	10	10	6.9
4	59.04	58.11	22.8	26.2	98	90	Calm	Calm	10	10	1.6
5	59.42	58.21	23.3	25	97	91	Calm	W 2	10	10	29.7
6	59.45	57.89	21.8	24.4	98	91	Calm	Calm	10	10	30.2
7	58.87	57.39	22.7	23.8	100	93	Calm	Calm	10	10	70.7
8	59.73	58.94	24	25.9	77	72	W 2	NW 2	10	10	.....
9	60.06	58.74	23	26.6	71	71	NW 3	NNW 3	9	10	.....
10	59.72	60.19	23.1	22.9	80	98	NW 2	Calm	10	10	17.2
11	59.72	58.44	22.6	23.6	99	91	Calm	Calm	10	10	11.9
12	59.26	58.53	22	25.2	99	92	Calm	Calm	10	10	9.1
13	58.57	58.60	22.9	23.9	99	94	Calm	SE 1	10	10	10.4
14	59.11	58.22	21.5	27.4	95	82	N 2	Calm	10	10	12.2
15	59.72	59.30	23.3	26.2	97	85	Calm	WNW 1	10	10	20
16	60	57.98	22.9	26.4	97	89	Calm	WNW 2	10	9	4.8
17	59.18	57.34	22.5	28.3	97	80	Calm	NW 2	10	10	27.7
18	58.32	57.62	22.8	26.8	99	86	Calm	Calm	10	10	4.1
19	58.37	57.15	22.7	29.7	97	71	Calm	S 3	10	7	.....
20	58.94	57.61	22	26.8	97	86	Calm	SW 2	8	10	18
21	58.83	57.35	21.4	27.9	96	75	Calm	NW 2	8	10	1.3
22	58.32	57.48	23	25.3	95	86	Calm	NNW 3	10	10	3.3
23	58.58	57.17	23	25.5	90	87	NNW 2	NW 2	10	10	.3
24	57.90	55.92	23.5	25.2	96	93	Calm	NW 2	10	10	19.5
25	57.42	56.13	23	28.8	99	72	Calm	NW 1	10	10	47.5
26	57.43	57.14	22.6	24.3	100	95	NW 1	NW 2	10	10	16.8
27	57.42	56.59	23	23.2	97	98	Calm	NW 2	10	10	42.6
28	57.62	56.18	23.2	27.2	97	82	NW 2	NNW 3	10	10	.....
29	57.53	57.17	23.4	25.8	85	81	NW 2	NW 2	10	10	.5
30	57.57	56.39	22.9	28.1	96	74	NW 1	WNW 2	10	10	27.9
31	58.45	57.60	23.6	28	98	77	Calm	N 2	10	10	13.2
Mean	58.77	57.74	22.8	26.1	94.9	85.3	0.5	1.5	9.8	9.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	458.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.04	58.61	24.2	26.3	88	82	NE 4	Calm	10	10	5.6
2	59.25	58.31	24.2	26.2	90	81	Calm	NE 3	10	10	4.6
3	59.12	57.97	23.4	27.4	98	78	Calm	Calm	10	10	1.8
4	59.12	57.34	22.6	30.3	98	63	Calm	S 2	10	8	.....
5	59	57.18	20.8	31.4	96	67	NE 1	SE 3	4	6	.....
6	58.49	56.60	20.9	31	95	65	Calm	SE 3	5	5	.....
7	57.74	56.79	20.7	29	97	64	Calm	NW 2	7	9	.....
8	58.75	57.79	20.2	29	91	67	Calm	N 2	8	10	.....
9	59.85	58.47	20.1	27.5	93	73	Calm	Calm	10	10	59.4
10	59.18	58.47	22.2	24	98	99	Calm	N 2	10	10	52.1
11	59.35	56.43	22.8	30.6	99	68	Calm	SW 1	10	8	21.6
12	56.92	57.70	25	26.9	87	77	NE 2	Calm	10	10	11.7
13	59.64	57.53	23.2	31.4	97	60	Calm	NE 3	10	9	.....
14	58.68	57.23	22.4	29.6	91	74	N 2	S 2	8	8	27.9
15	58.74	57.03	23.4	29.2	98	79	N 1	E 1	10	9	8.1
16	59.85	58.67	23.9	30.6	91	68	N 1	S 3	9	9	3.3
17	60.11	59.03	23.7	25	97	93	Calm	Calm	10	10	39.6
18	60.10	58.15	22.9	29	97	67	NW 1	NW 3	10	8	.....
19	60.25	59.40	23	27.4	86	70	NW 1	NE 1	10	10	.....
20	60.85	59.65	22.7	27.6	85	62	Calm	NNE 3	10	10	.....
21	61.13	60.03	22.4	28.4	88	61	Calm	Calm	10	9	.....
22	61.64	59.78	20	29.6	92	63	Calm	SSE 3	7	9	.....
23	61.62	60.05	19.9	27.9	82	60	Calm	NNE 1	6	10	.....
24	62.03	60.50	17.9	29.4	92	58	Calm	SE 3	7	10	22.9
25	60.90	59.83	23	28.2	95	74	NW 2	SW 2	10	9	11.7
26	60.84	59.63	20.4	25.2	94	95	N 2	WSW 1	8	10	16.6
27	61.23	59.91	21.6	30.8	89	64	Calm	SW 2	7	7	.....
28	61.34	59.23	19.9	31.4	93	54	Calm	ENE 3	8	9	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.78	58.48	22	28.6	92.8	70.9	0.6	1.8	8.7	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	286.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.47	59.60	23.4	23.4	92	97	Calm	Calm	10	10	66.5
2	60.69	60.27	20.1	24.6	98	95	Calm	Calm	6	10	8.1
3	61.90	60.46	23.4	29	95	64	Calm	NNW 3	10	9	10.4
4	61.70	59.50	23.4	30	96	67	Calm	SW 3	10	8	15
5	60.59	59.81	23.2	25	97	95	Calm	Calm	10	10	24.4
6	60.50	59.06	22.8	30.4	97	65	Calm	SSE 2	8	10	4.8
7	60.02	58.62	23.9	25.4	96	89	Calm	Calm	10	10	39.9
8	57.77	57.13	23.4	24.9	97	96	Calm	S 2	10	10	21.1
9	58.47	57.15	24.9	29.4	92	74	Calm	SSE 3	10	8	17.8
10	58.84	57.58	24.1	30.3	98	73	Calm	S 3	10	7	10.7
11	59.38	58.20	23.8	29	97	69	Calm	SW 2	10	8	38.9
12	58.39	57.19	23.7	29.6	97	69	Calm	WNW 2	8	8	2.6
13	58.23	57.40	23	28.6	95	72	Calm	Calm	9	9	.5
14	59.34	58.33	23.4	29.5	96	74	Calm	SW 1	8	5	.....
15	59.44	58.43	21.4	30.6	98	58	Calm	WNW 2	8	6	.....
16	60.33	59.08	20.6	30	98	65	Calm	S 2	6	8	.....
17	60.97	59.79	20	29.9	99	69	Calm	S 2	8	8	.8
18	61.82	60.64	22.8	28.6	98	73	Calm	S 2	10	10	.....
19	61.68	60.12	21.4	28.4	95	70	Calm	S 2	5	8	.....
20	60.28	58.93	20.2	30	97	61	Calm	S 2	5	7	.....
21	59.71	57.78	20	30.4	97	63	Calm	S 2	4	7	.....
22	59.12	58.03	24	27	95	86	Calm	Calm	10	10	12.2
23	59.82	57.79	21.8	29.4	96	71	Calm	S 2	8	7	.....
24	58.77	57.63	22.3	27.3	96	86	Calm	Calm	6	9	2.5
25	59.05	57.89	22.7	29.7	97	76	Calm	S 2	10	9	.....
26	59.09	58.28	22	31.9	98	58	Calm	SE 1	7	9	7.1
27	59.49	59.36	23.6	25.8	94	85	Calm	Calm	10	10	4.3
28	59.80	59.16	22.9	26.1	92	84	Calm	S 4	10	10	1
29	59.08	58.35	22.8	28.4	91	70	N 1	Calm	10	10	.....
30	59	57.67	23.6	30.2	91	70	Calm	S 2	9	7	.8
31	60.02	57.83	23.1	31.9	96	51	Calm	NE 2	10	8	.....
Mean	59.80	58.61	22.6	28.5	95.8	74	0	1.5	8.5	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	289.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.53	57.67	22.6	31	95	62	Calm	S 2	4	9	0.5
2	58.36	57.43	23.5	24.9	96	96	Calm	Calm	6	10	24.9
3	58.07	56.96	23.7	26	96	92	Calm	SSE 2	8	10	3.8
4	58.61	57.03	21.4	30.3	96	70	Calm	NNW 2	7	10	1.5
5	58.49	57.28	23.4	29.1	95	76	Calm	WNW 2	9	9	.3
6	57.92	57	22.4	24.6	96	98	Calm	SW 3	8	10	28.5
7	58.24	56.20	20.9	31.3	95	66	Calm	S 2	7	8	4.6
8	57.76	57.23	21.8	26.4	96	92	Calm	NNE 2	5	10	14.5
9	58.08	56.58	21.4	31.1	98	73	Calm	S 3	7	7	.5
10	58.30	56.91	22.4	31.6	96	54	Calm	SW 2	9	7	.....
11	57.60	55.87	23	29.3	95	75	NW 1	WNW 3	10	10	.3
12	55.84	54.34	24.8	26	94	86	Calm	NW 2	10	10	15
13	55.87	55.84	24.3	28.6	94	68	Calm	WNW 3	10	10	2.8
14	57.49	56.73	22.6	30.4	98	72	Calm	S 2	8	10	.....
15	58.47	56.72	22.2	30.2	97	71	Calm	S 3	8	8	.....
16	58.90	57.58	22.6	30	98	71	Calm	S 2	8	8	.....
17	59.38	58.03	23.1	31.2	96	63	Calm	S 2	9	8	.....
18	60.37	58.93	21.9	30.9	96	62	Calm	S 2	8	8	.....
19	60.76	58.81	21.9	31	93	71	Calm	S 2	8	6	1
20	60.64	58.80	24	30	96	65	Calm	NW 2	9	10	15.5
21	59.75	57.96	24.6	30.8	97	73	N 1	E 2	10	10	18
22	59.69	58.74	22.9	27.4	96	85	Calm	ENE 2	10	10	5.1
23	59.16	58.25	22.3	31.1	96	71	Calm	SSW 2	6	7	2
24	60.13	58.54	22.9	32.2	97	55	Calm	E 2	7	8	.8
25	60.25	59.04	24.2	28.4	97	81	Calm	Calm	10	10	5.9
26	59.04	57.93	22.9	29.6	96	77	Calm	SSE 1	9	10	1.5
27	58.33	57.08	22.5	30	95	74	Calm	SSE 2	9	8	3.8
28	58.34	56.65	23.6	30.4	97	69	Calm	SSW 2	5	7	.....
29	59.09	57.93	23.7	30.8	94	67	Calm	SSW 2	8	6	2
30	59.38	57.83	22.8	30.7	93	63	Calm	SSW 2	6	7	1.8
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.73	57.40	22.9	29.5	95.8	73.3	0.1	2	7.9	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	154.6

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, −1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.90	57.26	22.7	28	96	80	Calm	SW 1	5	8	12.7
2	57.90	57.24	23.7	28	94	80	Calm	Calm	7	9	2.3
3	57.92	56.87	22.4	29.8	96	76	Calm	SW 2	7	8	.....
4	59.24	57.66	23.7	30.4	96	69	Calm	SW 2	9	7	.....
5	59.56	57.68	23.8	30.3	92	72	Calm	SSW 3	6	6	.....
6	58.60	56.28	26.9	31.9	73	66	E 1	S 3	6	7	.5
7	58.47	56.27	24.6	30.5	94	68	Calm	SSW 1	9	10	.....
8	57.08	55.68	23.6	31	95	69	Calm	S 3	9	8	2.5
9	57.17	56.08	24.2	29.9	97	79	Calm	S 3	10	10	.....
10	57.97	56.78	23.4	30.9	91	71	Calm	SSW 2	5	6	.....
11	58.77	56.87	23.1	31.4	94	69	Calm	SSW 1	9	10	.....
12	57.91	57.46	25.5	24.9	88	95	Calm	SSE 2	10	10	7.6
13	58.08	57.90	23.9	29	97	78	Calm	ESE 2	8	10	4.8
14	59.42	58.03	23.7	31.4	96	68	Calm	SSW 2	8	7	.....
15	59.62	58.15	23	27.3	93	84	Calm	NNE 2	7	9	.3
16	58.83	56.88	22.8	29.2	93	74	Calm	SW 2	5	8	13.2
17	57.46	55.85	22.4	30.5	96	68	Calm	SW 1	4	9	2.3
18	57.64	56.85	24.6	26.4	94	93	Calm	N 1	6	10	9.1
19	58.93	56.69	22.5	30.4	96	66	Calm	SE 2	7	7	.....
20	58.78	57.33	22.8	27.8	97	76	Calm	NE 1	4	7	.....
21	57.89	57.08	22	27.7	96	71	Calm	E 1	4	9	.....
22	58.69	57.46	21.4	31	95	63	Calm	SSE 2	2	3	.....
23	58.70	56.74	21	31.2	95	64	Calm	SSE 2	3	5	.....
24	58.54	56.41	21	31.4	95	65	Calm	S 2	4	4	.....
25	58.02	56.93	22.4	32	96	65	Calm	S 2	7	7	.....
26	58.82	57.89	24.2	31.8	95	66	Calm	S 2	7	6	.8
27	59.36	57.57	24.7	32.3	92	70	Calm	S 3	4	5	.....
28	59.19	57.63	25.3	29.8	89	75	Calm	SE 2	4	8	.....
29	59.12	57.31	24.4	32.2	89	64	Calm	S 2	4	8	.....
30	60.16	57.53	22.9	31.8	90	67	Calm	S 3	5	8	.....
31	59.78	57.86	21.8	30.2	87	76	Calm	S 2	3	7	.5
Mean	58.60	57.10	23.4	30	93.1	72.5	0	1.9	6.1	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.87	58.68	22.8	29	92	77	Calm	W 2	7	10	16.6
2	59.34	57.75	23.3	28.6	96	75	Calm	SW 1	8	10	.....
3	58.55	56.49	23.3	30.4	92	72	Calm	S 2	4	8	36.8
4	57.85	58.03	22.9	23.6	97	100	Calm	Calm	10	10	82.8
5	58.22	56.74	23.2	26.9	98	83	E 2	ENE 1	10	10	41.6
6	57.07	56.33	25.8	29.9	90	73	S 2	S 3	10	10	11.4
7	58.09	57.05	23.5	30	97	67	Calm	S 1	6	8	.....
8	59.34	58.91	23	25.8	95	91	Calm	Calm	7	10	1
9	59.43	59.76	23.9	26	96	90	Calm	Calm	10	10	2.8
10	58.59	57.32	23	26.9	98	84	Calm	E 2	10	10	2.8
11	58.68	57.33	22.4	30.2	95	63	Calm	S 2	8	9	2.3
12	59.70	57.93	24.9	31.2	94	70	Calm	S 2	9	7	.....
13	59.67	58.65	23.9	28.7	96	74	Calm	NE 1	4	10	.....
14	60.06	57.76	23.6	31.1	95	67	Calm	S 3	8	6	2.5
15	59.39	57.62	22.9	31.4	97	72	Calm	S 3	5	8	.3
16	59.74	58.03	22.8	31.2	96	64	Calm	Calm	6	8	6.6
17	59.55	58.10	22.4	28.2	96	82	Calm	NE 2	4	10	30
18	58.60	57.94	22.9	29.8	97	71	Calm	SW 2	5	10	2.8
19	59.39	58.01	23.3	30.9	97	65	Calm	Calm	6	9	3.3
20	59.29	58.05	24.3	29.9	96	75	Calm	SW 1	9	10	1.8
21	58.67	56.89	23.2	31.3	97	70	Calm	SW 2	10	8	1.5
22	58.22	56.72	23	30.3	97	68	Calm	SW 1	8	9	9.1
23	58.10	56.67	21.9	32.2	96	68	Calm	S 2	4	6	.....
24	58.07	56.29	22.4	31.2	95	71	Calm	S 2	4	7	1.8
25	57.34	56.24	24.4	30.3	95	72	Calm	NW 2	6	10	4.3
26	54.91	54.86	25.3	24.3	96	94	Calm	N 2	10	10	102.4
27	53.04	51.64	23.8	26.8	97	85	W 2	SSW 4	10	10	17
28	52.85	51.98	25	28	98	80	SSW 5	SSW 6	10	10	6.1
29	53.61	53.03	27.4	29.8	81	75	SSW 6	SSW 4	10	10	1
30	56.16	55.68	24.9	31.4	92	65	SE 2	SSE 2	10	5	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.05	56.88	23.6	29.2	95.1	75.4	0.6	1.8	7.6	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	388.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.19	57.26	22.6	31.8	96	62	Calm	S 2	4	8	.....
2	59	57.18	23.2	29.1	93	73	Calm	SW 1	4	8	1.5
3	58.25	57.05	25.3	26.2	93	86	Calm	Calm	8	10	25.9
4	57.04	55.53	23.5	30	99	71	Calm	SSW 2	10	10	1
5	55.59	54.80	24.8	29.4	92	71	Calm	SW 2	10	10	.....
6	55.42	55.38	27.1	29.9	80	74	S 3	S 3	9	9	1.5
7	58.16	56.83	27	29	77	74	S 3	S 2	10	10	9.4
8	58.64	56.93	23.9	29.4	96	76	Calm	S 2	10	10	.....
9	57.22	55.65	24.8	29.8	92	77	S 1	SSW 2	10	10	.....
10	56.71	55.80	27.9	30	75	74	S 3	S 2	9	8	.....
11	57.33	56.66	27.5	31	84	68	S 3	S 2	8	8	.....
12	58.60	57.64	27.5	31.4	84	66	S 2	S 2	9	6	.....
13	58.71	57.54	25.6	30	93	71	Calm	S 3	8	8	.....
14	58.41	56.94	25.5	29.9	86	72	ESE 2	S 3	7	8	.....
15	58.03	57.02	25.7	29.8	83	75	ESE 1	S 2	8	9	.....
16	58.18	57.44	24.5	31.6	91	71	Calm	S 3	8	8	.....
17	59.05	57.58	25.8	30.9	84	69	Calm	SSE 2	9	8	.....
18	59.23	57.12	23.3	32.4	97	60	Calm	S 2	8	4	.....
19	58.74	57.84	23	31.9	97	63	Calm	S 2	7	4	.....
20	58.43	57.43	23.9	32	96	62	Calm	S 2	8	7	.8
21	58.66	57.16	24	31.9	96	66	Calm	S 2	4	4	.....
22	57.81	55.72	22.9	32.2	96	64	Calm	S 2	4	5	.....
23	56.72	55.50	24.2	31.9	97	66	Calm	S 2	7	7	.....
24	56.23	55.44	24	30.9	96	70	NE 1	SSE 2	6	9	.5
25	56.90	55.80	25.6	30.2	93	74	Calm	S 2	10	10	.5
26	57.33	55.49	27.9	31.7	79	66	S 2	S 2	9	8	.....
27	57.72	56.23	26	31.4	89	71	SE 2	SSE 2	10	9	.....
28	57.43	56.21	27.8	31.1	82	74	S 2	S 2	10	7	9.4
29	58.72	57.28	25.4	31.8	91	69	SE 2	S 2	8	9	.....
30	58.93	58.23	23.8	32	95	65	Calm	S 2	8	8	.....
31	60.50	59.42	23.3	28.2	94	75	Calm	NW 2	8	10	.....
Mean	57.93	56.71	25.1	30.6	90.2	70.2	0.9	2	8	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	50.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.87	58.67	22.9	30.2	96	70	Calm	SW 2	4	10	1.3
2	59.32	58.24	22.8	29.8	97	71	Calm	NW 1	8	8	.3
3	59.62	58.63	22.8	29.9	97	72	Calm	NW 2	8	8	.....
4	60.16	58.61	22.6	31.5	95	69	Calm	S 2	4	7	.....
5	59.44	58.12	22.9	30.1	95	73	Calm	S 1	4	8	.....
6	59.14	57.42	23.9	31.4	96	71	Calm	S 2	8	8	.....
7	58.73	57.74	23.5	31.8	97	69	Calm	SSE 2	9	8	.....
8	58.71	57.85	24.7	29.5	93	70	Calm	NW 2	10	10	9.4
9	58.52	57.57	23	24.1	99	98	Calm	N 1	10	10	13.2
10	57.71	56.39	24.3	30.9	96	68	Calm	S 2	10	10	22.6
11	57.33	56.83	24.8	29.1	92	74	Calm	S 2	10	10	29.7
12	58.11	56.90	24.9	29.1	92	80	SSE 1	S 2	10	8	17.3
13	57.96	57.44	25.7	32.4	91	68	S 2	S 2	10	8	.....
14	59.02	57.62	24	29.4	95	81	Calm	SE 1	9	10	7.4
15	59.17	58.34	23.9	23	96	99	Calm	Calm	10	10	38.4
16	59.13	58.30	23.5	25.9	99	92	Calm	NE 2	7	10	3.5
17	59.53	57.74	23.7	29.2	97	71	Calm	NW 2	9	9	10.7
18	57.98	56.28	23.7	29.4	99	77	Calm	S 2	9	10	7.6
19	57.83	56.51	23.2	31.3	97	66	Calm	SSE 2	8	7	4.8
20	58.51	57.54	24.7	30.9	93	71	Calm	S 2	10	10	2.3
21	58.72	57.65	24	29.6	97	73	Calm	S 1	10	10	18.3
22	58.51	57.28	25.2	31.6	93	61	Calm	SW 2	10	8	12.7
23	58.15	57.29	25.6	29.6	90	75	SSW 2	SSW 2	10	10	.....
24	57.30	55.96	24.8	31.1	94	66	SE 1	S 2	10	9	.....
25	57.29	56.41	27.8	32	83	65	S 2	S 2	10	7	.....
26	57.92	56.92	24.2	31.3	93	64	Calm	S 2	9	7	.....
27	57.96	56.70	24.8	30.9	96	71	Calm	S 2	9	6	6.1
28	57.79	56.47	23.8	30.8	98	72	Calm	S 2	9	10	20.1
29	58.53	57.91	24.4	30.9	100	67	NE 1	S 2	10	9	.....
30	59.28	57.96	25	30.5	97	70	Calm	S 2	10	8	1.3
31	58.78	57.51	23.7	30.4	97	68	Calm	E 1	10	9	.3
Mean	58.58	57.45	24.2	29.9	95.2	73	0.3	1.7	8.8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	227.3

ORMOC.

[$\phi = 11°\ 00'$ N; $\lambda = 124°\ 36'$ E; barometer above sea, 5.6 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.92	57.76	23.4	31.8	97	69	Calm	S 2	5	6	.....
2	59.12	57.83	24.4	31.3	96	66	Calm	SSE 2	6	7	6.4
3	58.14	56.70	25.4	32.4	97	58	Calm	W 2	8	8	6.9
4	56.84	55.44	28?	30.3	77?	75	S 2	SSW 3	10	10	.....
5	55.89	54.73	28.6?	31.2	76?	71	SSW 4	SSW 4	8	8	.....
6	56.29	55.89	28.6	29	83	74	S 4	SSE 1	10	10	3.3
7	57.15	55.72	27.9?	32.2	79?	68	S 2	SSE 2	8	9	.....
8	57.01	55.72	28.1	30.5	79	76	S 3	S 3	9	9	.....
9	57.76	56.58	28	30.9	74	70	S 3	SSW 3	9	8	.....
10	58.76	56.76	27.9	31.4	82	71	S 3	S 3	10	9	.....
11	59.18	57.94	27.9	30.8	81	67	S 2	SSE 2	10	8	.....
12	59.90	58.38	23.8	32.4	97	60	Calm	S 2	7	6	.....
13	60.05	58.40	23	33	95	65	Calm	SSE 2	7	7	.....
14	60.31	58.70	23.1	31.2	94	69	Calm	S 2	7	10	.....
15	60.20	58.78	23.9	31.8	96	69	Calm	S 2	10	8	.3
16	59.85	58.43	24.2	32	95	67	Calm	S 2	8	9	.3
17	60.66	58.62	23.6	30.2	97	68	Calm	S 1	7	10	.....
18	60.46	58.74	23.9	31.7	96	66	Calm	S 1	7	8	.....
19	60.66	58.82	23	30.5	95	70	Calm	S 2	8	9	3
20	60.01	57.15	23	28.5	99	73	NE 2	NW 2	10	10	30
21	58.07	56.23	23.5	30.6	99	72	N 1	SSE 2	10	8	25.9
22	58.22	56.84	24	32.2	99	68	Calm	S 2	10	8	5.6
23	58.60	57.16	24.4	31.4	97	67	Calm	S 1	9	9	20.1
24	59.83	58.29	23.9	31.4	100	70	ESE 2	S 1	10	10	15.2
25	60.60	58.93	22.9	27.4	97	79	Calm	NE 1	8	9	.5
26	60.72	58.49	22.9	32	97	70	Calm	S 2	7	8	.5
27	59.72	58.19	22.9	25.8	96	99	Calm	SW 2	5	10	16.5
28	58.80	56.37	22.4	29.4	96	75	Calm	NW 2	8	9	17
29	57.22	55.14	24	29.3	99	80	Calm	NE 1	10	10	46.7
30	56.38	54.76	23.9	30.4	100	66	Calm	S 2	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.84	57.25	24.8	30.8	92.2	70.6	0.9	2	8.4	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198.2

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.69	56.52	28?	27.9	79?	81	S 4	SSW 3	10	10	0.8
2	56.94	55.38	27.5	29.2	80	74	SSW 4	SSW 5	10	10	.....
3	56.52	55.46	27.1	31.1	83	69	SSW 4	SSW 4	10	9	.....
4	58.60	58.03	27.8	31.9	76	66	S 3	S 2	9	7	.....
5	60.55	59.11	23.5	31.5	97	58	Calm	SSE 1	9	9	.....
6	60.99	58.56	22.4	33	96	68	Calm	S 2	4	7	.....
7	58.80	57.77	24	30.8	95	74	Calm	W 2	7	9	15.2
8	59.49	57.42	23	32.6	97	69	Calm	S 2	7	8	8.9
9	59.39	57.73	23.2	31.2	97	67	Calm	SSE 1	5	8	.....
10	58.97	57.28	23.4	29.4	97	71	Calm	NW 1	10	10	.....
11	59.34	57.55	23.1	26.4	97	92	Calm	NE 1	10	10	13
12	58.68	57.62	23.9	29	98	74	Calm	NW 2	9	10	.....
13	58.62	57	23.2	30.9	98	59	Calm	NW 2	10	7	1.3
14	57.73	56.15	23.6	27.9	97	82	Calm	N 2	10	10	13.2
15	56.26	54.38	24	29.4	98	81	Calm	SSW 2	10	10	.....
16	56.20	55.94	27.4	28.9	84	80	S 5	S 4	10	10	1.3
17	58.42	56.38	26.2	32.5	82	69	SE 1	SSE 2	7	5	.....
18	58.27	56.80	25.6	32.8	86	65	E 1	S 2	8	6	.....
19	58.69	56.80	23.4	32.3	96	69	Calm	S 2	4	4	.....
20	57.95	56.54	25.4	30.5	95	70	Calm	SSW 2	8	8	43.9
21	57.72	56.15	23.4	27.9	100	81	NE 2	W 2	10	10	32
22	57.74	56.63	27.8	31.6	84	67	S 4	S 4	10	9	.....
23	59.41	58.06	26.8	32.4	84	58	SE 2	SSE 2	9	4	.....
24	59.80	58.32	23	28.8	97	74	Calm	NW 2	5	9	.....
25	59.59	57.73	21.6	32.8	98	62	Calm	S 1	4	7	.....
26	60.26	59.19	22.8	32.8	97	54	Calm	SE 2	7	7	.....
27	61.09	59.67	23	30.8	93	69	Calm	SSE 2	5	8	8.6
28	60.63	59.41	26.7?	27.7	74?	82	NE 1	NE 2	8	10	2.5
29	59.97	57.50	23	26.7	96	99	Calm	SSW 2	6	10	30.2
30	59.32	57.62	23.9	30	100	67	Calm	SW 1	10	9	1.8
31	59.55	58.50	23.4	29.6	97	74	Calm	S 1	6	10	1.3
Mean	58.78	57.33	24.6	30.3	91.9	71.8	1	2.1	8	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	174

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.91	57.65	23	32.3	97	64	Calm	S 2	7	7	.....
2	58.98	57.86	22.6	27.1	95	82	Calm	E 1	7	10	4.1
3	59.34	57.70	23	31	91	59	Calm	Calm	8	6	.....
4	59.06	58.93	23.7	26	91	88	Calm	Calm	9	10	3.3
5	59.14	58	22.8	31.4	97	70	Calm	SE 1	4	8	7.9
6	59.66	57.94	23.2	30.4	91	65	Calm	W 2	7	7	2.8
7	59.71	58.21	24.5	31.2	91	64	Calm	SW 2	8	8	.....
8	59.48	58.57	23.6	30.6	91	69	Calm	E 2	6	6	2.8
9	60.02	58.53	24.7	29.6	88	74	Calm	SW 2	9	7	1.8
10	59.97	58.60	23.2	29.8	95	69	Calm	NE 1	9	9	12.7
11	60.02	58.81	25.5	25.6	81	93	Calm	Calm	10	10	23.1
12	59.77	57.88	23.4	29.2	97	78	Calm	NE 1	10	9	3.6
13	60.30	58.98	25	29.8	84	69	Calm	S 2	9	8	.....
14	59.96	58.68	26?	31.8	76?	54	ENE 1	NE 2	7	5	.....
15	60.34	58.87	23.1	27	90	84	Calm	Calm	4	10	3.8
16	59.70	58.39	25.9?	29.2	75?	75	NE 2	NNE 2	4	10	1.8
17	59.27	57.71	23.8	32	95	55	Calm	SSW 2	7	7	.....
18	59.82	58.94	21.5	26	95	84	Calm	NW 2	5	10	2.3
19	60.01	58.54	19.6	31.2	96	63	Calm	S 2	3	5	2.3
20	60.72	59.25	20.4	28.9	97	69	Calm	NW 1	4	8	.3
21	60.25	58.75	22.8	30.4	96	60	Calm	SE 2	8	8	.....
22	59.87	58.31	22.4	32.6	96	64	Calm	SSW 1	4	7	.....
23	60.22	58.08	22.2	29.5	96	75	Calm	SW 1	4	9	4.3
24	60.23	58.28	22	31.9	98	68	Calm	S 2	4	6	1.3
25	60.82	58.01	24.4	32	96	59	Calm	SSE 2	10	5	3
26	59.85	58.26	21.9	31.2	98	68	Calm	SSW 1	4	6	.8
27	60.51	58.42	22.8	31.8	95	66	Calm	S 1	4	6	.....
28	60.10	58.14	22	30.4	95	65	NW 1	S 2	4	9	.....
29	59.65	58.28	24	29.8	95	71	Calm	NE 1	8	10	.5
30	59.43	58.45	23.6	30.6	95	72	Calm	E 2	8	10	3.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.87	58.37	23.2	30	92.4	69.9	0.1	1.4	6.5	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85.8

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.98	58.36	22.6	31.5	94	54	Calm	NE 2	9	7	.....
2	59.38	58.03	21.8	31.3	95	48	Calm	NE 2	10	7	.....
3	59.25	57.16	25.4	29	84	72	Calm	N 2	10	10	35.3
4	59.11	57.94	23.4	31.4	97	72	NNE 2	S 2	10	10	8	4.6
5	59.37	58.92	24.4	30.9	98	56	Calm	NE 3	10	9	21.1
6	60.29	59.19	22.9	30.4	92	56	Calm	ENE 1	9	8	.....
7	61.06	59.04	22	31.7	91	52	Calm	ENE 2	8	6	.....
8	60.70	59.50	20.8	29.1	93	60	Calm	NE 2	4	7	.....
9	60.53	58.55	22.6	30	89	62	Calm	SE 2	9	8	.....
10	60.06	58.38	22.9	29	83	69	NE 2	NW 2	6	9	3.3
11	59.74	57.69	22.8	28.4	98	82	Calm	W 1	10	10	9.9
12	58.77	58.03	23.9	25.5	97	98	Calm	Calm	10	10	28.7
13	58.16	57.43	26.9?	27.8	72?	78	ENE 2	Calm	10	10	1.3
14	59.42	58.30	23.4	27.4	93	84	Calm	SW 2	9	10	11.5
15	59.77	59.03	23.1	31.8	99	64	Calm	S 2	7	7	.....
16	60.06	59.24	21.2	27.4	96	81	Calm	SW 1	4	10	3.8
17	60.57	58.97	24.4	30	95	71	Calm	SSE 1	10	9	.....
18	61.27	59.28	21.9	29.8	96	72	Calm	S 2	9	9	5.6
19	61.20	60.10	22.9	24.8	99	92	NW 1	Calm	10	10	27.9
20	61.46	59.24	21.6	27.2	98	86	Calm	NW 1	10	10	2.5
21	60.22	58.21	24.2	29	93	72	Calm	Calm	10	10	.5
22	59.10	57.81	20.4	28.1	96	69	Calm	NW 3	10	10	.5
23	58.32	57.89	23.8	27.6	93	73	Calm	NNW 3	10	10	1.3
24	58.27	56.85	24	26.2	98	82	Calm	NW 3	10	10	24.6
25	55.47	53.83	24.4	25.8	91	88	SW 4	SSW 5	10	10	6.4
26	57.69	56.79	25.6	29.9	78	65	ESE 2	SE 2	10	9	.5
27	59.24	58.19	22.4	31.1	97	62	Calm	S 2	5	5	.....
28	60.12	58.61	20.8	31	96	67	Calm	S 2	3	7	.....
29	60.37	59.02	23	30.4	95	65	Calm	SSW 2	7	6	.....
30	60.65	59.07	21.5	29	95	70	Calm	S 2	4	9	.....
31	61.54	59.39	19.1	30.8	95	56	Calm	E 2	3	7	.....
Mean	59.71	58.32	22.9	29.1	93.1	70.3	0.4	1.8	8.3	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	189.3

GUIUAN.

[$\phi = 11°\ 02'$ N; $\lambda = 125°\ 44'$ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.71	57.58	23.2	26	97	93	Calm	S 2	8	10	78.7
2	59.42	58.26	22.5	28.6	96	78	ENE 1	N 3	8	7	34
3	59.06	57.90	24	26.8	91	89	NE	2 NE 2	9	9	70.9
4	59.45	58.67	22.9	24.6	96	91	Calm	N 3	10	10	57.1
5	59.70	58.32	23.8	23.8	96	92	NE	2 N 4	10	10	256
6	59.23	58.46	23.2	24.6	97	87	N	5 NNE 3	10	10	54.4
7	58.04	57.39	24	24	95	91	NE	4 NNE 5	10	10	126.7
8	60.36	59.02	23.3	25.5	88	76	NNE	5 NNE 6	10	10	19.1
9	60.25	58.92	22.7	25.1	87	76	NNE	6 NNE 5	10	10	16.5
10	59.44	59.27	23.1	24.9	95	87	NNE	5 NNE 5	10	10	28.2
11	59.50	59.65	24.9	25	89	85	NE	4 NNE 4	8	10	168.9
12	59.69	58.50	23.3	26.4	96	85	ENE	4 NE 4	10	10	24.2
13	58.32	58.29	25	27.6	85	81	NE	4 NE 2	10	10	12.4
14	58.84	58.37	23.7	26.2	97	83	Calm	NE 2	8	9	30
15	59.69	59.22	23.8	26.2	95	84	NE	1 NE 3	10	10	57.6
16	59.99	58.08	23.5	25.7	95	85	NE	2 NE 4	9	10	15.2
17	58.96	57.70	24.3	27.7	90	76	NNE	3 NE 4	9	9	12.7
18	58.42	57.70	24.2	26	89	88	NE	2 NNE 3	6	9	10.9
19	58.36	57.36	21.1	29	95	72	Calm	NE 2	1	3	9.9
20	58.78	57.75	24.7	29.2	88	73	NE	2 N 3	7	7	.....
21	58.66	57.82	25.4	26.6	84	77	N	4 NNE 4	10	10	25.1
22	57.95	57.18	23.4	24.7	96	87	NNE	5 N 5	10	10	70.6
23	58.13	57.11	23.7	25	95	84	N	3 NNE 3	10	10	24.3
24	57.62	56.02	24.2	25.8	91	87	NNE	3 NNE 3	9	10	6.3
25	57.60	56.22	23.2	27.1	95	82	ENE	2 NE 3	10	10	22.6
26	56.84	57.27	24.3	24.8	93	91	NE	3 WNW 2	10	9	77.5
27	57.19	55.74	23.8	24	96	95	NE	4 NNE 5	10	10	82
28	57.20	55.84	23.8	25.5	95	88	NNE	4 NNE 5	10	10	37.1
29	57.17	56.83	23.3	24.1	96	97	NNE	4 NNE 4	10	10	121.4
30	57.29	55.90	23.9	27	96	91	N	4 NNE 3	10	9	103.6
31	58.02	57.60	23.3	26.2	92	86	NNE	2 NE 4	10	9	134.9
Mean	58.64	57.74	23.7	25.9	93.1	85.1	2.9	3.5	9.1	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,788.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.39	58.35	22.9	24	96	92	NE	6 NE 5	10	10	91.9
2	59.66	58.47	23.7	23.9	95	96	ENE	4 ENE 4	10	10	65.8
3	58.82	58.10	23.7	29.3	96	77	Calm	SSE 2	10	9	8.8
4	59.39	57.64	23.1	28.5	97	75	Calm	E 2	9	5	7.4
5	59.04	57.42	22.1	30.8	96	70	ENE	1 SE 2	3	4	.....
6	58.41	56.68	21	27.8	96	76	Calm	E 2	3	7	.....
7	57.68	57.15	22.5	26.6	95	76	Calm	N 3	6	9	1.5
8	58.43	57.86	24	27.2	75	62	N	4 N 4	4	6	.....
9	59.75	58.87	23	23.8	88	87	N	2 N 2	10	10	199.9
10	59.03	57.88	23.2	25	97	93	NNE	2 NE 2	10	10	65.8
11	59.10	57.45	23.4	27.5	96	87	N	2 NNE 4	10	9	9.6
12	58.62	58.57	25.4	25.4	88	80	ENE	3 Calm 9		10	165.9
13	59.82	58.36	23.2	25.1	90	92	Calm	NNE 2	10	10	23.6
14	58.65	57.59	23.6	27.2	97	84	Calm	NNE 2	9	10	30.7
15	59.04	57.26	23.9	27.5	96	82	NE	1 NE 2	9	8	.5
16	60.26	58.59	24.3	26.9	92	83	Calm	N 3	9	9	12.2
17	60.04	58.69	24	28	94	77	Calm	NNE 3	9	4	14.5
18	60.05	58.49	23.4	25.1	91	80	NNE	4 NNE 4	8	10	6.3
19	60.04	59.45	23.8	26.6	84	68	NNE	4 NNE 4	10	10	1
20	60.60	60.10	23.6	26.6	80	69	NE	4 N 4	9	9	.....
21	61.04	60.40	24.2	26.7	74	66	NNE	3 NNE 3	9	10	2
22	61.14	60.39	23.1	26	86	65	NNE	2 NNE 4	9	9	.8
23	61.36	60.51	23.6	27.5	70	56	NNE	3 NNE 3	5	4	.....
24	61.54	60.45	23.5	27	76	73	NNE	2 N 4	9	10	31.2
25	60.80	60.33	24.6	29.2	94	69	NE	1 NE 3	9	5	1.5
26	60.65	59.71	24.9	27.5	86	81	NE	2 NE 4	7	9	3.5
27	61.16	60.40	24.6	28.4	87	73	NE	1 NNE 4	9	9	4.3
28	61.05	59.70	24.2	28.5	86	70	N	1 NE 3	9	8	7.6
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.81	58.74	23.6	26.9	89.2	77.1	1.9	3	8.3	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	751.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.32	59.38	23.4	28.6	96	66	NNE 1	NE 3	9	5	20.3
2	60.81	59.83	23.1	26.5	96	81	NNE 2	NNE 4	10	10	71.7
3	62.02	60.49	23.5	26.2	89	83	NNE 4	NNE 4	9	9	42.4
4	61.59	59.96	25	27	83	83	NNE 4	NE 3	6	10	3.8
5	60.64	59.26	25	27.8	88	82	NE	3 NE 3	9	7	14.7
6	60.54	59.72	25.3	28.2	90	80	NE	2 NE 3	6	9	20.1
7	59.75	58.27	25.7	25.8	86	88	NE	4 NE 2	10	10	123.2
8	57.79	57.34	23.9	25.2	96	90	ENE	3 S 3	10	10	14.7
9	58.52	57.23	24.9	30.5	94	78	S	2 SE 2	9	5	.....
10	58.66	57.55	25.4	31.4	91	75	SE	3 SE 2	7	7	.....
11	59.01	57.61	25.4	28.8	92	78	SSW	2 SSW 3	6	6	.....
12	58.01	57.12	24	29.7	93	76	Calm	S 2	8	4	4.6
13	58.51	57.74	24	27.4	91	83	ESE	2 ENE 2	5	7	1.8
14	59.20	58.39	23.1	30	97	77	Calm	SE 2	7	3	2.5
15	59.22	58.20	21.6	29.5	97	75	Calm	SSW 2	3	3	.8
16	60.12	59.28	23.9	28.9	91	71	N	2 NNE 3	8	4	10.2
17	61.25	60.40	22.9	27.5	94	78	N	1 NE 3	9	7	11.9
18	61.90	61.31	24.8	28.1	76	63	NE	3 NNE 4	9	4	.....
19	61.71	60.44	23.6	28.3	82	66	NNE	1 NNE 4	5	4	.....
20	60.26	59.24	24.4	28.5	76	62	N	3 NNE 3	7	6	.....
21	59.70	58.40	22.1	29	91	71	NNE	1 NNE 4	4	7	1
22	59.36	58.24	23.5	27.8	93	82	N	2 N 2	8	9	47.3
23	59.60	58.42	23.9	27.1	91	81	NNE	1 NNE 3	7	9	2.8
24	58.69	57.78	25.1	28.5	91	78	NE	2 NE 3	7	6	2.8
25	59.24	58.42	25	29.6	92	75	NE	1 NE 3	7	7	.....
26	59.10	58.84	25.6	30	92	75	NE	1 NE 2	9	7	9.4
27	59.70	59.43	24.9	27.2	91	79	NE	2 NE 2	8	10	4.9
28	59.56	58.99	25.1	28.2	83	73	NE	4 NE 3	7	9	.....
29	59.44	58.64	25.7	28.5	81	75	NE	2 NE 3	9	9	19
30	59.09	58.24	24.7	29.5	90	76	ENE	2 ENE 3	4	5	3
31	59.76	58.58	25.1	30	91	70	ENE	2 ENE 3	7	6	3.6
Mean	59.78	58.80	24.3	28.4	89.8	76.5	2	2.8	7.4	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	436.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*–10*	*mm.*
1	59.28	57.98	25.2	29.2	86	75	ENE	2 NE 3	4	5	4.6
2	58.32	57.08	24	28.5	95	79	NE	1 NNE 2	6	7	29.5
3	58.18	56.78	24	29.2	95	74	NE	1 NE 3	9	7	16.2
4	58.39	57.52	25	28.5	85	77	NE	2 NE 3	5	5	14.2
5	58.03	57.46	24.7	29.1	93	76	NNE	2 NE 3	8	7	5.6
6	57.78	56.59	24	29.5	95	75	Calm	NE 3	7	7	.8
7	57.87	56.67	24	30	91	70	Calm	NE 3	4	6	.....
8	57.92	57.05	25.4	30.1	88	73	NE	2 NE 3	5	7	1
9	57.76	56.93	25.4	29.7	89	73	NE	2 NE 3	7	7	1.8
10	58.09	57.10	25	30	84	69	NNE	1 NE 3	6	5	.....
11	57.03	55.35	25	28.2	92	82	NNW	2 N 4	9	10	7.3
12	54.52	52.94	24	25	91	89	NNW	2 WNW 4	10	10	40.2
13	54.35	54.92	25.4	27.4	88	86	W	4 SW 5	10	9	.....
14	56.99	56.18	22.1	29.1	95	78	Calm	WSW 3	8	4	.....
15	58.19	56.75	22.2	29.7	96	74	Calm	S 2	1	3	2.5
16	58.58	57.57	24.5	29.5	95	71	NNE	1 NE 3	10	3	.....
17	59.27	58.45	24.9	29.5	86	68	NNE	2 NNE 3	6	5	.....
18	60.46	59.44	25.1	29.8	78	67	NNE	2 NE 3	9	1	.....
19	60.50	59.30	25.4	29.6	80	66	NNE	3 NNE 2	4	3	.....
20	60.31	59.12	23.9	28.2	91	83	Calm	NNE 2	7	7	9.9
21	59.40	58.61	25.4	29.8	89	77	NE	1 NNE 3	6	7	3.8
22	59.21	58.68	24.9	24.9	95	88	Calm	NNE 2	9	10	36.3
23	58.97	58.95	23.7	30	89	75	Calm	NE 3	4	6	.....
24	60.26	59.19	24.6	29.9	94	76	ENE	1 NE 3	8	9	29.4
25	60.21	59.34	23.5	29	96	81	Calm	NE 2	7	8	10.2
26	59.22	58.45	23.7	29.9	97	72	Calm	NE 2	6	9	9.9
27	58.47	57.54	23.5	28.5	95	80	Calm	E 1	4	8	4.6
28	58.49	57.42	22.5	30.5	96	68	Calm	E 2	1	3	5.6
29	59.04	58.74	22.8	29	97	72	Calm	NE 2	7	3	1.3
30	59.39	58.29	23.3	30	95	69	Calm	NE 3	3	3	5.8
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.48	57.55	24.2	29	91.2	75.4	1	2.8	6.3	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240

GUIUAN.

[$\phi = 11°\ 02'$ N; $\lambda = 125°\ 44'$ E; barometer above sea, 4.5 meters; gravity correction not a pplied, —1.83 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	58.62	57.67	24.4	27	93	84	Calm	Calm	7	9	3.1
2..	57.80	57.41	25.8	26.3	85	85	NE 2	NE 2	7	10	33.3
3..	57.96	57.27	25	30.3	92	72	ENE 2	NE 3	6	4	1
4..	58.87	58.45	24.4	30.2	92	71	Calm	ENE 2	5	7	1.8
5..	59.50	58.48	24.2	30.5	95	68	Calm	ENE 2	9	4	.....
6..	58.50	57.02	26.4	30.1	88	72	ENE 2	ENE 3	4	4	7.6
7..	58.03	56.51	23.6	30.4	97	75	Calm	W 2	9	9	14.7
8..	57.54	56.27	23.8	26.7	94	92	NE 4	NE 1	10	10	57.9
9..	57.23	56.42	24.4	29.3	96	77	E 2	E 2	10	9	2.5
10..	58.28	57.37	23.1	30.2	97	77	Calm	S 2	4	6	.....
11..	58.68	57.15	25.1	29.3	94	77	NNE 2	NNE 2	9	9	26.7
12..	58.17	58.09	25.2	25.2	92	93	ENE 2	ENE 1	10	10	34.8
13..	58.16	58.15	24.6	29.6	95	81	ENE 2	SSE 3	9	7	28.2
14..	59.35	58.53	23	30	96	70	NE 1	NE 2	7	6	4.6
15..	59.47	58.10	24.5	30.5	93	72	ENE 1	ENE 3	6	5	11.4
16..	58.23	56.92	24.7	30.5	93	70	NE 1	NNE 2	3	4	1.8
17..	57.18	56.03	24	29.5	97	78	ENE 1	NE 2	5	9	4.1
18..	57.48	56.93	25.9	29.9	91	73	ENE 2	E 2	7	6	.8
19..	58.62	57.17	23.7	29.6	97	73	Calm	NE 3	5	5	3.3
20..	58.13	57.19	24.1	30.5	97	68	Calm	NE 2	2	3	5.8
21..	57.72	56.94	24.4	30	91	68	Calm	NE 3	7	6	23.9
22..	58.24	57.48	23.1	30.8	96	65	Calm	Calm	1	1	.....
23..	58.17	56.74	22.5	30.5	96	65	Calm	WSW 2	1	3	.....
24..	58.17	56.60	24.1	31	94	76	Calm	SSW 2	3	2	.....
25..	57.61	57	27.4	31.9	87	67	S 3	SSE 2	5	8	.....
26..	58.55	57.91	27.6	30.9	84	76	S 3	SSW 3	5	3	.....
27..	59.05	57.85	27.6	32.8	91	64	SSE 2	SE 2	3	4	.....
28..	59.58	57.55	27.1	32.6	86	68	WSW 2	SE 2	1	3	.....
29..	59.07	58.16	24.2	32.1	94	62	Calm	SE 2	2	6	.....
30..	59.80	58.18	22.5	32	95	60	Calm	SSE 2	6	4	.....
31..	59.64	58.28	24.2	31.2	93	64	Calm	ENE 2	2	7	.....
Mean	58.43	57.41	24.7	30	92.9	73	1.1	2	5.5	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	267.3

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.53	58.64	25.9	29.2	88	76	SW 2	NNE 2	6	6	21.3
2..	58.80	57.94	25.2	27.3	93	84	W 2	W 2	9	9	7.1
3..	58.32	56.90	22.9	30.5	95	70	Calm	NNE 3	5	6	21.1
4..	57.93	56.90	24.1	26	97	91	Calm	Calm	10	10	13.7
5..	57.67	56.70	25.7	31.2	91	74	W 2	ESE 2	9	7	3.3
6..	56.94	56.29	26.8	31.6	82	73	SSW 4	SSE 2	6	3	.....
7..	58.05	57.34	26.9	31	80	69	SW 2	S 2	1	5	1
8..	58.99	58.48	23.5	29.2	95	92	NNE 1	NE 2	4	9	31.7
9..	59.28	59.58	24.4	26	91	85	NNW 1	NW 1	10	10	17.8
10..	58.55	57.25	23	28	95	77	NW 1	WNW 2	9	9	2
11..	58.17	57.33	25.8	29.5	81	70	WSW 2	SW 3	9	3	.....
12..	59.66	58.23	27.1	31.9	88	71	S 2	SSE 2	8	3	.....
13..	59.61	58.57	26	32.1	91	71	SE 1	SE 2	3	4	.....
14..	59.62	58.14	24.4	31	95	68	Calm	NE 2	3	7	6.9
15..	59.23	58.03	25.4	30.5	93	71	Calm	ENE 2	7	5	.5
16..	59.65	58.42	25.9	31	92	68	ESE 1	ESE 2	4	4	1.3
17..	59.32	57.97	24.1	30.6	96	68	Calm	E 2	1	6	.....
18..	58.67	58.07	24.4	29.4	95	78	Calm	E 2	7	7	5.8
19..	59.09	58.42	23.9	29.6	95	71	Calm	E 2	6	9	1.8
20..	59.18	58.10	25.9	29.2	88	74	E 1	E 2	7	9	53.1
21..	58.56	57.71	23.5	25.2	96	94	NW 1	Calm	9	10	50.3
22..	58.08	56.85	24.9	31.2	97	68	NE 1	E 2	8	5	.....
23..	58.19	57.13	23.5	31	97	65	Calm	E 2	3	3	4.1
24..	58.06	56.33	24.5	31	95	67	Calm	NE 1	3	6	.....
25..	56.42	55.78	26.8	29	89	84	W 3	Calm	4	10	17.2
26..	53.79	52.20	25.7	25.7	92	83	WNW 3	WNW 5	10	10	31.2
27..	50.73	50.14	25.7	26.7	81	79	WNW 6	W 6	10	10	.8
28..	51.57	51.29	26.4	27.9	84	75	SW 6	SW 5	10	10	.5
29..	53.28	53.14	27.2	29.5	79	73	S 5	S 4	9	9	.....
30..	55.79	55.55	27	30	93	73	SE 2	SSE 4	7	7	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.69	56.78	25.2	29.4	90.8	75.4	1.6	2.3	6.6	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	292

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.85	57.30	26.3	30.1	85	75	Calm	WNW 2	9	4	4.6
2..	58.51	57.23	24	31.8	96	68	Calm	NNE 2	1	4	.....
3..	57.40	56.66	26.5	28.7	92	81	W 3	W 2	9	10	7.1
4..	56.47	55.20	26.2	30.2	85	75	W 3	WSW 3	9	10	.3
5..	54.83	54.20	26	30	89	69	W 3	WSW 4	9	5	.....
6..	55.16	54.95	27	30	80	78	SW 4	SW 4	4	9	.3
7..	57.25	56.77	27	29.9	79	72	SW 4	SW 4	9	10	9.7
8..	57.15	56.33	26.7	28.2	80	79	SW 4	SW 4	10	10	.....
9..	56.34	54.78	27.2	29	78	74	SW 3	SW 4	10	10	.....
10..	55.88	55.38	27.6	30.2	76	77	SW 4	SW 4	9	5	.....
11..	56.71	56.38	27.5	30.2	84	75	SSW 4	SSW 4	5	6	.....
12..	58.09	57.38	27.2	30.3	87	70	S 3	SSW 3	7	4	.....
13..	58.38	57.56	27.4	30.6	88	75	SSW 4	SSW 4	5	4	.....
14..	57.91	57.28	27.7	31.2	79	73	SSW 4	S 4	4	1	.....
15..	57.39	56.60	27.4	30.1	78	77	SSW 3	SSW 4	7	8	.....
16..	57.76	57.43	27.4	30.3	81	77	SSW 3	SSW 4	6	6	.....
17..	58.66	57.23	27.5	30.6	77	74	SSW 3	SSW 4	8	7	.....
18..	58.70	56.98	27.6	30.6	87	78	SSW 3	SSW 3	5	1	.....
19..	58.40	57.43	27.8	30.6	88	75	SSW 4	SSW 3	7	5	.....
20..	58.05	57.43	27.8	31	84	73	SW 3	SSW 3	4	1	.....
21..	58.05	57.08	27.8	31	83	69	SSW 3	SSW 3	1	1	.....
22..	57.33	55.37	27.8	30.8	86	75	SW 3	SSW 4	4	4	.....
23..	55.95	55.16	27.8	31	81	76	SW 4	SSW 4	6	5	.....
24..	55.51	55.12	27.8	30.8	79	74	SW 4	SSW 4	7	9	1.5
25..	56.28	55.44	27.7	30.2	80	76	SW 3	SSW 4	10	10	.....
26..	56.48	55.75	27.7	30.1	78	78	SSW 4	SSW 3	10	10	40.9
27..	57.35	56.35	27	29.3	88	81	SSW 3	SSW 3	10	10	.....
28..	57.20	56.42	27	31.2	86	74	S 3	SSE 3	9	5	.....
29..	58.62	57.45	27.2	32	87	66	S 2	S 2	8	7	.....
30..	58.79	58.68	27	31.9	85	68	SE 3	SSE 2	5	7	.....
31..	59.93	59.28	27	32	86	71	SE 2	SE 2	5	5	.....
Mean	57.37	56.54	27.1	30.4	83.6	74.3	3.1	3.3	6.8	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.79	58.97	23.8	30.4	96	74	Calm	WSW 2	4	4	0.8
2..	58.92	57.82	22.5	31	96	70	Calm	SSW 2	1	3	.....
3..	59.37	58.13	23.1	31	96	73	Calm	SW 2	4	4	4.1
4..	59.92	58.27	23.5	31.3	96	68	Calm	SSW 2	6	2	.....
5..	59.10	57.82	22.8	31.8	96	72	Calm	SW 2	6	4	.....
6..	58.90	57.01	25.5	30.4	94	74	W 2	SW 3	8	8	.....
7..	58.12	57.20	25.4	30.1	94	77	SW 1	SW 3	10	10	8.1
8..	58	57.83	26.5	27.8	90	86	SW 2	Calm	10	10	1.8
9..	58.03	56.81	23	28	96	86	Calm	WSW 3	9	9	17
10..	56.97	56.41	26.6	28.7	81	80	WSW 2	SW 2	10	9	16.8
11..	57.10	56.62	25.9	29.5	85	77	SW 4	SW 4	10	7	14.2
12..	57.90	57.10	26.6	30.3	83	74	SW 4	S 3	7	6	.....
13..	57.99	57.32	27	31.7	84	69	S 3	SE 2	7	7	.....
14..	59.08	57.60	24	30.1	92	75	Calm	Calm	9	7	11.1
15..	59.03	58.05	25	27.2	92	87	Calm	SSW 2	9	9	15.8
16..	58.88	57.84	25.4	30.1	88	70	WSW 2	W 2	7	6	35.3
17..	58.67	57.18	25.9	30	90	78	W 2	WSW 4	7	6	1.3
18..	57.47	55.98	25.8	30.2	93	71	WSW 2	WSW 2	7	8	8.4
19..	57.07	56.09	26.9	30.5	84	71	WSW 3	SW 4	9	7	7.1
20..	57.95	57.30	26.8	29.2	86	76	WSW 4	WSW 3	10	10	.....
21..	58.11	57.27	26.6	29.9	80	70	SW 2	SW 3	10	8	.....
22..	58.02	57.08	26.6	29.8	86	77	WSW 3	SW 3	9	9	2.1
23..	57.24	56.96	26.7	30.4	83	71	SW 3	WSW 2	7	9	.....
24..	56.78	55.69	27.7	30.5	76	68	WSW 3	SW 4	9	6	.....
25..	56.96	56.67	27.4	30.3	81	76	SW 3	SW 3	4	7	.....
26..	57.69	57.14	27.4	30.1	81	71	WSW 3	SSW 2	9	7	3.3
27..	57.58	56.50	24.9	30	92	78	Calm	SSW 3	6	6	1
28..	57.69	56.30	26.5	30.5	86	75	WSW 3	SSW 3	9	9	11.7
29..	58.27	57.29	26.9	30.2	86	70	SW 2	SW 3	9	5	.....
30..	58.69	57.98	27.1	30.2	83	71	WSW 2	SW 3	7	9	.....
31..	58.39	57.40	27.4	30	85	74	WSW 3	SW 2	9	8	2
Mean	58.18	57.21	25.7	30	88.1	74.5	1.9	2.5	7.7	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.9

GUIUAN.

[$\phi = 11°\ 02'$ N; $\lambda = 125°\ 44'$ E; barometer above sea, 4.5 meters; gravity correction not applied, —1.83 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.27	57.57	26.9	30.7	86	74	WSW 3	SW 3	5	1	7.4
2	58.70	57.26	27	30.5	86	76	SW 2	SW 3	3	5	.....
3	57.71	56.17	27.3	30.7	84	69	WSW 3	WSW 3	9	9	.....
4	56.38	55.07	27.6	29.5	79	79	SW 4	SW 4	9	10	.....
5	55.53	54.41	28	30.4	79	78	SSW 4	SSW 4	9	7	.....
6	55.39	54.93	28.4	31	77	71	SW 5	SW 4	9	7	.....
7	56.24	55.13	28	31.8	77	65	SW 3	WSW 4	4	3	.....
8	56.18	55.34	28	31	79	75	SW 4	SSW 4	6	4	.....
9	57.08	56.10	28	31.3	77	68	SW 4	SW 4	5	5	3.3
10	58.16	56.38	27.7	31	84	76	SW 4	SSW 4	9	6	9.8
11	58.31	57.92	27.8	31.2	78	77	SSW 4	SSW 4	9	7	9.7
12	59.83	58.18	27.6	31	87	72	SSW 3	S 3	6	5	11.7
13	59.79	58.15	27.6	31.7	84	72	SSW 2	S 2	5	1	.....
14	59.68	58.68	27.6	31	88	73	SSW 2	S 3	7	9	12.7
15	59.78	53.64	27.3	30.6	78	74	WSW 3	SW 2	7	8	.....
16	59.65	58.33	26.1	30.8	90	72	Calm	SW 2	8	9	.....
17	60.30	58.55	26.7	32.5	86	68	Calm	S 1	5	3	7.6
18	60.14	58.94	24.5	31.1	93	72	WSW 1	WSW 2	7	5	.....
19	60.46	58.76	26.7	31.1	90	66	WSW 1	W 2	3	7	.....
20	58.96	56.82	26.6	29.5	82	77	W 3	W 3	8	9	1.8
21	57.35	55.58	25.6	30.3	88	72	W 2	SW 4	9	5	3
22	57.85	57.02	26.6	30.4	85	79	WSW 2	SW 4	7	5	.5
23	58.27	57.22	26.8	30.7	86	74	WSW 2	SW 3	5	7	.8
24	59.30	58.75	25.7	28.5	94	74	Calm	S 1	9	9	9.4
25	60.52	58.97	23.5	31	96	70	Calm	NNE 2	4	5	2
26	60.32	58.96	24.5	30.9	92	70	Calm	NNE 2	6	4	.5
27	59.79	58.09	25.5	29.6	93	77	N 1	NNE 3	7	5	5.3
28	58.57	56.40	25	30	95	75	Calm	WNW 1	9	9	10.2
29	56.29	54.63	26.8	29	88	78	WNW 3	WSW 3	10	10	.5
30	55.47	54.41	27	30.4	85	68	SW 4	SW 4	9	9	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.34	57.05	26.7	30.6	85.5	73	2.3	2.9	6.9	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.68	55.34	27.7	29.3	76	70	SW 4	SW 5	10	9	.....
2	55.68	54.63	27.5	29.4	74	74	SW 5	SW 5	10	9	.....
3	55.75	55.23	27	30.2	82	75	SSW 5	SSW 4	9	6	.....
4	58.20	58.08	27.8	31.7	79	70	SSW 4	SSE 3	7	7	.....
5	60.44	59.21	27.4	32.7	91	70	SSE 2	SE 2	9	7	.....
6	60.82	58.81	24.3	33.1	97	69	Calm	S 2	3	3	.....
7	58.82	57.80	23.4	30.7	96	68	Calm	ENE 2	1	5	.....
8	58.89	57.48	23.9	32.4	97	67	Calm	SSE 2	7	5	.....
9	58.93	57.66	23.9	30.5	92	63	Calm	NNW 2	7	9	3.3
10	58.88	57.01	24.5	28.5	95	70	NW 2	W 2	10	9	9.8
11	58.86	57.24	24.6	29.8	90	69	Calm	NW 2	10	9	9.7
12	58.24	57.20	24.4	30.4	88	74	Calm	SSW 1	8	10	11.7
13	58.18	56.44	23.6	29.9	92	68	Calm	WSW 2	9	6	.....
14	57.16	55.60	25.2	27.2	82	81	WNW 2	WSW 3	10	10	12.7
15	55.26	54.02	27.1	29.1	83	82	WSW 4	SW 4	10	10	.....
16	56.30	55.73	26.5	29	88	78	SSW 4	SSW 4	9	7	.....
17	58.07	56.91	26.7	32.2	89	72	SSE 2	SE 2	1	2	.....
18	58.10	56.80	27.4	31.6	84	66	SSW 2	S 2	7	1	.....
19	58.57	56.58	24.8	31	96	70	Calm	SSW 2	3	4	6.4
20	57.79	56.34	24.5	30.5	96	75	Calm	W 1	9	9	16.5
21	56.97	55.44	24.3	27.7	86	84	W 2	WSW 3	10	10	.5
22	57.29	56.51	27.4	31	84	76	SSW 4	SSW 4	10	6	.5
23	59.56	58.30	24.8	32.3	93	68	Calm	SSE 2	8	1	.....
24	59.71	58.20	25.4	32.7	93	68	Calm	SE 2	5	3	.....
25	59.47	58.20	23.5	31.1	97	69	Calm	ESE 2	2	6	.....
26	60.51	59.87	25.2	30.5	90	68	Calm	E 3	5	6	.....
27	61.21	60.37	25.5	28.1	91	82	ENE 2	ENE 2	7	7	3.3
28	60.86	59.24	25.9	29.9	88	77	ENE 3	NE 2	6	9	16
29	60.09	57.78	24.5	30.2	94	77	ENE 2	NE 2	9	7	39.2
30	58.98	57.88	25.4	30.7	96	72	ENE 2	ENE 2	9	6	6.4
31	59.70	58.84	26	30	89	73	ENE 2	ENE 3	5	7	6.3
Mean	58.48	57.25	25.5	30.4	89.3	72.4	1.7	2.5	7.3	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	136.3

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.59	58.32	25.8	30	84	71	ENE 2	NE 2	6	4	1.5
2	59.06	57.75	26	29.5	89	72	ESE 2	NE 3	4	5	.....
3	59.20	57.98	26.4	29.6	77	71	ENE 3	ENE 3	5	8	6.3
4	58.99	58.22	24.2	29.5	93	75	NE 2	NE 2	9	9	8.6
5	59.07	58.29	26	28.1	88	85	ENE 2	ENE 2	4	5	10.6
6	59.56	58.52	25.9	29.2	85	74	ENE 1	ENE 2	9	9	32.7
7	59.66	58.89	25	30	92	75	ENE 2	ENE 3	9	5	1.5
8	59.55	59.02	26	30.5	91	72	ENE 3	ENE 3	5	6	7.4
9	59.94	58.98	25.8	29.4	92	76	ENE 3	ENE 4	6	8	2.6
10	60.11	58.78	26.7	29.9	85	75	ENE 2	NE 3	9	9	2.3
11	60.10	58.97	25.3	25.4	90	89	NE 3	NE 3	9	10	158.7
12	60.01	58.21	25.2	26.4	90	90	NE 3	NE 3	7	7	5.8
13	60.16	59.35	25.5	27	84	80	ENE 2	E 2	7	9	3.3
14	60.35	59.39	25.6	30	84	68	E 2	ENE 2	7	5	3.3
15	60.25	58.84	26	28.6	84	78	E 2	E 3	5	5	.8
16	59.40	58.68	26	29	81	76	ENE 3	NE 3	8	9	14.5
17	59.39	58.31	25	29.7	88	67	E 2	NE 3	4	4	.....
18	59.54	59.02	24	25	91	90	Calm	NE 3	4	10	16
19	59.74	58.83	24	30	81	65	Calm	NE 3	1	1	1.3
20	60.57	60	25	30	85	69	ENE 2	NE 2	2	5	3
21	60.42	59.27	24.2	29.5	91	76	Calm	ENE 2	9	9	6.9
22	59.95	58.98	24	30.5	94	75	Calm	ESE 2	5	4	.5
23	60.35	58.68	25	30	92	74	Calm	NE 3	5	5	.....
24	60.09	59.05	24.1	29.5	94	81	Calm	NNE 3	4	7	7.1
25	60.41	59	25.8	30	85	72	Calm	NNE 3	9	4	.....
26	60.04	59.10	23.4	30	97	73	Calm	NE 3	4	7	.....
27	60.54	59.29	24	30	95	74	Calm	NE 3	4	3	.5
28	60.12	58.83	23	29.9	96	74	Calm	NE 3	3	5	10.9
29	59.84	58.79	25.2	29.9	90	73	NE 2	NE 3	5	8	14.5
30	59.16	58.80	25.3	29	89	83	NE 2	NE 3	7	7	1.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.84	58.80	25.1	29.2	88.6	75.8	1.5	2.7	5.8	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	322.1

DECEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	59.15	25	29	83	71	NE 3	NE 3	8	7	.....
2	59.25	58.44	25.5	29.5	81	68	NE 2	NE 3	9	6	38.1
3	58.89	57.86	25	26.9	93	86	NE 3	NNE 4	10	9	92.5
4	58.89	58.46	24.7	29.1	94	78	Calm	NE 2	7	6	23.7
5	59.01	59.32	25.1	29	91	71	ENE 2	NE 4	9	9	29.7
6	60.09	59.87	25.2	29.5	74	64	NE 4	NE 4	4	1	.....
7	60.63	59.87	25.5	29.5	80	61	NE 4	NE 4	8	1	.....
8	60.20	59.89	25	29.7	71	66	NNE 3	NNE 3	1	3	.....
9	60.11	59.18	25	29	79	68	NNE 3	NE 3	5	9	.3
10	60.08	58.91	25.5	29.7	75	69	NE 3	NE 4	3	6	23.1
11	59.03	58.06	25.4	26.3	93	89	NE 2	NE 1	10	10	26.6
12	58.69	57.98	24	27	95	84	NE 2	NE 2	10	10	7.4
13	58.30	58.09	25.5	27.5	88	84	NE 3	NE 2	10	9	16
14	59.80	58.50	25.4	29.5	90	75	NE 2	ENE 2	5	5	5.4
15	59.99	59.89	25.4	29.3	88	70	NE 1	NE 3	4	3	3
16	60.16	59.21	25	27	90	88	NE 2	NE 2	9	10	49.3
17	60.22	59.47	24.2	29.9	93	72	Calm	NE 2	6	6	2.5
18	60.86	59.82	25.4	29.5	80	64	ENE 2	NNE 3	8	5	11.2
19	60.36	59.96	25	25.3	88	88	NNE 2	NNE 1	9	10	39.3
20	61.05	59.40	23.4	28.8	93	77	Calm	NNE 3	10	6	8.4
21	60.09	58.71	24.5	26.7	96	80	NE 4	NE 3	10	10	7.1
22	58.77	57.56	24.1	27.5	91	78	N 1	NW 2	10	10	.8
23	57.39	56.42	24.5	26.7	87	79	WNW 2	W 4	10	10	.....
24	56.83	55.20	25.3	26.4	88	86	W 4	W 4	10	10	3.9
25	54.20	54.10	25	27	90	81	SW 6	SW 6	10	10	.5
26	57.74	57.08	25	29	98	86	SE 1	SE 2	4	7	8.4
27	59.26	58.50	21.1	30	94	71	Calm	S 2	1	3	.....
28	60.37	59.24	21	29.1	93	71	Calm	SW 2	1	7	.....
29	60.61	59.80	19.8	28.8	96	72	Calm	NE 1	1	5	.....
30	60.65	59.60	22	29.8	95	71	Calm	NE 2	5	7	.5
31	60.90	59.90	24	28.8	90	76	N 1	NNE 2	7	6	3.8
Mean	59.43	58.63	24.4	28.4	88.3	75.6	2	2.7	6.9	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	401.5

[a] The rainfall of the 18th in the "Monthly Bulletin," page 246, should be 11.2 mm. instead of 1.2 mm.

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P. t.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.04	57.86	23.6	25.6	99	95	Calm	Calm	10	10	44.2
2	59.80	58.53	22.1	29.4	99	75	Calm	N 3	10	6	56.9
3	59.60	58.30	23.4	26.9	98	85	Calm	NE 3	10	10	134.7
4	60.01	59.70	23.1	21.5	99	96	Calm	Calm	10	10	229.3
5	60.30	59.02	23.9	23.9	97	95	N 4	Calm	10	10	167.4
6	59.65	59.02	22.6	23.5	99	96	NW 3	NW 3	10	10	86.3
7	59.03	58.71	24	23.4	93	97	NNE 3	N 4	10	10	121.7
8	61.40	60.02	22.4	24.8	88	77	N	N 3	10	10	8.1
9	61.56	60.01	21.1	24.2	93	86	N	N 3	10	10	37.4
10	60.40	59.97	22.5	24.7	92	90	NW 2	NW 3	10	10	53.3
11	60.54	60.64	23.6	23	91	99	N 3	Calm	10	10	102.9
12	60.06	59.40	23.5	24	97	96	N 1	Calm	10	10	90
13	59.20	58.71	25.1	27	85	83	NE 3	Calm	10	10	20.4
14	59.55	58.83	23.1	26.3	99	86	Calm	ENE 3	10	10	42.1
15	60.08	59.93	25.9	25.5	88	92	NE 3	NE 3	10	10	159
16	60.54	58.79	22.6	25.5	99	88	Calm	N 3	10	10	16
17	59.82	58.15	23.8	24.5	93	94	N 3	NE 3	10	10	35.9
18	58.93	58.22	23.5	24.6	99	95	Calm	NNE 3	10	10	35.3
19	58.38	57.61	23.1	28.7	99	74	Calm	E 3	9	5	12.4
20	59.39	58.48	23	28.4	99	70	Calm	NE 3	6	6	2.8
21	59.20	58.48	24.5	26.6	91	79	N 3	N 3	10	10	18.8
22	58.88	58.60	23.6	23.5	92	91	N 4	N 4	10	10	30.5
23	58.76	57.90	22.1	23	97	97	NW 3	Calm	10	10	70.8
24	57.92	56.49	24	25.6	94	88	N 3	N 4	10	10	47.5
25	57.52	56.99	23.5	24.1	99	97	Calm	N 3	10	10	125.7
26	58.17	58.22	23	23	100	97	N 5	NE 4	10	10	163.1
27	58.05	56.56	23	23.4	97	95	NW 3	NE 3	10	10	124.2
28	58.12	57.15	23	24.3	96	91	NE 3	NE 3	10	10	27.2
29	57.99	57.83	22.4	23.5	93	94	NW 3	NW 3	10	10	21.3
30	57.91	56.47	23	25.2	97	94	WNW 2	N 3	10	10	32.5
31	58.83	58.19	23	26.1	98	86	Calm	NE 3	10	10	73.7
Mean	59.31	58.48	23.3	25	95.5	89.6	1.9	2.4	9.8	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,191.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.99	59.31	23	24.7	97	84	N 3	NE 4	10	10	98.5
2	60.50	59.72	24	22.9	97	98	NE 3	ENE 3	10	10	110.5
3	59.25	58.57	24	25	96	93	Calm	Calm	10	10	39.9
4	59.77	58.15	22	29.1	99	78	Calm	E 3	9	5	8.1
5	59.22	57.46	22	29.1	98	71	Calm	ESE 3	5	3	.....
6	58.74	56.80	20.7	28.7	98	75	Calm	ESE 3	5	3	.....
7	58.12	57.94	22.3	23.3	97	93	Calm	NW 1	6	10	7.6
8	59.37	58.63	22	25.8	88	68	Calm	NW 3	9	10	.....
9	60.24	58.84	21.5	26.2	95	82	Calm	NNW 3	10	10	142.7
10	59.19	58.85	24.2	23.2	99	98	N 3	Calm	10	10	81
11	59.42	58.15	24	26.3	98	85	N 3	N 3	10	10	23.4
12	59.46	59.19	25.2	24.5	96	88	ENE 3	Calm	10	10	62.3
13	60.38	58.97	22.7	24	98	94	Calm	NNE 3	10	10	54.1
14	59.25	58.45	22.1	24.4	99	95	Calm	NE 3	10	10	67.6
15	59.90	57.59	22.6	27	99	78	Calm	Calm	10	8	10.9
16	60.34	59.42	21.5	28.2	98	72	Calm	N 3	3	9	10.7
17	60.59	59.49	23.7	24.1	98	95	Calm	Calm	10	10	96.5
18	60.60	59.15	23	26	94	73	Calm	N 3	10	10	22.9
19	61.15	60.45	22.5	24.5	91	79	NNW 3	N 3	10	10	22.4
20	61.51	60.78	22.6	25.7	87	69	N 3	N 3	10	10	1.8
21	61.74	60.91	20.9	27.1	94	65	Calm	N 3	9	10	3.8
22	61.86	61.34	21.1	24.3	99	84	Calm	Calm	10	10	5.1
23	62.21	61.11	18.4	27.1	98	58	Calm	N 4	6	6	.....
24	62.26	60.96	19.9	27	91	70	Calm	N 3	8	10	28.7
25	61.28	60.73	24.5	29.5	96	79	N 3	NE 3	10	5	7.7
26	61.20	60.30	21.9	25.6	97	91	Calm	N 3	9	10	8.1
27	61.71	60.98	21.4	29	99	69	Calm	N 3	8	8	.....
28	61.71	60.13	20.2	28	100	74	Calm	NNE 3	8	8	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.43	59.37	22.3	26.1	96.3	80.6	0.9	2.4	8.8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	914.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.50	59.98	23	27.6	96	73	Calm	NE 3	10	10	11.9
2	61.01	60.44	23	26	93	85	NW 2	NW 3	10	10	75
3	62.63	61.82	24.1	24.4	84	88	NW 3	NW 3	10	10	25.7
4	62.12	60.89	24.6	26.1	87	84	NNE 3	NNE 3	5	10	52.8
5	61	60.13	24.3	26.9	94	88	Calm	ENE 3	10	10	37.8
6	61.10	60.21	24.5	27.6	97	80	ENE 3	ENE 3	6	10	24.6
7	60.43	59.04	25	26.3	92	88	NNE 3	NNE 3	9	10	56.3
8	58.84	57.65	24.1	23.4	92	94	ENE 4	Calm	10	10	27.9
9	58.41	56.61	23.8	30.6	96	65	Calm	S 2	10	8	6.6
10	58.69	57.53	23.1	27.3	99	87	Calm	Calm	9	10	5.4
11	58.97	57.12	22.5	31.3	99	70	Calm	SW 3	6	8	16.3
12	58.14	57.30	23.3	27.5	97	81	Calm	E 3	5	6	12.9
13	58.70	58.04	24.7	29	92	77	ENE 3	ENE 3	10	9	24.6
14	59.70	58.63	23	26.4	97	82	Calm	Calm	10	10	1.3
15	59.45	58.33	21.5	29.8	99	73	Calm	E 3	5	5	.....
16	60.75	59.68	21.4	27.4	97	72	Calm	N 3	5	6	1.8
17	61.53	60.88	22	25.5	97	86	Calm	N 3	8	10	33.3
18	62.58	61.81	22.6	26.9	93	72	Calm	ENE 3	10	6	1
19	62.05	60.92	20.3	28.4	97	67	Calm	NE 3	5	5	.....
20	60.84	59.67	20	27.5	98	63	Calm	E 3	8	5	.....
21	59.97	58.75	19.8	28.4	98	71	Calm	NE 3	5	3	.....
22	59.62	58.07	23.5	28.6	95	77	Calm	N 3	10	10	41.2
23	60.20	58.63	21.4	28.9	96	71	Calm	NE 3	10	8	.....
24	59.11	58.32	23.8	29.4	97	74	Calm	NNE 3	10	6	7.9
25	59.45	58.68	24.5	28.2	99	83	Calm	NNE 2	8	8	.....
26	59.48	59.43	26.4	30.2	89	75	ENE 2	ENE 3	9	8	24.6
27	60.12	59.68	22.8	29.2	98	78	Calm	NE 3	8	10	7.3
28	60.24	59.42	25.6	28.9	81	72	NE 3	NE 3	10	10	.....
29	60.11	59.02	26	29.7	82	69	NE 3	NE 3	5	5	7.9
30	59.65	58.79	23.5	28.4	98	80	Calm	NE 3	6	5	3.6
31	60.23	58.93	24.4	28.9	97	78	Calm	NE 3	6	7	9.1
Mean	60.18	59.17	23.3	27.9	94.4	77.5	0.9	2.7	8	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	516.8

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.67	58.54	23.9	28.5	97	75	E 3	E 3	5	5	5.3
2	59.12	57.49	23.5	27.4	98	80	Calm	Calm	10	10	13.5
3	58.60	57.38	24	27.2	96	86	Calm	NNE 3	10	10	37.4
4	58.81	57.84	23.9	28.8	92	79	Calm	NE 3	10	5	6.4
5	59.12	58.01	23	28.5	97	72	Calm	NNE 3	10	10	6.6
6	58.41	56.91	23.9	28.7	97	80	Calm	ENE 3	9	9	21.1
7	58.20	57.02	22.2	29.6	99	77	Calm	ENE 3	6	6	4.6
8	58.34	57.42	24	29.8	97	73	Calm	NE 3	9	5	1
9	58.25	57.32	23.6	29.6	98	74	Calm	NE 3	9	5	4.3
10	58.50	57.15	22.8	30.6	97	65	Calm	NE 3	10	5	.....
11	57.48	55.82	25	28	89	83	NW 3	NW 3	10	10	7.7
12	54.27	52.82	25	25.2	83	88	WNW 3	WNW 2	10	10	48.6
13	54.34	54.60	24.8	29.4	87	70	Calm	W 4	10	8	.....
14	57.30	56.11	22.2	32	98	60	Calm	WSW 2	10	9	.....
15	58.52	56.78	22.2	28.7	99	80	Calm	ENE 3	7	9	1
16	59.22	57.73	23.3	28.9	97	73	Calm	NE 3	8	6	.....
17	59.87	58.88	22.5	27.6	97	73	Calm	NNE 2	5	9	.....
18	60.97	59.66	22.2	29.2	97	62	Calm	NNE 3	3	3	.....
19	61.24	59.85	22.6	29.4	98	68	Calm	NNE 3	5	6	8.9
20	60.73	59.57	24	26.5	97	89	Calm	N 3	10	7	2.1
21	59.85	58.86	24.2	29.4	97	72	Calm	N 3	10	5	.....
22	59.60	59.59	22.8	23	97	97	Calm	Calm	7	10	53.1
23	59.47	59.23	23.1	29.6	99	79	Calm	NE 3	8	7	8.9
24	60.69	59.46	23.7	29	98	78	Calm	NNE 3	9	9	27.1
25	60.68	59.58	25.1	30.5	97	74	Calm	NNE 3	9	8	5.9
26	59.41	58.63	23.6	29.3	99	76	Calm	E 3	10	6	21.6
27	58.65	57.79	23.5	26.7	99	88	Calm	Calm	7	8	11.2
28	58.71	57.52	23.3	30.4	97	71	Calm	E 3	5	6	.....
29	59.34	59.06	23.4	29	97	74	Calm	E 3	5	9	.....
30	59.80	58.76	23.6	30	99	68	Calm	NE 3	5	5	9.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.91	57.85	23.5	28.7	96.3	76.1	0.3	2.6	8	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	305.7

BORONGAN.

[$\phi = 11°\ 37'$ N; $\lambda = 125°\ 26'$ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.09	57.97	24.1	27.2	98	86	Calm	NE 3	8	10	9.7
2	58.14	57.68	26.7	29.2	84	70	NE 3	NE 3	8	8	9.2
3	58.25	57.63	24	28.5	98	80	Calm	NE 3	10	8	3.6
4	59.44	58.60	24.5	30	97	69	Calm	NE 3	8	5	1.3
5	59.94	58.78	23.4	28.2	97	79	Calm	E 2	6	5	4.9
6	58.89	57.18	27.5	29	84	81	NE 3	NE 3	5	5	14.7
7	58.65	57.04	23.5	28.3	98	82	Calm	E 3	10	10	11.9
8	57.90	56.71	24	27.8	97	80	NE 2	NE 2	10	10	12.2
9	57.46	56.73	24.5	27.6	97	84	Calm	ENE 2	9	10	1
10	58.76	57.52	23.5	30.4	97	69	Calm	E 3	5	5	2.3
11	59.25	57.41	24.6	30.4	98	73	Calm	E 3	10	10	.....
12	58.22	58.35	27.6	24.5	84	95	NE 3	Calm	10	10	12.2
13	58.52	58.61	23.9	27.5	98	88	Calm	SSW 1	9	10	18.8
14	59.85	58.96	23.6	30	98	71	Calm	E 3	10	5	3
15	59.85	58.47	23.6	29.4	99	75	Calm	E 2	10	5	15
16	58.66	57.37	23.9	29.9	97	74	Calm	NE 3	5	7	6.4
17	57.56	56.31	24.1	29.5	99	77	Calm	NE 3	9	9	6.1
18	57.93	57.19	25	28	98	77	Calm	Calm	10	6	9.4
19	59.12	57.60	23.2	30	98	74	Calm	ENE 3	8	5	9.6
20	58.82	57.50	24	29.7	99	73	Calm	NNE 3	6	5	7.1
21	57.92	56.98	23.9	30.2	97	61	Calm	NE 3	3	2	.....
22	58.42	57.36	22.1	30.7	96	63	Calm	E 3	3	2	.....
23	58.68	56.68	22	30.5	96	66	Calm	E 3	3	5	.....
24	58.56	56.46	23	30.8	97	71	Calm	E 3	2	5	.....
25	57.77	56.87	23.1	31.6	98	71	Calm	E 3	7	5	.....
26	58.80	57.64	24.1	32.4	97	69	Calm	E 3	3	6	.....
27	59.38	57.72	25.2	31.8	97	69	Calm	E 3	5	5	.....
28	59.68	57.96	24.2	32	97	69	Calm	E 3	5	5	.....
29	59.46	58.11	25.1	30.7	97	62	Calm	E 3	3	3	.....
30	60.19	58.58	22	30	97	68	Calm	E 3	5	9	.....
31	59.80	58.61	24.4	29.5	96	75	Calm	E 3	5	7	.....
Mean	58.81	57.63	24.1	29.5	96.1	74.2	0.4	2.6	6.8	6.5	.....
Total	....	....	....	....	....	....	....	....	....	....	158.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.92	59.54	23.6	25.8	97	89	Calm	Calm	6	10	2.3
2	59.01	57.93	24	29.6	99	70	Calm	E 3	10	10	13.7
3	58.85	57.01	23.1	30.1	98	71	Calm	ENE 3	5	6	18.3
4	57.90	56.94	23.8	27	97	86	Calm	Calm	10	10	2.8
5	57.82	56.79	22.5	25.1	99	94	Calm	NW 2	9	10	39.9
6	57.22	55.88	23	30.3	97	72	Calm	ESE 3	7	6	3.3
7	58.36	57.68	23.6	27.4	97	81	Calm	W 1	3	5	1.5
8	59.37	58.78	23.1	29.5	99	68	Calm	NE 3	5	8	1
9	59.51	59.26	23.8	26.3	97	88	WSW 1	Calm	10	10	12.2
10	58.41	57.42	23.5	27.6	99	73	Calm	W 3	10	10	.....
11	58.37	56.81	22.5	30.1	98	74	Calm	E 3	7	6	.....
12	59.95	57.91	23.5	30.4	91	72	Calm	E 3	5	5	.....
13	59.85	58.96	25.4	30.4	99	64	Calm	E 3	6	5	....
14	59.87	58.51	23.5	30.8	97	62	W 1	ENE 3	5	7	1.3
15	59.65	58.47	24.2	30.9	93	72	Calm	E 3	5	5	6.6
16	59.75	58.92	23.8	30.3	97	73	Calm	E 3	5	5	.....
17	59.69	58.06	24.4	30.9	96	70	W 2	E 3	3	5	6.4
18	58.95	58.28	23.4	30.6	97	72	Calm	E 3	7	9	6.9
19	59.70	58.46	23.4	29.7	97	73	Calm	E 3	9	8	1.8
20	59.64	58.69	24.6	26	98	88	Calm	E 3	9	10	25.4
21	59.10	57.88	23.5	26.4	98	90	Calm	SE 1	10	10	10.2
22	58.42	56.91	23.6	29.5	98	75	Calm	E 3	7	7	.....
23	58.52	57.22	23.4	30.3	97	66	Calm	E 3	3	5	.....
24	58.44	56.56	23.9	30.4	96	72	Calm	E 3	3	7	.....
25	56.82	55.67	23.5	31	96	69	Calm	Calm	5	9	7.9
26	55.03	52.08	24.8	24.1	98	91	Calm	W 3	10	10	52.5
27	49.76	49.06	23.5	24.5	92	89	WSW 5	SW 5	10	10	17.5
28	50.65	50.45	25.2	27	85	72	SSW 4	SSW 4	10	10	.3
29	52.47	52.39	26.2	30.1	76	68	S 2	S 3	10	10	.....
30	55.85	55.12	23.4	31.5	97	70	Calm	E 3	6	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.90	56.79	23.8	28.8	95.8	75.8	0.5	2.5	7	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	231.8

JULY.

	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.10	57.31	24.4	30.9	94	69	Calm	E 2	10	5	.....
2	58.72	57.43	23.3	30.5	94	76	Calm	NE 3	3	5	.....
3	57.66	56.31	23.3	30	95	72	Calm	Calm	5	10	15.7
4	56.10	55.03	24.6	25.7	93	87	Calm	WSW 2	8	10	25.1
5	54.92	54.07	24	29.9	96	68	Calm	WSW 3	10	9	1.3
6	55.32	54.66	25	29.5	83	71	Calm	SW 3	5	10	1.3
7	57.32	56.30	23.9	30	97	75	Calm	W 1	10	10	5.6
8	57.21	55.97	25.3	28.4	81	75	WSW 3	WSW 3	10	10	.....
9	55.53	55.16	26.4	29.3	77	70	WSW 4	WSW 3	10	10	.....
10	55.97	54.71	23.3	33	95	55	Calm	W 4	10	6	.....
11	56.66	55.79	24.2	31.5	90	59	Calm	WSW 3	4	10	.....
12	58.41	56.73	23.1	32.5	96	56	Calm	WSW 3	5	5	.....
13	58.41	56.74	25.3	33.2	85	55	Calm	W 3	5	7	.....
14	57.91	56.40	23.1	33.2	95	57	Calm	W 2	5	5	.....
15	57.69	56.14	21.9	30.8	97	64	Calm	WSW 3	8	9	.....
16	58.15	56.89	23.3	32.8	96	57	Calm	WSW 3	5	9	.....
17	59.01	56.81	23.4	32.8	97	59	Calm	SW 3	5	7	.....
18	59	56.38	23.9	34.4	97	48	Calm	SW 3	5	5	.....
19	58.73	56.94	24.5	34.6	96	47	Calm	SW 3	5	5	.....
20	58.17	56.75	23.5	33.8	97	48	Calm	SW 3	8	6	.....
21	58.27	56.32	23.4	34.9	97	45	Calm	SW 3	3	5	.....
22	57.66	54.55	23	33.9	96	45	Calm	SW 3	2	5	.....
23	55.90	54.64	24.1	33.3	95	53	Calm	SW 3	7	7	.....
24	55.24	54.74	26.6	32.8	81	56	Calm	SW 3	8	8	.....
25	55.97	55.36	25.9	30.6	85	67	SSW 2	SSW 3	10	10	.....
26	56.68	55.09	24.5	32.4	97	59	Calm	SSW 3	10	10	.....
27	57.38	55.71	24.5	30.9	96	57	Calm	SSW 4	6	10	.3
28	57.60	55.97	23.5	31	98	61	Calm	S 3	9	5	.....
29	58.64	57.08	23.5	31	97	70	Calm	SE 3	5	10	.....
30	59.21	58.39	23.3	30.2	97	74	Calm	SE 3	5	9	.....
31	60.34	59.42	23.1	30.7	98	67	Calm	SE 3	3	5	.....
Mean	57.48	56.12	24	31.6	93.2	62	0.3	2.8	6.6	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	49.3

AUGUST.

	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.90	58.76	22.6	30.5	98	63	Calm	SE 3	3	7	2
2	58.93	57.92	21.8	32.5	97	60	Calm	NE 3	3	5	.8
3	59.40	58.53	21.8	31.6	97	66	Calm	NE 3	5	6	.....
4	60.14	58.51	23.2	30.6	97	71	Calm	E 3	3	6	.....
5	59.22	57.57	23	31.4	97	66	Calm	E 3	3	5	.....
6	58.76	56.66	22.9	34	97	52	Calm	W 3	10	10	.....
7	58.22	57.39	22.5	32.7	97	57	Calm	W 3	10	10	2.3
8	58.20	57.88	24.4	27.2	97	90	Calm	Calm	10	10	1.8
9	58.14	56.76	22.9	26.5	97	83	Calm	W 3	9	10	17.6
10	57	56.23	23.9	25.4	92	85	Calm	WSW 3	10	10	13
11	57.19	56.26	23.9	29	91	69	Calm	WSW 3	10	10	9.7
12	58.01	56.53	21.6	31.5	98	63	Calm	SSW 3	10	8	.3
13	58	57.10	23	30.1	97	75	Calm	SSW 3	9	8	.....
14	59.15	57.72	23.7	28.9	98	72	Calm	S 3	10	9	30
15	59.25	57.78	23	30.6	98	68	Calm	SE 3	9	5	12.2
16	59.17	57.66	24.1	30.2	97	74	Calm	ENE 3	6	9	27.4
17	58.97	57.05	22.9	32.1	97	64	Calm	WSW 3	6	7	.....
18	57.25	55.36	25.5	31	83	65	Calm	W 3	8	8	.....
19	57	55.87	23.6	31	98	69	Calm	SW 3	6	9	6.4
20	57.96	57.40	25.5	29.3	84	70	SW 2	W 3	10	10	.....
21	58.56	57.18	23.5	30.1	98	68	Calm	W 3	10	10	7.6
22	57.84	57.18	24.6	28	92	79	Calm	W 1	10	10	.3
23	57.47	57.20	24.5	27.1	92	87	Calm	ESE 2	10	10	50.8
24	56.62	55.35	23.2	31.6	96	59	Calm	WSW 3	9	5	.....
25	57.27	56.32	23.4	30.5	97	69	Calm	SW 2	8	10	5.3
26	58.10	56.91	23.7	31	98	69	Calm	NE 3	10	7	.....
27	57.86	56.82	24.4	27.4	96	81	Calm	W 1	5	10	.5
28	57.42	55.83	23.5	32.5	97	57	Calm	W 3	8	8	.....
29	58.18	57.42	24.4	31.3	97	67	Calm	W 3	7	9	.....
30	59.10	57.56	24	30.4	97	74	Calm	E 3	5	7	.8
31	58.24	57.15	23.7	30.4	98	75	Calm	E 3	9	10	13.5
Mean	58.27	57.09	23.5	30.2	95.6	69.9	0.1	2.7	7.8	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	202.3

BORONGAN.

[ϕ=11° 37′ N; λ=125° 26′ E; barometer above sea, 10 meters; gravity correction not applied, —1.81 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.78	57.26	24.9	32.6	98	54	Calm	W 3	8	5	.....
2	58.67	57.19	23.5	33.6	97	57	Calm	W 3	5	6	.....
3	57.59	55.71	25.6	32.6	85	57	Calm	W 4	8	10	.....
4	56.16	54.65	25	30.3	88	62	Calm	WSW 4	9	10	.....
5	55.19	53.70	25.5	32.3	81	57	Calm	WSW 3	9	5	.....
6	54.76	55.01	27.8	27.3	71	82	WSW 4	WSW 4	8	10	2.8
7	56.28	54.73	26.4	32.1	79	53	SW 1	SW 3	8	8	.....
8	56.06	54.58	27.2	31.9	74	54	SW 2	SW 3	9	9	.....
9	56.97	55.24	25.9	33.4	85	50	Calm	SW 4	5	5	.....
10	58.22	56.03	25.9	33	81	57	Calm	SW 4	6	6	.....
11	58.69	57.14	23.5	34.1	97	55	Calm	SW 3	8	6	.....
12	59.86	57.50	23.1	34.5	97	49	Calm	SW 3	8	5	.....
13	59.94	57.97	22.7	31.1	97	73	Calm	ESE 3	5	5	.....
14	60.04	58.49	23.9	30.5	97	75	Calm	E 3	6	5	.....
15	59.77	58.29	23	34	97	53	Calm	SW 3	5	9	.....
16	59.77	58.48	22.2	30.5	98	73	Calm	E 3	5	10	20.1
17	60.80	58.66	23.2	30	98	72	Calm	ENE 3	5	7	.....
18	60.33	59.17	23.5	26	97	81	Calm	SSW 3	8	10	4.6
19	60.74	58.59	23	27.5	98	81	Calm	Calm	5	6	.3
20	59.24	56.40	24.1	31.3	95	58	Calm	W 3	10	6	.3
21	57.50	55.68	22.5	32	96	50	Calm	W 3	8	6	.....
22	57.71	56.45	23.9	29.1	94	80	Calm	ESE 3	6	6	.....
23	58.40	57.38	22.6	26.5	98	88	Calm	NE 3	5	10	.....
24	59.55	58.78	22.9	26.9	97	86	Calm	Calm	10	10	.....
25	60.84	59	22.6	31	99	70	Calm	E 3	5	5	4.3
26	60.90	59.12	23.3	31	97	69	Calm	NE 3	7	3	2.5
27	60.18	58.15	24.5	31	96	69	Calm	NE 3	9	5	.8
28	58.70	55.69	24.4	32	95	60	Calm	N 3	5	8	2
29	56.45	54.47	24.5	27.1	95	88	Calm	Calm	10	10	10.2
30	55.30	54.17	25.5	30.9	80	60	SW 2	SW 3	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.45	56.79	24.2	30.9	91.9	65.8	0.3	2.9	7.2	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.64	54.85	26	30	77	64	SSW 2	SSW 3	10	10	.....
2	55.60	53.76	26.5	29.5	74	68	SSW 3	SSW 3	10	10	.....
3	55.67	54.65	23.9	30.8	97	61	Calm	S 4	6	9	.....
4	58.71	57.69	22.9	32.8	97	51	Calm	S 3	9	6	.....
5	60.77	59.26	23.4	30.4	97	78	Calm	SE 3	10	10	.....
6	61.25	58.86	23	30.9	98	71	Calm	NE 3	3	2	.....
7	58.85	57.85	23.4	30.4	97	71	Calm	E 3	5	5	.....
8	59.18	57.62	24	31	97	63	Calm	NE 3	5	5	.....
9	59.50	57.88	22.5	28.8	96	75	Calm	N 3	7	10	8.1
10	59.39	56.93	24	28.6	97	76	Calm	Calm 10		9	7.4
11	58.82	56.98	23.2	30.5	98	65	Calm	NNW 3	10	10	.....
12	58.30	56.95	21.9	29.6	98	69	Calm	NW 3	10	10	8.4
13	58.19	56.46	23	26.8	98	80	Calm	NW 3	9	10	.....
14	57.07	54.90	23.5	30.4	88	62	Calm	WNW 3	9	10	.....
15	54.93	53.57	26.4	29.3	79	66	W 3	WSW 3	10	10	.....
16	56.22	55.28	23.2	30	98	68	Calm	WSW 3	8	10	.....
17	58.70	56.61	23.5	29	96	76	Calm	SSE 4	3	6	.....
18	58.30	56.56	23.5	30.1	97	67	Calm	NE 3	9	6	.....
19	58.96	56.53	23.5	30.1	97	68	Calm	E 3	5	5	4.6
20	58.19	55.98	23.7	30.7	98	74	Calm	W 3	5	10	.....
21	56.59	55.10	24.7	26.7	97	83	Calm	Calm 10		10	.3
22	57.05	56.06	24	32.3	95	59	Calm	W 3	10	10	.3
23	59.81	58.29	24.4	27.9	97	85	Calm	S 3	10	7	11.6
24	60.08	58.70	23	28.5	98	82	Calm	SE 3	5	5	.....
25	59.77	58.36	23.4	28.7	98	80	Calm	E 3	5	5	15
26	60.87	60.33	24.9	29.2	98	70	Calm	E 3	10	7	6.6
27	62.02	60.53	24.5	29.2	95	75	Calm	E 3	10	10	14.5
28	61.43	59.82	27.5	27.5	81	89	E 3	NE 3	8	10	14.5
29	60.25	58.17	25.3	28.4	93	81	N 3	NNE 4	8	10	5
30	59.47	58.17	27.4	29.4	83	79	E 3	E 3	8	9	1.1
31	60.03	59.36	25.6	29.6	93	78	NE 4	NE 3	8	8	1.5
Mean	58.70	57.16	24.2	29.6	93.6	72.1	0.7	2.9	7.9	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	98.9

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.07	58.53	24.5	30	97	69	Calm	NE 3	7	7	9.7
2	59.54	58.18	24.2	29	97	76	Calm	NE 3	10	8	26.6
3	59.70	58.71	23.9	29.2	97	74	Calm	NE 3	5	6	.8
4	59.42	58.60	23.5	30	97	73	Calm	NE 3	7	7	7.1
5	59 58	58.78	24.3	28	97	86	Calm	NE 3	6	7	1.3
6	60.07	58.82	23.6	28.9	99	74	Calm	NE 3	7	8	10.2
7	60.13	59.21	24.4	30	97	77	Calm	NE 3	7	5	1.3
8	60.06	59.78	27.4	30.3	84	73	NE 4	NE 4	5	6	1
9	60.41	59.41	26.9	29	86	71	NE 4	NE 3	8	9	12.4
10	60.63	59.45	26.9	29	85	74	NE 3	NE 3	10	10	14
11	61.07	59.22	24	27.6	98	80	NE 3	NE 3	10	10	92.4
12	60.41	58.85	26.5	26.6	85	86	NE 3	NE 4	9	10	7.6
13	60.78	59.73	27	27.4	83	85	NE 3	NE 3	10	10	5.8
14	60.58	59.92	27	29.8	83	69	NE 3	NE 3	8	5	1.8
15	60.89	59.50	26.1	26.8	87	81	NE 3	Calm	5	10	5.9
16	60.07	59.28	26.7	24.1	80	96	NE 3	NE 2	8	10	20.3
17	59.57	58.61	23.3	29.1	97	76	Calm	NE 3	5	5	.....
18	60.17	59.25	23.4	27	95	75	N 1	N 3	7	8	19
19	60.33	59.46	22	28.3	96	67	Calm	NNE 3	5	8	.....
20	61.10	60.20	22	29	99	76	Calm	NNE 3	8	5	13.7
21	61.05	59.33	23.5	28	96	82	SE 4	E 3	10	5	10.2
22	60.30	58.73	23.5	30	99	74	Calm	E 3	5	5	8.4
23	60.62	58.77	24.1	29.5	99	78	Calm	E 3	5	5	2.6
24	60.60	59.16	23.5	29.1	99	77	Calm	ENE 3	5	7	21.1
25	60.68	59.21	24.4	29.5	97	71	Calm	NE 3	7	5	6.6
26	60.23	59.15	22.9	30.1	97	71	Calm	E 3	3	7	3.6
27	61.03	59.21	23.6	30	99	72	Calm	E 3	5	5	.....
28	60.35	59.08	22.4	27.2	98	87	Calm	E 3	5	10	20.5
29	60.12	59.06	24.2	27.6	97	84	Calm	NE 3	5	8	16
30	59.75	58.96	23.9	29.6	97	74	Calm	NE 3	8	5	8.1
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.31	59.14	24.5	28.7	93.9	76.9	1.1	2.9	6.8	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	348

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.33	59.31	22.8	30.5	97	72	Calm	NE 3	8	8	.....
2	59.69	58.86	23.1	28.9	97	72	Calm	NNE 3	9	5	3
3	59.81	58.29	24.6	26.8	97	89	N 3	N 3	10	9	29.5
4	59.66	58.74	25	29.5	99	79	Calm	E 3	10	5	37.3
5	60.22	60.18	25.6	29	92	69	NE 4	NE 3	10	8	.5
6	61.06	60.42	26.4	28.5	74	67	NE 4	NE 4	8	5	.....
7	61.88	60.21	24.6	29.4	94	59	Calm	ENE 3	8	2	.....
8	61.04	60.36	22.5	27.6	94	66	Calm	ENE 3	5	5	8.6
9	60.99	59.62	22.7	28.4	97	68	Calm	ENE 3	8	9	.....
10	60.69	59.52	26.4	28.2	75	69	NE 3	NE 3	5	7	11.2
11	59.65	58.31	24.8	28	96	83	Calm	NE 4	10	10	4.6
12	58.93	58.12	25	28.1	92	81	NE 4	NE 3	10	10	13
13	59.22	58.31	26.5	28.6	88	80	NE 3	NE 3	8	10	4.3
14	60.13	58.73	26.2	28.1	94	86	NE 3	ENE 3	7	5	15.7
15	60.53	60.23	23.4	29.4	98	72	Calm	ENE 3	8	5	3.5
16	60.49	59.91	22.6	24.5	98	90	Calm	NE 3	10	10	25.1
17	60.88	59.61	24.3	29.6	97	73	Calm	NE 3	10	6	9.2
18	61.70	60.16	22.6	28.4	99	68	Calm	NE 3	6	7	13.7
19	61.18	60.66	23.9	24.4	97	95	Calm	NE 3	10	10	81.5
20	61.69	60.06	22.5	25.9	98	88	Calm	NE 3	10	10	5.3
21	60.41	58 97	26	25.9	80	88	NNE 3	NNE 3	10	10	2
22	59.15	57.43	23.5	28.1	92	74	Calm	NNE 3	10	10	.....
23	57.30	56.33	24.5	26.5	86	80	Calm	NNW 3	10	10	.....
24	56.25	54.21	24.4	25.5	91	84	Calm	W 3	10	10	11.4
25	51.32	53.15	24.5	26.3	88	80	SW 7	S 2	10	10	5.8
26	58.29	57.26	24	28.2	96	83	Calm	SE 3	8	10	12
27	59.67	58.69	21.5	29	99	77	Calm	ESE 3	5	5	.....
28	60.55	59.03	20.6	28.5	99	74	Calm	E 3	5	5	3
29	61.	59.81	21.6	28.5	99	70	Calm	E 2	5	3	12.2
30	61.20	59.85	21.8	28.4	98	75	Calm	ENE 3	8	5	.8
31	61.69	60.29	20.6	28.5	99	73	Calm	NE 3	5	5	7.6
Mean	59.89	58.86	23.8	27.9	93.5	76.9	1.1	3	8.3	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	320.8

CATBALOGAN.

[$\phi = 11°\ 47'$ N; $\lambda = 124°\ 54'$ E; barometer above sea, 5.5 meters; gravity correction not applied, —1.80 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.69	58.03	23	27.5	97	81	E 1	SE 2	9	9	1.8
2	59.75	58.61	22.5	27.5	97	86	E 1	N 2	8	9	4.8
3	59.40	58.53	23.1	24.1	99	97	NE 2	NE 1	10	10	76.2
4	59.61	59.51	23	22.1	98	96	NE 1	NE 1	10	10	71.2
5	59.88	59.20	22.6	23	98	97	NNE 2	E 1	10	10	62.8
6	59.92	58.43	21.5	24	95	90	N 2	NNE 3	10	10	20.8
7	59.04	58.88	22.2	22.7	98	97	NE 2	NE 2	10	10	67.8
8	61.41	60.27	21.5	24.5	95	78	ENE 1	N 4	10	9	.....
9	61.29	60.15	20.8	25.5	85	74	N 3	N 3	4	7	.....
10	60.36	60.38	21.2	23	93	96	NW 2	W 2	10	10	24.9
11	60.77	60.37	21.6	23.3	99	94	N 2	NE 1	10	10	20.6
12	59.73	59.41	22.8	23.1	97	96	E 2	NE 1	10	10	34.6
13	58.79	58.59	23	24.5	96	92	E 2	W 2	10	10	12
14	59.54	58.44	21	25.5	99	92	ENE 1	WSW 2	8	9	27.9
15	60.23	59.66	22.8	26.4	98	79	E 1	N 3	10	10	148.6
16	60.69	58.59	22.2	26.3	98	80	NE 1	N 3	10	8	12
17	59.51	58.23	21.6	25.7	99	86	NE 1	NNW 2	9	10	28
18	58.85	58.26	21.8	25.3	98	91	ENE 1	W 3	9	10	32.8
19	58.24	57.46	22	28	99	77	E 1	W 2	10	5	1.5
20	59.03	58.06	23	27.1	97	81	ENE 1	W 2	9	8	7.4
21	59.08	58.21	22.5	26.3	96	79	ENE 1	E 3	9	9	.5
22	58.63	58.27	22.9	26.5	90	76	N 2	N 4	10	10	6.9
23	58.80	57.76	21.5	26.2	95	82	NE 2	NE 2	9	10	1.8
24	57.94	56.50	22	25	98	88	ENE 2	NE 2	9	10	26.1
25	57.78	57.12	22.8	24.8	98	90	NE 1	WSW 2	10	10	36.6
26	57.64	58.40	22.5	23.4	96	97	NW 2	NW 2	10	10	50.6
27	57.85	56.85	22	24.3	00	91	ENE 1	NE 2	10	10	41.1
28	57.94	57.03	22.8	27.1	93	72	N 2	N 3	9	9	.....
29	58.20	57.88	21.5	24.5	95	86	NW 2	NNW 2	10	10	.3
30	57.93	56.77	22.4	25.4	96	90	ENE 1	E 2	10	10	62.3
31	58.66	58.01	23.2	27.4	90	76	N 2	N 2	10	9	32
Mean	59.20	58.45	22.2	25.2	96.2	86.7	1.5	2.2	9.4	9.4	.....
Total											913.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.15	59.45	22.8	25.3	88	81	NE 3	ENE 2	10	10	22.4
2	59.74	58.95	22.8	23.8	98	90	ENE 1	N 3	10	10	32.5
3	59.15	58.43	22.3	24.8	98	93	N 1	ENE 1	10	10	4.1
4	59.34	57.55	23	29	96	78	ENE 1	W 2	8	5	.5
5	59.15	57.24	23	29.6	93	69	E 2	W 2	5	3	.....
6	58.51	56.59	20.2	29	98	73	Calm	WSW 2	2	2	.....
7	57.78	57.27	22.4	27.5	96	73	NE 1	SW 2	7	8	1
8	59.37	58.28	20	28.7	96	49	ENE 1	WNW 3	9	8	.....
9	60.19	59.01	20.6	25.6	94	84	NNE 1	WSW 2	10	10	82.5
10	59.26	58.53	23	23.6	97	98	ENE 1	NE 1	10	10	72.1
11	59.49	57.93	22.5	26.6	96	81	E 1	SSW 2	10	8	27.5
12	59.22	58.10	24	23.2	96	91	ENE 1	SE 2	10	10	63.3
13	59.65	58.25	22.2	24.4	96	86	E 1	E 2	10	9	5.3
14	59.27	57.91	21	26	97	84	ENE 1	ENE 2	5	9	10.2
15	59.16	57.58	23.1	26.3	98	85	ENE 1	WSW 2	10	9	1.5
16	60.18	58.96	21	28.2	96	78	NE 1	WSW 2	2	8	29.5
17	60.46	59.36	23.2	25.2	98	91	ENE 1	NNE 2	10	10	41.7
18	60.69	59.11	22.1	26.8	97	62	NE 1	NE 2	10	10	.3
19	61.18	60.51	20.8	24.1	97	82	E 1	N 2	9	10	.3
20	61.51	60.48	21.2	25.7	92	66	NE 2	NE 2	8	9	1.3
21	61.90	60.86	20.5	23.5	95	84	NE 1	NE 1	9	10	.5
22	61.97	60.98	19.5	26.4	99	66	ENE 1	N 2	9	9	3
23	62.22	60.79	17.5	26.4	97	59	NE 1	NE 1	7	8	.....
24	62.44	61.09	16.4	27.5	97	66	ENE 1	SW 2	2	9	6.9
25	61.11	60.36	22.4	26.8	97	82	E 1	W 2	10	5	29.7
26	61.22	59.77	20.2	27.7	98	84	NE 1	N 2	5	8	3.1
27	61.90	60.58	19.7	28.6	98	72	ENE 1	W 2	4	4	.....
28	61.65	59.75	18.6	27.3	99	73	E 1	W 2	4	8	.....
Mean	60.24	59.06	21.3	26.3	96.3	77.9	1.1	1.9	7.7	8.2	.....
Total											439.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.52	59.60	22.5	27	96	75	NW 2	NNW 2	10	9	2
2	61.05	60.66	19.5	25	98	90	ENE 1	W 1	3	10	9.1
3	62.69	61.30	22	27.6	92	64	NE 2	NE 3	4	7	15.2
4	62.29	60.24	21.5	28.6	97	71	ENE 1	NE 2	4	9	4.5
5	60.97	59.78	22.4	26	96	82	ENE 1	ENE 2	6	10	57.2
6	60.96	59.70	22.5	27	98	80	ENE 1	NE 2	9	9	12
7	60.36	58.94	22.2	25.7	98	80	NE 1	NE 2	7	9	28.2
8	58.21	56.85	23.9	23.5	86	94	NE 3	SE 3	10	10	67
9	57.88	57.05	24.2	28.3	94	74	SE 2	WSW 2	10	8	1.3
10	58.73	57.50	23.6	28.2	97	77	S 1	W 2	9	7	.....
11	58.89	57.75	24.7	28.5	87	74	W 3	W 2	8	3	13
12	58.03	57.27	22.6	27.3	98	77	NW 2	W 3	9	8	7.4
13	58.65	57.45	22	28	96	70	ENE 1	NE 3	5	6	7.1
14	59.44	58.41	22.8	29.5	97	71	E 1	W 3	2	4	.....
15	59.24	58.74	22.7	29.3	98	70	ENE 1	W 2	5	1	.....
16	60.59	59.19	20.2	28.8	97	70	NE 1	W 2	1	1	.....
17	61.43	60.46	21.3	25.6	95	95	NE 1	E 1	4	9	8.9
18	62.61	61.50	21.6	25.7	97	81	E 1	N 2	7	9	.5
19	62.12	60.59	19.2	28.1	98	68	E 1	W 2	2	7	.....
20	60.83	59.31	19	27.7	97	65	E 1	W 2	2	6	.....
21	60.08	57.69	19	29	97	69	ENE 1	W 2	1	2	.....
22	59.48	57.93	23.2	29.1	91	74	ENE 2	W 2	8	8	1
23	60.21	58.41	22	28.7	96	72	E 1	NW 2	10	7	.....
24	59	57.55	21.3	29.2	97	78	ENE 1	W 2	5	5	.....
25	59.13	58.19	22.5	30.5	97	72	ENE 1	NW 2	6	6	.....
26	59.47	58.49	23.5	30.5	96	72	E 1	W 2	6	5	.....
27	60.13	58.98	22.2	28.8	96	69	E 1	ENE 2	4	8	.3
28	59.88	58.63	24.5	30.8	78	54	NE 2	E 2	5	8	.....
29	59.83	58.89	23.5	28	90	79	ENE 2	W 2	8	8	.3
30	59.43	58.08	22.2	27.6	98	73	ENE 1	ENE 3	8	7	3.1
31	60.23	58.02	22.3	30.8	97	59	ENE 1	NE 2	6	5	4.3
Mean	60.08	58.81	22.1	28	95	74.2	1.4	2.1	5.9	6.8	.....
Total											242.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.65	57.74	22.7	29.8	94	64	E 1	ENE 2	3	5	4.6
2	58.82	57.14	23.5	29.8	96	69	ENE 1	ENE 2	9	7	14.4
3	58.45	57.08	23.1	27	97	72	E 1	ENE 2	8	8	2.3
4	59	57.59	21.7	28.2	98	72	ENE 1	WSW 2	7	8	.....
5	58.61	57.77	23.5	26	92	87	E 1	NE 1	6	8	16
6	58.30	56.61	22.5	27.8	98	71	E 1	NE 2	9	7	7.9
7	58.14	56.47	21.2	28.5	98	80	E 1	W 2	4	4	2
8	58.12	56.79	21	28.5	96	73	E 1	W 2	1	7	.....
9	58.16	56.75	21.5	29.3	98	79	ENE 1	W 2	4	6	1.8
10	58.58	57.30	21.5	29.3	97	73	ENE 1	wbys 3	8	4	.....
11	57.78	55.80	23.6	30.8	95	63	NE 1	NE 3	9	8	5.1
12	55.40	53.70	25.4	25.4	90	88	NW 3	WNW 3	10	10	16
13	54.96	55.11	25.5	27.3	88	78	W 4	WNW 4	10	8	.8
14	57.48	56.70	24	29	91	76	ENE 1	W 2	10	8	.....
15	58.33	56.62	22.3	30.1	97	71	NE 2	W 2	5	3	.....
16	59.16	57.60	22.5	29.8	96	70	ENE 1	W 3	5	5	.5
17	59.87	58.36	21	25.2	96	86	ENE 1	ESE 2	5	10	14
18	60.92	59.33	20.8	28.8	97	64	ENE 2	W 2	1	5	.....
19	61.09	59.22	21.4	30	96	64	E 2	W 3	2	5	.....
20	60.95	58.96	23.3	30.2	93	68	NE 1	WNW 2	8	7	1.3
21	60.13	59.02	22.2	26	98	89	NE 1	NE 2	6	8	17.3
22	59.42	59.42	22	23.3	98	87	NE 1	ENE 3	3	10	21.6
23	59.55	58.70	22	28.5	97	78	ENE 2	W 2	4	7	10.7
24	60.46	59.12	23.1	31.2	98	55	E 1	E 3	4	4	21.8
25	60.56	59.09	23.5	29.8	97	76	E 1	W 2	5	7	.....
26	59.35	58.19	23	30	96	73	ENE 1	W 2	5	7	.....
27	58.55	57.68	23.4	26.7	97	83	ENE 1	E 2	4	7	.3
28	58.45	56.85	24.1	29	95	76	ENE 1	NW 2	4	7	11.9
29	59.29	58.55	22.4	30.2	97	68	ENE 1	N 2	4	8	.....
30	59.53	58.22	22.1	31	99	59	NE 1	NE 3	3	5	.....
Mean	58.90	57.58	22.7	28.6	95.8	73.7	1.3	2.3	5.5	6.8	.....
Total											170.3

CATBALOGAN.

[$\phi = 11°\ 47'$ N; $\lambda = 124°\ 54'$ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.95	57.78	22.2	26	98	95	ENE 1	ENE 2	7	10	6.8
2	58.01	57.02	22.9	31.3	97	52	ENE 2	NE 2	7	4	2.5
3	58.26	57.04	23.3	31.5	97	63	ENE 1	ENE 4	8	7	1
4	59.24	57.73	22.7	30.2	98	74	ENE 1	W 2	7	7	.....
5	59.60	57.92	22.7	30.2	98	74	ENE 1	W 3	4	4	.3
6	58.81	56.34	24.3	31.2	94	58	E 1	ESE 3	2	2	.....
7	58.33	56.84	23.8	26.2	93	90	E 1	E 2	7	10	7.9
8	57.19	56.06	24.5	29.5	88	66	NE 2	E 2	7	8	.....
9	57.24	56.14	24.5	27.5	92	81	E 1	E 2	9	7	6.9
10	58.35	56.93	23.1	30.7	96	69	E 1	WSW 2	5	6	17.8
11	58.94	56.95	24.8	30.5	92	68	E 2	ENE 3	9	8	3.3
12	58.29	57.81	23.6	27.8	98	79	ENE 1	E 2	9	10	1.3
13	58.25	58.55	23.2	25.3	97	93	ENE 1	E 1	7	10	12.5
14	59.61	58.41	22.6	30.9	99	67	ENE 1	W 2	7	5	.....
15	59.85	58.09	23.8	30.1	97	74	E 1	ENE 2	3	7	9.1
16	58.83	57.21	22.6	25.8	98	89	ENE 1	W 2	2	8	13
17	57.40	55.99	22	28.8	00	80	ENE 1	SE 2	1	8	.....
18	57.63	56.59	23	30.5	98	68	E 1	E 2	2	6	.5
19	58.80	56.94	22.9	30.6	96	74	N 1	W 2	3	4	5.3
20	58.85	56.87	22.7	31	98	67	NE 1	W 2	1	5	.....
21	57.99	56.63	21	31	98	63	ENE 1	W 2	1	1	.....
22	58.54	57.41	20.3	30.7	96	60	ENE 2	W 2	1	2	.....
23	58.49	56.91	21.1	30.7	97	64	ENE 1	W 2	1	3	.....
24	58.38	56.62	22.4	30.7	96	70	NE 1	W 2	1	1	.....
25	57.80	56.79	23.1	32	97	59	NE 1	W 2	4	4	.....
26	58.59	57.62	25	32.2	92	68	NE 1	W 2	1	4	.....
27	59.14	57.20	25	31.8	96	66	NE 1	W 3	1	4	.....
28	59.28	57.15	24.5	31.7	96	68	E 1	W 2	1	4	.....
29	59.22	57.25	25.2	33	90	59	ENE 2	SW 2	4	4	.....
30	60.22	57.97	23.1	31.4	92	59	NE 1	W 2	4	6	.....
31	59.67	58.20	22.6	26.3	93	90	ENE 1	E 1	1	8	7.4
Mean	58.64	57.19	23.2	29.9	95.9	71.2		1.2	2.1	4.1	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	95.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.88	59.31	23.4	24.8	97	87	E 1	NE 2	2	10	13.7
2	59.19	57.96	22.5	27.5	98	81	NE 1	W 2	5	9	3.6
3	58.41	56.44	23	29.3	97	74	NE 1	W 2	2	9	40.1
4	57.80	56.81	23.5	26.8	95	82	NE 1	SE 2	8	10	.....
5	57.80	56.49	23	27.6	97	80	NE 1	E 1	7	9	4.1
6	57.01	55.73	23.1	30	96	68	NE 1	W 2	9	8	.....
7	58.02	57.06	23.2	31.8	97	58	NE 1	WSW 1	2	5	.....
8	59.10	58.91	23.3	25.6	97	87	E 1	NE 2	5	9	24.6
9	59.42	59.59	23.6	27.3	99	79	ENE 1	S 2	10	10	4.9
10	58.29	57.88	24.1	25.3	95	80	NE 2	NNW 3	10	10	.....
11	58.10	57.26	23.2	29.3	95	70	ENE 1	W 2	7	7	.....
12	59.59	57.53	24	32.2	95	65	NE 1	W 2	4	5	.....
13	59.55	58.49	23.9	30.7	92	70	NE 1	WSW 2	2	8	11.9
14	59.77	58.38	22.8	28.2	98	81	NE 1	SE 2	1	9	.....
15	59.48	57.39	23.5	30.5	97	70	ENE 1	SE 3	1	8	.3
16	59.85	58.82	23.5	26.5	97	84	ENE 1	SE 2	4	9	13.7
17	59.68	57.98	22.7	26	98	89	ENE 1	ENE 1	2	9	4
18	58.70	58.42	22.6	26.5	97	84	ENE 1	SE 2	4	8	4.6
19	59.53	58.66	23	25.9	97	88	NE 2	E 2	7	8	2.5
20	59.19	58.65	22.8	26	98	88	E 1	S 2	7	9	5.3
21	58.84	57.75	22.8	27	97	86	ENE 1	NE 1	8	10	6.7
22	58.33	56.66	22	31	98	72	E 1	WSW 2	6	6	2.8
23	58.15	56.61	23.8	30.8	93	70	ENE 1	W 2	2	3	2
24	58.26	56.29	23.5	27.1	97	82	NE 2	NE 2	2	8	5.9
25	56.98	56.14	23.5	30	99	73	ENE 1	W 3	2	10	34.3
26	54.37	54.10	25.3	24.5	95	90	NW 4	WNW 4	10	10	142.5
27	51.57	50.05	24.5	24.8	92	91	WSW 7	WSW 5	10	10	80.3
28	51.31	50.93	25.5	27	88	75	SW 5	SW 5	10	10	10.2
29	52.35	52.08	27	30.8	74	59	SSW 5	SSW 4	10	10	.....
30	55.39	55.46	24	31.7	91	63	NE 2	SSW 2	8	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.80	56.79	23.5	28.1	95.2	77.5		1.7	2.3	5.6	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	418

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.14	57.54	23	30.4	97	65	ENE 1	NW 2	4	9	.....
2	58.80	57.21	22.3	27.2	97	85	NE 1	NE 2	1	6	12.2
3	57.80	56.57	22.6	29.7	97	75	ENE 1	WNW 2	5	10	34.3
4	56.67	55.58	27	26.5	84	88	W 4	NW 2	9	10	49.6
5	55.12	54.56	24	28.8	95	72	NW 2	W 4	10	6	6.1
6	54.85	54.84	25	29.8	88	68	SW 2	WSW 2	9	6	3
7	57.23	56.63	27	30.6	78	67	WSW 4	WSW 3	8	9	1.8
8	57.84	56.61	26.5	28.7	79	76	WSW 4	W 6	10	10	.....
9	56.36	55.05	27.7	29.8	79	73	W 4	W 4	10	10	.....
10	55.88	55.28	27.2	31.5	79	60	WSW 4	WSW 4	5	6	.....
11	56.67	56.32	27.5	31.1	73	62	SW 5	SW 4	5	7	.....
12	58.01	57.35	27	32.5	80	61	SW 4	WSW 3	8	2	.....
13	58.21	57.45	26.5	30.7	82	67	S 3	W 4	5	6	.....
14	57.75	56.57	25.5	31.2	81	62	WSW 3	W 3	4	6	.....
15	57.26	56.68	27.3	30.2	73	65	SW 3	WSW 4	7	9	.....
16	57.91	57.10	26	32	78	58	SW 3	WSW 3	8	7	.....
17	58.72	57.35	26.3	32.2	86	60	SW 3	W 3	8	7	.....
18	58.77	56.81	23	32.6	97	58	NE 2	W 3	7	4	.....
19	58.42	57.65	24.7	32	92	63	NE 2	W 3	6	3	.....
20	58.01	57.41	23.8	32	97	59	NE 2	WNW 3	5	5	.....
21	58.23	56.93	24.3	31.8	95	58	NE 2	W 3	4	2	.....
22	57.44	55.25	27.6	32.1	76	57	W 2	W 3	1	2	.....
23	56.10	55.32	27.6	31.2	73	65	W 4	W 5	5	3	.....
24	55.51	55.28	27.7	31.5	79	67	WSW 3	W 4	6	8	.....
25	56.16	55.38	27.3	31	84	69	WSW 3	W 3	10	10	.....
26	56.86	55.47	27.5	32.3	75	64	SW 4	W 3	10	10	.....
27	57.24	56.16	27	29	80	69	WSW 3	SW 3	10	10	.....
28	57.16	56.11	25.3	33	91	55	SE 2	SW 3	6	6	15.5
29	58.54	57.27	23.5	32.5	96	60	NE 1	W 2	8	7	.....
30	58.97	58.02	24.7	32	90	57	E 2	W 2	4	7	.....
31	60.31	58.93	23.5	31.1	96	61	NE 2	W 3	3	5	1.5
Mean	57.45	56.47	25.7	30.9	85.4	65.4		2.7	3.2	6.5	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	124

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.88	58.98	22.7	30.8	98	67	E 2	W 3	3	7	10.6
2	58.89	58.39	21.8	29	98	74	ENE 1	W 3	1	7	.....
3	59.28	58.59	22.3	29.8	98	67	E 1	W 3	2	7	19.8
4	59.92	58.46	23.1	31.2	97	66	ENE 1	W 3	3	4	.....
5	59.14	58.18	24	31.5	97	66	NE 2	W 4	5	4	.....
6	58.80	57.50	27	31.2	80	66	WNW 3	W 3	7	7	.....
7	58.24	57.74	27.9	29.6	78	72	W 5	W 4	9	9	.....
8	58.13	57.97	25.8	27.6	92	85	NE 1	WNW 2	10	10	32.2
9	58.43	56.97	24.5	28.6	92	73	N 2	W 4	10	10	.....
10	56.83	56.48	26.2	25.8	79	87	W 4	W 5	10	10	124.2
11	57.03	56.11	24	30	96	65	NE 2	W 3	10	9	.....
12	57.40	56.71	23.6	29.7	95	64	SE 2	SW 3	9	8	.....
13	57.68	57.23	24.2	31.8	94	60	NE 2	W 2	9	8	.....
14	58.98	57.52	24	30.7	96	71	E 1	W 3	9	7	1
15	59.18	57.87	23.7	25.8	96	89	NE 2	NE 2	8	10	22.3
16	59	57.83	23.5	25.5	96	92	E 1	NE 2	8	10	3.6
17	59.15	57.68	23	28.7	98	78	E 1	WNW 4	5	8	38.4
18	57.53	55.88	24.5	30.3	93	73	NW 2	W 5	7	5	.5
19	57.22	56.39	26.2	30.5	86	73	WSW 3	W 5	8	4	15.2
20	58.26	57.65	24.6	28.1	95	78	W 3	WSW 3	10	10	10.4
21	58.13	57.56	26.2	30.5	86	68	W 4	WNW 4	10	8	.....
22	58.17	57.74	26.4	28.2	83	74	W 5	W 5	10	8	11.1
23	57.18	57.36	26	27.8	88	77	WbyN 5	NW 2	10	10	30
24	56.46	55.64	25.5	30.6	89	64	NW 2	W 3	6	6	3.6
25	56.89	56.33	23.6	31.6	97	57	NE 2	W 2	6	7	25.7
26	57.69	57.17	26.3	30	86	65	W 4	NW 2	9	7	1.5
27	57.56	56.72	25	30.3	93	71	NE 2	WNW 3	10	8	7.2
28	57.37	56.28	26.8	30.5	83	67	W 3	WNW 3	9	8	.....
29	58	57.80	27.5	30	79	71	W 4	W 4	10	9	.....
30	59.02	58.04	27.2	31.2	80	64	W 3	WNW 3	9	8	1.3
31	58.43	57.52	24.2	30.7	95	67	E 1	WNW 3	8	7	.....
Mean	58.19	57.36	24.9	29.6	90.7	71.3		2.5	3.2	7.7	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	358.6

CATBALOGAN.

[$\phi = 11°\ 47'$ N; $\lambda = 124°\ 54'$ E; barometer above sea, 5.5 meters; gravity correction not applied, −1.80 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.48	57.73	26.7	31.1	82	62	W 4	WNW 3	4	2	.....
2	58.72	57.62	27.2	30.8	87	65	W 4	W 4	3	5	.....
3	57.75	56.64	28	30.7	73	69	W 4	W 5	8	8	.....
4	56.21	55.02	27.5	31.5	78	64	WSW 4	W 3	8	9	.....
5	55.06	54.06	28	32.7	71	61	WSW 4	WSW 4	8	5	8.1
6	55.56	55.74	28.5	26.7	70	83	WSW 5	WSW 4	10	10	2.1
7	56.31	55.57	27.4	31.8	78	66	WSW 3	W 4	5	6	.....
8	56.31	55.40	27.5	32.3	78	64	WSW 3	W 3	9	5	.....
9	57.22	56.27	27.2	31.1	80	64	WSW 3	WSW 3	5	7	1.8
10	58.15	56.57	27	31.9	80	62	WSW 3	W 3	10	4	.....
11	58.87	57.82	27.6	31.6	77	65	SW 4	W 3	10	8	.....
12	59.65	58.18	23.6	32.2	98	63	NE 1	W 3	7	4	.....
13	59.77	58.45	23.3	31	97	71	E 1	W 3	3	4	.....
14	59.96	58.83	24.3	30.5	97	68	E 1	W 3	5	9	.....
15	59.80	58.86	27	31.7	86	63	W 3	W 4	9	4	.....
16	59.47	58.74	27.5	30.7	82	60	W 3	W 3	8	9	.....
17	60.61	58.56	24.1	31.6	96	65	NE 1	W 3	4	6	.....
18	60.46	58.84	23.4	29.7	96	67	ENE 1	W 3	6	7	5.3
19	60.45	58.89	24.8	31.2	98	64	E 1	W 4	7	7	16
20	59.71	56.91	23.6	28.8	91	74	WNW 3	WNW 3	10	7	3.5
21	57.58	56.14	22.1	29.8	99	71	NE 1	W 3	8	7	18.3
22	57.70	57.02	24	30	94	73	E 1	WSW 3	7	8	7.4
23	58.09	57.06	23.7	31.4	98	71	E 1	W 3	7	5	32.8
24	59.33	58.96	24.2	27.5	97	82	NE 1	NE 1	8	10	3.3
25	60.66	58.73	23	31	97	65	ENE 1	W 2	3	5	.3
26	60.80	59.12	23	29.3	97	77	ENE 1	N 2	4	8	3.9
27	60.12	57.88	22.7	28.7	98	85	ENE 1	NE 2	8	7	.5
28	58.70	56.40	22.2	29.3	98	76	NE 1	WNW 3	7	7	7.9
29	56.42	54.51	25.5	27.3	92	82	NNW 2	N 2	10	10	39.6
30	55.28	54.73	25.5	30.6	91	65	W 3	W 4	10	9	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.44	57.18	25.3	30.5	88.5	68.9	2.3	3.1	7	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.61	55.39	27.6	29	76	74	WSW 4	WSW 5	10	10	1.5
2	55.80	54.03	27.3	30	75	70	SW 5	SW 4	10	10	.....
3	55.30	55.06	27	29	78	69	SW 5	SW 4	10	10	.....
4	58.24	57.81	24.5	31	89	61	E 2	SW 3	10	7	.....
5	60.36	58.92	25	31	89	61	ENE 1	W 2	8	8	.....
6	60.86	58.66	23.3	32	97	65	NE 1	W 3	3	2	.....
7	58.54	57.96	23	31.3	97	67	E 1	W 3	3	4	.....
8	59.03	57.67	23.5	31.8	96	64	NE 1	W 3	3	4	14
9	59.06	58.10	22.3	30.2	97	73	ENE 1	W 2	3	7	.5
10	59.02	57.64	24.3	29.2	96	73	E 1	NW 3	10	10	2.8
11	58.65	57.48	23.2	28.7	95	76	E 1	WNW 3	10	10	3.8
12	58.30	57.34	22	30.4	98	72	NE 1	WNW 3	5	7	1
13	58.43	56.76	23.8	30	91	65	NE 1	NW 4	7	7	.....
14	57.18	55.77	24.5	28.8	83	69	N 2	WNW 4	9	10	.....
15	55.13	53.86	27.5	29	77	79	W 4	W 4	10	10	.....
16	55.64	55.20	25.7	29.4	83	70	E 2	S 3	10	9	.....
17	58.17	56.15	25.5	32.7	83	55	E 2	S 3	3	4	4.6
18	58.09	56.82	23	31.7	97	60	E 1	WNW 2	7	3	.....
19	58.47	56.62	22.4	31.5	97	61	ENE 1	WNW 3	4	4	19.3
20	58.18	56.60	25.1	30.3	96	75	ENE 1	WNW 3	10	5	40.4
21	56.66	55.56	25.4	27.5	90	82	NE 1	WNW 4	10	10	2
22	56.86	56.41	25.5	29.8	89	70	SE 2	SW 4	10	10	.....
23	59.54	57.92	25.5	32	90	60	NE 2	WNW 2	9	7	.....
24	59.63	58.07	23.3	31.5	97	66	E 1	W 2	2	7	1.8
25	59.45	57.88	22.8	30.6	97	66	NE 1	W 2	2	4	.....
26	60.51	59.29	23.6	31.2	97	56	NE 2	E 3	3	5	.....
27	61.85	59.80	23.2	31.3	98	58	ENE 2	E 3	9	7	8.4
28	61.22	59.36	25.8	29	84	75	E 2	ENE 2	6	8	5.1
29	60.26	57.81	22.5	29.2	99	75	Calm	NE 2	3	7	.3
30	59.24	57.72	24	30.5	93	68	E 1	E 3	5	7	1.3
31	59.87	59.18	25.3	29.3	90	76	ENE 2	NE 2	5	9	11.9
Mean	58.49	57.19	24.4	30.3	90.8	68.1	1.7	3	6.7	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.98	58.09	23.6	31.2	91	58	ENE 2	ENE 3	1	4	.....
2	59.61	57.85	24.5	28	87	77	ENE 2	ENE 3	7	5	13.7
3	59.68	58.30	23.7	31.2	94	55	ENE 1	ENE 3	7	5	.....
4	59.26	58.51	21.3	28.6	97	82	ENE 1	WNW 3	2	7	18.8
5	59.38	58.24	22.5	28.5	97	80	E 1	ENE 2	1	6	3.6
6	59.87	58.19	22	31.8	99	60	ENE 1	ENE 2	1	5	4.8
7	60.20	58.68	22.8	30.1	97	73	E 1	E 3	2	5	9.9
8	60.12	59.15	24	29.8	95	69	E 1	NE 3	1	4	3.3
9	60.41	58.81	24.6	30.5	87	65	NE 2	NE 3	9	6	19
10	60.50	59.14	23	27.9	97	82	E 1	NE 2	7	8	21.3
11	60.56	59.13	24	27	94	86	ENE 1	NW 2	10	9	59.7
12	60.19	58.75	23	26.5	97	82	E 1	ENE 2	9	10	6.4
13	60.57	59.14	24.6	30.8	91	59	ENE 2	SE 3	7	6	10.4
14	60.39	59.38	22.4	29.4	96	57	ENE 1	NE 3	1	4	.....
15	60.84	59.13	21.5	29	97	69	ENE 1	ENE 3	2	8	4.8
16	60.03	59.13	22	26.6	98	83	E 1	ENE 2	4	10	5.1
17	59.54	58.25	21.2	29	98	74	ENE 1	E 2	4	10	.5
18	60.01	58.96	22.5	29.9	97	60	ENE 1	NE 2	10	8	1.3
19	60.23	58.96	21	28.2	96	74	E 1	W 2	1	7	1
20	61.06	59.49	21.8	31.2	98	62	E 1	ENE 3	7	7	.8
21	60.48	59.18	23.6	28.1	95	74	ENE 2	S 3	7	8	8.1
22	60.12	58.74	22.5	28.6	97	75	ENE 1	NE 2	3	8	.....
23	60.34	58.64	21.7	28	98	88	ENE 1	ENE 2	3	8	7.9
24	60.42	58.65	22.5	30.5	98	73	ENE 1	W 2	1	7	6.1
25	60.55	58.69	23.5	31.2	97	57	ENE 1	E 3	7	5	5.3
26	60.14	58.66	21.5	29.8	98	70	E 1	W 2	2	5	.3
27	60.63	58.67	23.3	31.1	97	69	NE 1	W 2	6	4	.....
28	60.24	58.69	22.5	26.5	99	82	ENE 1	NE 2	7	8	1
29	60	58.79	22.5	26.7	98	86	ENE 1	NE 2	3	9	2.1
30	59.78	58.64	22.5	30.5	98	62	NE 2	NE 2	8	6	.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.17	58.75	22.7	29.2	95.9	71.4	1.2	2.4	4.7	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	215.5

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.52	58.88	21.1	30	99	61	NE 1	NE 2	6	7	.....
2	59.71	58.44	21.3	30.5	97	56	ENE 1	NE 2	7	5	.....
3	59.86	57.94	21.2	30	98	62	NE 2	NE 4	6	6	34.8
4	59.60	58.37	24	27.8	96	88	N 2	NE 1	10	8	22.6
5	59.91	59.76	24.7	29.5	91	60	NE 2	NE 4	9	4	.....
6	61.06	59.99	21.5	29.8	95	60	E 1	ENE 4	4	3	.....
7	62.02	59.84	20	30.6	96	52	NE 1	NE 3	4	4	.....
8	61.24	59.81	19	29	97	64	ENE 1	W 2	4	4	.....
9	60.82	58.99	20.3	30.2	97	54	E 1	NE 2	6	6	.....
10	60.71	58.81	20	30.1	96	58	E 1	NE 4	2	5	.5
11	59.92	57.85	22.2	28.5	98	78	ENE 1	NE 2	10	9	7.9
12	59.08	57.91	23	28.3	97	77	ENE 1	NE 2	10	10	4.8
13	58.83	57.79	23	29.8	97	63	E 2	ENE 4	7	7	1.8
14	60.03	58.25	23.4	31	97	66	ENE 1	ENE 3	6	4	5.8
15	60.48	59.63	22.2	31	97	61	ENE 1	NE 2	2	4	.....
16	60.57	59.34	20.4	29	97	65	ENE 1	NE 2	1	9	4.1
17	60.88	59.29	23.5	28.3	96	77	E 1	NW 2	9	8	3
18	61.57	59.86	21	30.2	99	54	E 1	NE 2	7	5	6.9
19	61.38	60.01	22.5	27	97	86	ENE 1	ENE 1	10	10	19.6
20	61.67	59.51	22.4	27	96	88	ENE 2	ENE 2	9	9	6.1
21	60.51	58.65	22.1	29.2	99	66	ENE 1	N 2	9	8	.....
22	59.34	57.76	22.3	28	97	77	ENE 1	NW 2	9	10	.8
23	57.87	57.16	24.5	26	83	77	NNW 3	WNW 5	10	10	4.6
24	57.17	55.73	24.5	24.6	91	92	WNW 5	WNW 5	10	10	36
25	51.30	52.12	25.2	24.5	91	92	WSW 7	S 5	10	10	26.7
26	57.83	57.03	24.8	26.5	87	86	SE 2	SE 2	8	9	15.7
27	59	75	58.46	21	28.6	96	73	NE 1	WNW 2	4	.....
28	60.33	59.01	20.2	27.4	98	81	ENE 1	W 2	1	8	8.1
29	60.56	59.47	23	30	97	66	Calm	WSW 2	3	5	.....
30	60.98	59.39	20.9	29.3	96	73	NE 2	W 2	1	7	.....
31	61.67	60.11	19.3	26.9	97	77	NE 1	NE 2	3	7	.....
Mean	59.90	58.55	22.1	28.7	95.6	70.6	1.6	2.6	6.4	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	209.8

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	58.96	58.36	24	24	93	95	N	2	N	1	10	10	64.3
2..	60.04	58.87	23.5	27.6	94	76	S	1	N	2	8	7	1.3
3..	60.04	59.04	23.8	25	93	85	N	2	N	3	10	10	59.7
4..	59.82	59.04	23	24	91	93	NE	3	N	3	10	10	6.4
5..	60.39	59.16	23.4	23.6	90	85	N	3	N	3	10	10	.5
6..	60.19	59.45	24	24.2	77	80	N	3	NE	3	10	10	16.5
7..	59.69	59.16	23.4	23.4	91	90	N	2	NNE	3	10	10	8.1
8..	61.07	60.39	23.4	24.4	73	69	NNE	4	NNE	5	10	10	.....
9..	61.79	60.72	22.5	23.5	78	71	NNE	5	N	4	7	10	.....
10..	60.77	60.39	22.8	23.8	80	81	N	4	N	4	8	10	6.1
11..	60.85	59.62	23.5	26.6	91	78	N	3	NNE	2	10	10	43
12..	59.74	59.15	23.6	26	93	85	Calm		NE	1	8	10	7.6
13..	59.56	58.81	22.8	23.6	97	93	SE	1	E	1	10	10	3.9
14..	59.64	58.64	24.2	25.6	91	87	NNW	2	N	3	10	10	16
15..	60.59	60.59	23.8	23.8	83	86	N	4	N	3	10	10	11.7
16..	60.94	59.34	23.2	25.4	84	76	N	3	NNW	4	10	10	1
17..	60.05	58.69	22.5	25.8	92	72	N	3	NNE	3	10	10	.8
18..	59.41	58.27	23.5	26.2	90	81	NW	3	NW	3	10	6	14.5
19..	58.76	57.62	23.5	27.8	97	77	NW	1	NW	2	10	6	6.6
20..	59.49	58.72	23.8	25	88	88	N	2	NE	2	7	10	11.7
21..	59.84	58.99	23.6	25	82	79	N	5	N	4	10	8	.....
22..	59.59	59.23	23.6	25.2	78	68	NNW	3	N	4	10	9	.....
23..	59.79	58.32	23.2	25	75	76	NNW	5	NNW	4	10	10	.....
24..	58.84	57.44	23.6	24.8	82	79	N	4	N	4	10	10	4.3
25..	58.06	58.06	23.2	22.4	93	93	NNW	4	N	3	10	10	25.6
26..	58.84	58.84	23.2	23.6	78	83	NNW	4	N	4	10	10	1.5
27..	59.06	58.09	22.2	23.8	94	85	NW	4	NNW	4	10	10	.3
28..	58.67	57.48	23.8	25.2	81	77	NW	5	NW	4	10	10	.3
29..	58.47	58.12	23.2	25.6	77	71	NNW	3	N	3	10	10	.....
30..	58.26	57.44	23.8	24.4	81	88	N	3	NW	3	10	10	51.8
31..	59.44	58.76	22.5	23.2	97	95	N	1	N	1	10	10	18
Mean	59.70	58.86	23.4	24.8	86.6	82		3		3	9.6	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	381.5

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	60.07	59.45	23.5	26.4	90	73	N	2	N	2	10	10	2.8
2..	60.47	59.29	23	25.5	93	86	N	2	N	2	10	10	3.3
3..	59.40	58.12	23.6	26	95	85	Calm		ESE	3	10	10	8.9
4..	59.35	57.87	23.8	29	97	71	Calm		E	1	10	4	.....
5..	58.69	57.37	23.4	28.6	95	77	SE	2	SE	2	7	5	.....
6..	58.16	56.98	23	27.4	97	73	SE	1	NW	2	6	6	.....
7..	58.14	57.44	23.6	26	97	84	Calm		E	2	7	10	2
8..	59.47	58.77	22.6	28	78	54	NE	1	NNW	3	6	7	.....
9..	60.19	59.22	23.5	27.4	80	70	N	3	N	3	8	10	15.5
10..	60.17	59.77	24	23.2	90	97	N	3	N	2	10	10	38.4
11..	59.84	58.09	23.6	25.2	86	90	N	4	NNE	3	10	10	8.9
12..	58.76	58.47	24.4	25.8	95	89	NE	2	N	2	10	10	29.7
13..	60.04	58.79	23.5	26.2	94	84	SE	2	N	2	10	10	2.3
14..	59.39	58.07	23.5	27.8	96	79	Calm		NNW	3	10	7	2
15..	59.44	57.82	24.2	28.8	91	73	N	1	SE	2	10	8	.....
16..	60.59	59.32	23.8	28.4	97	75	SE	1	NNW	3	7	7	.....
17..	60.91	59.97	24.6	24.2	83	91	N	3	NNW	3	8	10	.8
18..	61.29	60.12	22.8	24.8	86	79	NNE	3	N	3	10	10	.....
19..	61.57	61.12	22.5	23	80	87	NNE	3	N	3	10	10	1.8
20..	62.09	60.94	20.8	25	94	73	N	3	N	3	10	9	.....
21..	61.99	60.95	21.6	27.4	86	60	NE	1	NE	3	9	8	.....
22..	62.25	61.44	22.6	24.2	84	78	NNW	3	SE	2	6	10	.5
23..	62.09	61.17	22.4	27	79	....	N	2	N	3	4	6	.....
24..	62.84	61.52	22.4	26.4	79	69	NNW	2	NNW	4	7	6	4.3
25..	61.72	61.25	23	22.2	95	96	NW	3	NW	2	10	10	86.1
26..	61.24	60.27	22	27.4	98	70	Calm		NNE	3	6	8	.....
27..	62.02	61.22	23.6	27.4	88	74	N	3	NNW	3	7	4	.....
28..	61.69	59.97	23	28.8	93	60	E	1	NNW	3	7	6	.....
29..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.50	59.46	23.2	26.3	89.9	77.7	1.8		2.6		8.4	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	207.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	60.89	60.22	23.6	26.4	81	78	NW	3	N	3	7	10	0.3
2..	61.49	61.27	23.8	26.2	83	70	NNW	3	NNE	3	6	10	.....
3..	63.29	62.10	24	26.8	79	69	NNE	3	NNE	3	10	7	3.6
4..	62.54	60.77	24.5	28	87	70	NNE	3	N	3	8	7	1
5..	61.27	60.73	24.8	24	81	88	NNW	3	NNW	3	7	10	49
6..	61.44	60.11	24	27	90	80	N	1	N	3	10	10	6.4
7..	60.67	60.17	24.5	23.8	83	89	N	3	NNE	3	8	10	16
8..	59.21	57.31	23	24.4	96	92	N	3	NNW	3	10	10	34.8
9..	57.09	56.99	23.4	25.5	95	84	NW	3	NW	3	10	10	4
10..	58.46	57.39	23	26.2	98	86	SW	3	NNW	2	7	7	5.1
11..	58.89	57.70	24	27.4	87	76	SW	3	NNW	4	10	7	.....
12..	58.71	57.74	23.8	27.4	90	78	NW	4	NW	4	8	3	.8
13..	58.89	57.97	23.5	28.4	94	76	Calm		N	2	10	3	.3
14..	59.64	58.49	24	27.6	93	80	NW	1	NNW	3	7	4	.....
15..	59.31	59.37	22.8	24.6	93	88	SW	2	SW	2	6	10	4.1
16..	60.47	59.62	22.2	29	95	67	Calm		E	2	2	4	.....
17..	61.44	60.92	23	27.6	91	71	E	1	NNE	2	10	7	.....
18..	62.48	61.62	23	27.6	87	69	Calm		NNW	2	7	9	.....
19..	61.92	61.02	21.5	28.2	94	63	E	1	NNW	2	2	3	.....
20..	60.77	59.59	23	28.5	83	62	N	2	E	2	2	5	.....
21..	60.07	58.22	22	29.4	88	61	E	1	NE	2	3	6	.....
22..	59.46	58.75	22.5	28.4	94	69	E	1	E	1	4	7	.....
23..	60.34	58.82	22	28.6	95	65	Calm		E	2	4	4	.....
24..	59.01	57.88	22.2	30.6	94	64	Calm		E	1	4	5	.....
25..	59.27	58.30	24.4	31.6	93	65	Calm		SE	2	3	3	.....
26..	59.40	58.88	24.5	31.8	94	61	E	1	E	1	3	2	.....
27..	59.90	59.25	25.2	29.8	87	66	N	2	E	2	6	4	.....
28..	60.35	58.93	24.6	30.5	83	61	E	1	NE	2	6	7	.....
29..	59.98	58.98	25	29.4	85	67	N	3	NE	2	7	7	.....
30..	59.42	58.67	24.4	28.2	88	76	NE	1	NE	1	4	6	.....
31..	60.16	58.53	24.4	30	92	68	NE	1	E	3	6	7	2.5
Mean	60.20	59.24	23.6	27.8	89.5	72.9	1.7		2.4		6.4	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	127.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1..	59.90	58.94	24.6	26.6	93	80	N	1	NNW	3	6	9	.....
2..	59.08	57.75	25	28.2	85	74	NNW	3	NNW	3	4	8	2.8
3..	58.98	57.52	25.2	28.6	80	71	NE	2	N	3	10	7	.3
4..	59.09	58.13	24.5	29.6	86	62	N	2	E	2	7	4	.....
5..	58.94	58	24	28.2	87	73	NW	2	NNW	3	2	10	1.5
6..	58.39	57.05	24.6	29.4	97	76	NW	3	E	2	8	7	1.8
7..	58.19	56.89	24.2	31.2	98	64	Calm		E	2	4	4	.....
8..	58.14	57.25	24.4	31.6	95	63	Calm		ESE	2	3	4	.....
9..	58.54	57.42	23.2	29.8	98	71	E	1	NNW	3	4	6	.....
10..	58.87	57.68	25.4	30.6	92	68	E	1	NE	2	10	4	.....
11..	58.18	56.57	24.6	29.2	82	66	NW	3	NW	4	8	7	.....
12..	56.27	54.57	25.6	28.4	88	73	NW	4	NW	5	8	10	.....
13..	55.07	55.45	26	28.4	84	69	W	4	W	4	10	10	.....
14..	57.49	56.52	23.6	28	97	80	S	1	NNW	3	7	8	.....
15..	58.16	56.88	23.5	30.2	97	70	Calm		NNW	1	8	5	.....
16..	58.99	57.83	25.2	30.8	88	62	NW	2	E	2	7	7	.....
17..	59.70	58.71	24	30.6	93	64	Calm		E	2	8	8	.....
18..	60.72	59.65	23.6	30.2	88	64	E	1	E	2	7	8	.....
19..	61.22	59.83	24.6	31.5	87	58	NE	2	E	2	7	6	.....
20..	60.96	59.50	24.6	31	80	58	NW	2	E	2	4	4	.....
21..	60.40	59.15	25.5	29.5	81	68	NNE	2	NNW	2	8	6	.....
22..	59.27	58.75	24.8	30.4	95	72	SE	2	E	3	7	8	5.3
23..	59.41	58.83	24.2	31.8	94	60	NE	1	E	2	8	7	.....
24..	60.32	59.65	25.4	31.8	95	60	ESE	1	NNE	3	4	7	5.3
25..	60.62	59.28	25	32	95	61	E	2	E	2	7	6	.....
26..	59.22	58.43	25.2	29.2	94	68	E	1	E	2	6	7	.....
27..	58.44	57.35	24.8	30.8	95	64	SE	1	E	2	7	6	.....
28..	58.17	57.36	25.2	31.5	93	64	E	1	SE	2	6	4	.....
29..	59.40	58.70	25.5	32.2	91	56	SE	1	ESE	3	5	4	.....
30..	59.55	58.65	25.8	31.8	89	61	E	1	ESE	2	3	5	.....
31..	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.99	57.94	24.7	30.1	90.6	66.7	1.6		2.5		6.4	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	17

MASBATE.

[$\phi = 12°\ 22'$ N; $\lambda = 123°\ 36'$ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.84	57.45	25.5	31.6	91	65	SE 1	ESE 2	6	7	1
2	58.40	57.38	24.8	32	97	52	ESE 2	NNE 3	10	2	1
3	58.24	57.63	25.2	33	95	57	NE 1	SE 3	7	6	.....
4	59.32	58.13	25	33.5	96	51	NE 1	E 2	7	6	.....
5	59.61	58.23	26	33	90	56	NNE 1	SE 3	7	3	.....
6	58.74	57.11	26.2	32.4	90	56	NNE 1	E 3	6	6	.....
7	58.24	56.21	26	32.5	92	58	Calm	ESE 3	6	4	.....
8	56.88	55.93	25.8	33.6	90	55	E 1	E 2	7	5	.....
9	57	55.91	25.2	30.2	95	71	SE 1	SSE 1	7	8	.....
10	57.99	57.28	26.5	31.6	90	57	E 1	E 3	7	4	.....
11	58.82	57.42	26.2	33.5	87	57	E 1	SE 3	6	7	2.3
12	58.07	58	25.8	31.2	90	68	Calm	SE 2	8	10	.....
13	58.32	57.90	26.2	31	86	69	E 1	E 3	4	6	.....
14	59.47	58.80	25.5	32.4	93	58	Calm	SE 3	7	6	.....
15	59.87	58.30	25.8	32.2	93	61	Calm	E 2	6	4	.....
16	58.87	57.17	25.8	30.6	92	59	S 1	NNW 2	4	5	.5
17	57.49	56.28	26.5	33.2	85	57	E 1	SE 2	6	7	.....
18	57.90	56.88	28.4	33	80	57	E 1	ESE 2	8	6	.....
19	58.84	57.45	26.4	31.6	90	60	E 1	E 2	6	6	.....
20	58.64	57.28	26.6	33	87	54	Calm	E 3	4	3	.....
21	58.02	57	25.8	32.5	89	50	E 1	E 3	4	2	.....
22	58.29	57.45	24.8	30.8	89	64	SE 2	NNW 2	3	3	.....
23	58.52	57.03	25.5	30.5	91	65	SW 1	NW 3	6	5	.....
24	58.12	56.53	25.2	32.4	90	58	S 1	NW 1	4	6	.....
25	57.32	56.78	25.5	32.8	89	64	SW 1	NE 2	6	7	.....
26	58.12	57.68	26.8	31.5	89	60	Calm	SW 3	6	4	.....
27	59	57.43	26.8	33.4	87	51	SW 3	SW 3	8	4	.....
28	58.57	57.41	27.5	32.8	84	61	Calm	NNW 2	5	5	7.6
29	58.67	57.63	26	32.4	90	62	SW 1	SE 2	2	7	.....
30	59.80	57.98	26.6	32.6	92	60	SW 1	E 2	6	7	.....
31	59.90	57.81	26	34.8	89	43	SW 1	SE 2	3	5	.....
Mean	58.51	57.34	26	32.3	89.9	58.6	0.9	2.4	5.9	5.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.90	58.48	28.4	33.2	80	55	E 1	E 3	5	7	.....
2	59.25	58.30	28.5	29.4	80	72	E 1	E 2	8	9	0.5
3	58.80	56.63	26.4	33	89	54	SW 1	SE 3	4	5	.....
4	57.83	56.66	26.4	31	90	62	Calm	E 2	6	8	.5
5	57.15	56.11	25.2	29.2	88	70	SW 2	SW 3	10	9	41.1
6	56.71	55.62	23.8	29.5	93	69	Calm	S 2	10	8	.....
7	57.62	57	25.4	30	87	70	E 1	E 2	6	6	.3
8	59.12	59.07	25	26.5	88	77	SE 2	SW 3	4	10	3.5
9	59.05	59.35	25.5	28.5	89	74	Calm	E 2	8	10	.....
10	58.67	57.85	25.5	27	89	81	Calm	NNW 3	10	10	8.6
11	57.84	57.20	24.2	29.5	91	61	SW 3	SSW 3	10	10	.5
12	58.99	57.78	25.2	31.5	88	66	SW 1	E 1	6	6	1.3
13	59.32	58.71	25.6	28.2	85	83	SW 2	E 1	7	9	30.7
14	59.57	57.95	25.6	32.2	90	54	SW 1	SE 2	4	7	.....
15	59.15	57.90	26.6	30.8	90	65	Calm	E 2	7	7	.....
16	59.50	58.48	26.8	32.2	90	53	SE 1	E 2	6	6	.....
17	59.61	57.81	26.2	32.2	92	54	SW 2	E 2	4	6	4.1
18	58.87	57.96	25.5	32	84	58	E 1	SE 2	4	7	.....
19	59.32	58.38	26.5	31.4	86	63	E 1	SE 2	7	7	.....
20	59.31	58.22	27.4	31.6	80	65	E 2	SE 2	5	6	.....
21	58.85	57.69	26.2	30	87	62	Calm	SE 2	8	8	.....
22	57.99	56.86	26.6	32.4	84	50	E 1	SE 2	8	4	.....
23	57.77	56.92	27.4	31.6	81	63	SE 2	E 2	7	6	.....
24	58.25	56.28	26.5	33	88	42	SW 1	SE 2	5	4	.....
25	56.97	56.23	26.4	30.4	81	66	SW 2	SW 2	7	10	22.3
26	54.20	54.55	27	26.4	83	78	SW 3	NW 3	10	10	71.6
27	51.79	49.54	24	24.6	91	92	SSW 3	SW 5	10	10	170.1
28	49.88	49.64	23.5	26	99	85	SW 5	SW 4	10	10	27.2
29	50.94	51.05	26.6	28.5	77	71	SW 4	SW 5	10	10	.....
30	55.59	55.27	27.2	29.4	78	68	SW 4	S 3	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.59	56.65	26	30	86.6	66.1	1.6	2.5	7.2	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	382.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.79	57.68	25.5	31	92	58	SW 1	SW 3	7	6	.....
2	58.87	57.38	26	31.6	89	65	SW 1	N 1	4	5	0.5
3	57.87	56.55	25.2	30	87	73	SW 2	NNW 4	5	9	5.3
4	56.47	55.42	25.8	29	88	74	SW 3	SW 3	9	10	85.6
5	55.10	54.26	24	28.5	81	70	SW 2	SW 4	10	10	2.8
6	54.31	54.60	25.5	30	81	59	SW 3	SW 3	7	6	4.1
7	56.94	56.57	25.2	28.5	92	73	SW 1	SW 3	8	10	3.3
8	57.44	56.55	25.8	29.5	81	65	SW 3	SW 5	10	10	1
9	56	54.76	27.5	30	76	62	SW 4	SW 5	10	9	.....
10	55.44	54.80	27	31	77	53	SW 3	SW 5	7	6	.....
11	55.84	55.80	27.2	30.6	78	65	SW 3	SSW 4	6	7	.....
12	57.39	56.98	27	31.5	80	63	SW 3	S 3	4	7	.....
13	58.04	57.05	26.6	30.6	83	57	S 3	SW 5	5	6	.....
14	57.09	56.23	26.5	30.5	84	58	SW 3	SW 5	4	6	.....
15	57.13	56.40	26	29.5	87	70	SW 2	SW 3	7	10	.....
16	57.22	58.83	26	30.8	82	63	SW 3	SW 3	7	6	.....
17	58.47	57.23	25.8	31.4	89	65	SW 3	SW 3	7	7	.....
18	58.44	56.90	26.4	31	86	59	SW 2	SW 3	7	7	.....
19	57.94	57.33	26.4	31.2	89	57	SW 2	S 4	7	4	.....
20	58.04	57.08	26.6	31.8	87	62	S 3	S 3	4	7	.....
21	58.37	56.93	26.5	31	83	59	SW 3	SW 3	2	6	.....
22	56.97	55.28	26.8	31	80	56	SW 3	SW 5	2	3	.....
23	55.97	55.18	27	30.8	81	62	SW 3	SW 4	6	4	.....
24	55.67	54.85	27.5	30.5	79	67	SW 3	SW 5	6	9	.3
25	56.20	55.28	27.4	30.5	85	66	SW 3	SW 4	10	8	.....
26	56.72	55.57	26.8	28.6	89	73	SW 3	SW 4	10	10	5.1
27	57.22	55.95	26.4	29	84	75	SW 2	SW 3	10	10	.....
28	56.64	55.90	26.8	29.8	84	67	SW 2	SW 4	10	9	.3
29	58.29	57.15	26.8	31	82	58	SW 2	SW 3	10	5	.....
30	58.99	58.20	25	30.8	93	65	SW 1	E 2	10	9	.....
31	60.32	59.40	25.6	29.6	93	69	SW 1	SW 3	10	9	.....
Mean	57.20	56.39	26.3	30.3	84.6	64.1	2.5	3.6	7.1	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.17	58.78	25.8	30.4	93	66	SW 2	NE 3	9	9	51.1
2	59.14	58.38	24.8	30.6	93	62	SW 1	SW 3	8	9	.....
3	59.40	58.45	25.2	29.6	94	71	SW 2	SW 3	7	6	23.9
4	60.07	58.77	25.8	29.6	89	71	S 2	N 2	3	6	4.8
5	59.24	58.05	26.6	30	83	73	SW 2	NNW 3	2	7	15.2
6	59.25	57.48	27	31.2	83	62	SW 2	SW 3	7	6	.....
7	58.19	57.55	26.8	30.8	83	63	SW 2	SW 3	7	6	.....
8	58.20	57.80	27.2	27.2	81	84	SW 3	Calm 7		10	14.8
9	58.34	57.59	26.2	26.6	87	78	W 2	NNW 3	10	10	10.7
10	56.99	56.57	25.5	26.2	93	84	S 2	SSW 2	10	10	71.9
11	56.39	56.17	25.5	27.8	84	73	SW 3	SW 4	10	10	8.9
12	56.99	56.02	24.8	27.6	85	77	SW 2	SW 4	10	10	2
13	57.14	56.93	25.6	29.5	83	68	SW 3	SW 4	9	7	11.2
14	58.94	57.60	24.8	30.2	95	65	SW 1	SW 3	7	7	31.5
15	59.19	58.18	23.4	30.1	93	68	SW 1	NNW 3	7	5	12.4
16	58.89	58.35	24.5	29.8	92	74	SW 3	NNW 1	7	8	5.8
17	59.27	57.47	25.6	28.4	82	79	SW 2	NNW 3	10	10	7.1
18	57.52	56.25	25.5	26.4	92	86	SW 3	SW 3	10	8	10.6
19	57.17	56.37	26.4	30.2	81	68	SW 4	SW 4	7	6	16.3
20	57.72	57.37	25.6	28.2	87	74	SW 3	SW 4	9	10	1
21	57.87	57.50	26.2	28.8	84	69	SW 3	SW 3	8	9	15.5
22	58.29	57.05	25	30	90	65	SW 3	SW 4	10	7	6.6
23	57.20	57.10	26.5	28.8	84	69	SW 4	SW 4	6	9	2
24	56.12	55.47	26	29.4	81	67	SW 4	SW 3	7	8	.....
25	56.62	56.34	25.6	29.5	84	68	SW 1	SW 2	4	8	13.2
26	57.84	57.30	25.4	28	88	74	SW 2	SW 3	6	10	1.5
27	57.57	56.65	26	29	89	78	SW 2	N 1	6	8	2.1
28	56.92	56.42	26	27.6	85	86	SW 3	NNW 2	7	8	4.3
29	57.74	57.85	26.4	28.2	77	74	SW 3	SW 3	8	8	.....
30	58.94	57.88	25.6	30.4	83	69	SW 3	SW 3	8	7	.....
31	58.62	57.35	25.4	31	92	62	SW 1	SW 3	9	7	.3
Mean	58.13	57.32	25.7	29.1	86.8	71.8	2.4	2.9	7.6	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	344.7

MASBATE.

[ϕ=12° 22′ N; λ=123° 36′ E; barometer above sea, 3.5 meters; gravity correction not applied, —1.79 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P ct.*			*0–10*	*0–10*	*mm.*
1	58.49	57.55	25.8	31	85	65	SW 3	SW 3	6	6	.....
2	58.90	57.78	26	30.2	84	62	SW 3	SW 3	5	7	.....
3	57.67	56.62	26.5	30.4	85	63	SW 3	SW 4	7	8	.....
4	56.12	55.07	26.8	29.8	84	63	SW 3	SW 4	7	9	0.3
5	54.97	53.50	25.5	30.2	88	74	SW 3	SW 3	10	8	16.5
6	54.82	54.89	25.5	27.5	94	82	SW 4	SW 5	10	10	23.7
7	56.02	55.45	26	29.2	90	70	SSW 2	SW 4	4	10	.....
8	56.08	55.16	27.4	30	81	70	SW 3	SW 5	7	7	.....
9	56.89	55.78	26.8	30.2	86	73	SW 3	SW 4	7	7	.....
10	57.59	56.45	26.8	30.2	90	74	SW 3	SW 3	10	7	.....
11	58.42	57.44	26.4	30.6	94	69	SW 3	SW 3	8	8	.....
12	59.62	58.09	25	31.4	97	66	Calm	SW 3	7	7	.....
13	59.52	58.45	26.2	31.4	92	67	SW 3	NW 1	7	7	.....
14	59.87	58.90	25.5	30	96	75	NW 2	WSW 3	8	7	.....
15	59.80	58.55	26.4	30.5	94	67	SW 3	SW 3	8	6	.....
16	59.57	58.40	26.4	30.4	93	72	SW 3	SW 3	7	7	.....
17	60.32	58.08	26	31.2	95	68	W 2	NNE 3	6	7	2.3
18	60.20	58.60	25.5	27.5	99	94	WSW 2	NE 2	7	8	5.8
19	60.45	59.42	25.4	27	95	89	SW 3	ESE 2	6	8	48.5
20	59.87	57.10	24.6	28.2	92	83	SW 2	NW 3	10	7	4.3
21	57.59	56.02	25	30.2	97	80	WSW 3	NW 3	7	6	2
22	57.69	56.97	25	28.4	100?	86	SW 1	S 2	7	8	1
23	58.07	57.05	25	28	97	85	SW 1	W 3	4	8	1
24	59.07	58.55	25.6	29.6	98	77	W 2	W 3	7	7	5.6
25	60.35	59.11	25.4	28.4	98	85	SW 2	WSW 3	5	6	.....
26	60.65	59	26	31.6	96	63	SW 2	SE 2	7	6	.....
27	60.32	58.20	27.2	31.2	87	75	NW 3	N 2	8	4	.....
28	58.95	56.83	27.4	30.6	91	71	NNW 3	NW 3	5	4	.....
29	56.77	54.50	26.6	29.6	97	79	NW 3	NW 4	8	7	3.8
30	55.52	54.62	26.5	30	92	78	SW 3	WSW 4	8	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.34	57.07	26	29.8	92.2	74.2	2.5	3.1	7.1	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.38	54.93	27.4	29.8	.....	.....	SW 4	SW 5	10	9	.....
2	55.17	53.82	26.2	28.5	.....	.....	SW 5	SW 7	10	9	.....
3	55.07	54.33	26	30.5	.....	.....	SW 4	SW 3	7	8	.....
4	57.72	57.30	25.6	29.2	.....	.....	SW 3	SSW 4	10	8	3.3
5	60.18	59.16	26.2	30.5	.....	.....	S 2	SSW 3	10	9	.....
6	60.60	59.08	24.6	30	.....	.....	SE 2	SW 3	7	9	.....
7	58.84	57.95	25.5	30.4	.....	.....	SW 3	NNW 3	6	5	.5
8	59.22	58.38	26	29.4	.....	.....	S 2	SW 3	7	8	.....
9	59.14	58.10	25.5	31.2	.....	.....	WSW 1	NNW 2	6	7	.....
10	58.82	58.15	26.2	28.2	.....	.....	WSW 2	E 2	8	10	8.4
11	58.97	57.60	26.2	29.2	.....	.....	N 3	NW 3	7	9	.3
12	58.67	57.69	26	29.6	.....	.....	WNW 3	NW 3	4	8	.....
13	58.67	57.45	26.4	28.8	.....	.....	N 3	NW 4	9	7	.....
14	57.22	56	26.5	27.6	.....	.....	NW 4	SW 3	10	9	.....
15	54.88	53.65	27.6	28.4	.....	.....	SW 4	WSW 4	10	10	.8
16	54.57	54.58	26.8	30.4	.....	.....	SSW 3	S 4	9	8	12.4
17	57.92	55.80	25.4	31	.....	.....	SE 2	SE 2	10	7	10.1
18	57.59	56.60	27	30.5	.....	.....	S 3	SSW 3	7	6	.....
19	58.10	56.83	25.5	30.4	.....	.....	SSE 2	SSW 3	4	7	.....
20	57.59	56.58	25.8	28	.....	.....	SW 3	NNW 1	8	7	.....
21	57.79	56.12	25.5	27.5	.....	.....	W 1	WNW 1	10	10	1.5
22	56.04	55.75	27.2	28.5	.....	.....	SW 4	SSW 4	10	10	3
23	59.07	58.05	26.8	30	.....	.....	SW 3	SW 3	7	5	.....
24	59.60	58.45	25	29	.....	.....	SW 3	NW 2	6	9	.....
25	59.57	58.30	24.8	28.8	.....	.....	SW 3	WNW 2	4	7	.....
26	60.40	59.75	25.8	26.8	.....	.....	E 1	E 2	4	7	1.3
27	61.82	60.35	25.6	30.8	.....	.....	E 1	NE 3	10	4	1.8
28	61.47	59.98	25.4	30.4	.....	.....	E 2	NE 3	8	8	11.2
29	60.45	58.48	25	30	.....	.....	NNE 1	NNE 3	10	7	5.3
30	59.53	58.41	26	27.5	.....	.....	NE 3	SE 3	7	10	2.8
31	60.17	59.30	26.4	29.6	.....	.....	NE 3	E 3	8	8	.....
Mean	58.39	57.32	26	29.4	.....	.....	2.7	3	7.8	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62.7

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.25	58.44	25.4	30.5	95	70	NE 2	NE 3	4	5	2
2	59.82	57.90	25.4	30.8	95	76	NNE 2	E 3	7	7	.....
3	59.75	58.75	25.2	30.2	93	71	NNE 2	NE 3	6	3	.....
4	59.32	58.64	25.6	31	92	65	NE 2	NE 2	6	7	.....
5	59.60	58.48	26.4	30.8	92	80	NE 2	NNW 2	4	5	.....
6	59.97	58.58	25.5	31.4	96	75	ENE 2	NE 3	4	5	4.8
7	60.37	59.10	24.8	29.6	98	82	NE 1	NE 2	7	6	5.1
8	60.37	59.58	26	30.5	94	74	E 2	NE 2	7	5	14.2
9	61.20	59.23	24.2	29.8	100	78	SE 2	NE 3	10	7	18.8
10	60.90	59.38	24.6	29.2	93	78	SE 3	NE 4	7	4	9.2
11	60.88	59.51	26	28.6	92	78	NE 3	NE 3	10	7	37.8
12	60.76	58.97	24.5	27.5	97	85	NNE 3	N 3	7	10	20.1
13	61.02	59.73	26	29.2	90	75	E 3	NE 3	7	5	9.4
14	60.97	59.70	25	29.5	96	68	NE 1	NE 2	7	2	2.3
15	61.10	59.77	24.5	26.5	99?	91	SE 2	NE 2	6	10	17.3
16	60.46	59.22	24.4	28.2	93	83	NE 2	NE 3	8	8	8.6
17	59.77	59.10	24.4	25.4	100?	97	SE 1	NW 3	6	10	13.9
18	60.42	59.33	25.5	28.8	84	69	NNE 3	NE 2	10	7	.....
19	60.37	59.52	24.8	26.4	88	84	N 3	NE 2	7	10	.5
20	61.12	59.77	24.2	28.5	94	78	NE 1	NNW 3	4	4	.....
21	60.92	59.62	25	26.4	92	87	NE 1	E 2	6	6	1
22	60.29	58.80	24.5	30	99?	73	SE 2	SE 2	6	4	.....
23	60.37	58.75	24.6	30.5	100?	74	Calm	ESE 1	7	4	.....
24	60.60	59.25	25.4	29.8	97	77	E 2	SE 3	7	7	.....
25	61.05	58.88	25	29	96	78	NE 2	NE 3	9	7	.....
26	60.12	59.03	25	30	95	73	E 1	NE 3	5	3	.....
27	60.80	59.13	25	29.8	97	70	Calm	E 2	4	3	.....
28	60.22	58.85	24.6	29.8	97	76	SE 2	SE 2	8	5	.5
29	60.42	59.08	25.8	29.2	90	75	N 3	NNE 3	6	4	.5
30	60.20	59.42	26	27	88	88	NNE 3	N 3	7	10	3.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.45	59.12	25.1	29.1	94.4	77.6	1.9	2.6	6.6	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169.3

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.57	59.22	25.6	28.8	90	78	N 3	N 2	7	7	1.5
2	60.25	59.15	25.4	28.2	88	79	NNW 3	NW 3	7	8	.....
3	60.24	58.82	25.5	28.6	88	71	NE 2	NE 3	5	8	.....
4	60.87	59.17	25.6	26.6	82	87	NW 3	NE 2	10	10	18.8
5	60.05	60.07	25.4	28.5	95	77	NE 3	NE 3	10	7	4.3
6	61.46	60.62	25.5	28.2	84	77	NE 3	NE 3	6	8	3.3
7	62.17	60.64	24	27.8	96	79	E 1	NE 3	7	7	.....
8	61.57	60.73	25	28.6	83	69	NE 3	NE 3	10	6	.....
9	61.07	59.60	24.8	28	90	80	N 3	N 3	7	6	.....
10	61.04	59.48	23.8	29.2	95	73	E 1	NE 3	7	4	.....
11	59.95	58.52	25.5	28.2	96	91	NNE 3	N 3	7	8	.....
12	59.32	58.52	26	27.4	94	86	NE 3	NNE 3	9	10	9.7
13	59.36	58.40	23.8	28.5	98	88	SE 2	NE 2	8	10	4.6
14	60.22	58.90	25	28.8	97	83	NE 2	E 3	10	7	1
15	60.59	60.15	24.5	29.2	99	81	E 1	E 3	7	4	.....
16	60.77	60.05	24.8	28	97	86	NE 2	NE 3	4	6	2.3
17	61.47	60.05	25.5	25	98	97	N 2	NE 3	10	10	22.6
18	61.84	60.30	23.8	27.6	98	86	E 1	NE 3	9	9	.....
19	61.84	60.77	25	26	92	94	NE 2	NNW 3	9	10	1
20	62.04	60.20	24.2	25.6	98	98	SE 1	NW 3	10	10	1.8
21	60.87	59.17	25.4	27.8	93	82	NE 3	NE 3	8	8	.....
22	59.72	58.67	24.5	27.5	96	85	NW 3	NW 3	9	8	.5
23	58.59	58.22	24.4	27.5	98	88	NW 3	NW 3	8	8	.....
24	58.03	56.87	25.4	26.2	97	89	NW 3	WNW 3	10	10	17
25	52.56	38.24	25.4	24.8	88	97	NW 7	SW 12	10	10	328.4
26	57.41	56.77	24	28.2	86	72	SE 2	SW 3	8	7	6.6
27	59.29	58.77	23.4	29	93	64	SE 1	E 1	6	3	.....
28	60.24	59.10	23	28	97	76	ESE 2	NNW 2	2	8	10.9
29	60.36	59.47	24.4	28.8	93	71	N 2	E 2	10	6	6.4
30	61.37	59.95	24.4	28.8	91	69	NE 1	NNW 2	7	3	.....
31	61.52	60.57	23	27.5	97	70	Calm	NE 3	3	10	2.3
Mean	60.21	58.68	24.7	27.8	93.1	81.4	2.3	3	7.7	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	443

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 12.15 meters; gravity correction not applied, −1.78 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.46	58.46	24.3	28.9	87	72	N 3	N 3	10	10	9.6
2	60.07	59.38	24.6	31	92	67	N 3	N 3	10	9	12.4
3	60.02	59.44	23.8	28.5	91	72	N 4	NNE 5	10	8	1.8
4	59.90	59.36	24.1	26.6	94	82	NNE 4	NNE 4	10	10	1.9
5	60.44	59.60	24.1	26	85	75	N 3	N 5	10	9	.....
6	60.43	59.74	24.4	27.4	76	68	NNE 5	NNE 4	10	10	2.8
7	59.98	59.25	23.1	26.5	91	75	NNE 4	NNE 4	10	10	1.8
8	61.15	60.88	23.4	25	75	73	N 6	N 6	9	8	.....
9	62.30	61.15	22	27.5	75	63	N 6	NNE 4	10	8	.....
10	61.38	60.86	22.3	27	80	66	NNE 5	NNE 4	10	8	3.6
11	61.30	60.29	23	27.1	91	77	N 2	N 4	10	10	8.1
12	60.23	59.22	23.7	29.3	94	70	NNE 2	NNE 2	10	7	27.4
13	59.43	59.25	23.5	25.2	96	86	N 4	NNE 3	10	10	1
14	59.89	59.28	24.5	26	90	82	N 4	N 4	10	10	15
15	61.06	60.93	23.6	23.5	86	89	N 5	N 5	10	10	4.8
16	60.88	60.13	23	24.1	87	82	N 4	N 5	10	10	.6
17	60.26	59.41	22.7	26.5	85	74	N 4	N 5	10	8	2.1
18	60.30	58.82	22.3	27.1	97	78	N 3	N 3	10	9	1.3
19	59.02	58.11	23.7	27.2	92	80	N 2	N 3	10	9	8.4
20	59.40	59.16	23.7	26	94	85	N 4	N 3	10	9	.3
21	60.25	59.66	23.1	27.3	83	74	N 5	NNE 5	10	9	.....
22	60.46	59.76	22.6	24.1	82	86	NNE 5	NNE 4	10	10	.8
23	60.24	59	22.1	26.9	81	73	NNE 5	NNE 4	10	9	.....
24	59.60	58.16	23	25.5	83	84	NNE 5	NNE 4	8	9	.....
25	58.82	58.56	23	24	89	86	N 5	N 5	10	10	.....
26	59.56	59.41	22	25.5	88	81	N 5	N 4	10	10	.....
27	59.57	58.42	22.6	25.2	87	82	N 6	N 4	10	10	.....
28	59.50	58.16	22.8	25.7	84	80	N 4	N 5	10	10	.....
29	59.38	58.56	22.6	26.7	95	80	NNE 3	NNE 3	10	10	.....
30	58.72	58.11	23	27.2	89	83	NNE 2	N 3	9	8	.5
31	59.41	59.22	23.4	24	93	95	N 4	N 3	10	10	9.1
Mean	60.08	59.35	23.2	26.4	87.5	78.1	4.1	4	9.9	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.15	60.02	23	24.7	94	94	NNE 4	NNE 3	10	10	1.8
2	60.30	59.28	22.7	28	97	82	NNE 4	NE 3	10	8	4.8
3	59.52	58.23	23.5	27.1	98	83	N 2	NE 3	10	10	6.9
4	58.95	57.96	24.4	27.1	97	87	NE 2	E 2	10	8	.3
5	58.78	57.50	23.6	28	99	85	E 2	N 2	10	9	1.5
6	58.18	57.12	20.7	30.5	100	66	N 1	N 2	3	2	.5
7	58.22	58.01	23.1	27.5	98	81	NNE 1	NNE 3	9	8	.....
8	59.17	59.41	22.2	25.5	89	92	NNE 3	N 4	8	8	.....
9	60.49	59.57	22.5	26.5	92	88	NNE 3	NNE 4	9	8	.....
10	59.76	59.88	24	24.4	93	90	N 5	N 4	10	10	21.4
11	60.48	58.31	23	24.5	92	92	N 5	N 6	10	10	1.8
12	59.17	58.82	24	24	97	97	N 4	N 3	10	10	100.4
13	59.76	58.97	23.7	26.6	98	85	N 3	NNE 2	10	10	.8
14	59.45	58.45	23.6	29.6	95	84	NNE 2	NE 3	8	4	.....
15	59.12	58.22	24.7	28.5	96	91	NNE 2	NNE 3	9	7	19.8
16	60.32	59.80	23.1	29.7	99	84	NE 2	NNW 3	10	2	.8
17	61.25	60.60	23.6	26.5	95	88	NNE 4	NNE 5	10	8	1
18	61.64	60.65	22.7	24.5	89	87	N 5	N 4	10	10	.8
19	61.61	61.13	21.6	26.4	91	83	N 5	N 5	10	4	.....
20	62.09	61.20	21.5	27.5	91	84	N 4	N 5	8	6	.3
21	62.03	61.30	22.6	26.8	89	86	NNE 5	NNE 4	10	8	.....
22	62.16	61.20	19.8	27	99	84	NE 2	NE 4	7	5	.8
23	62.33	61.51	21.7	28	92	81	N 2	NE 5	8	2	.....
24	63	62.16	21.7	28.5	89	62	N 4	N 4	8	4	.....
25	62.05	61.76	23.2	23.3	86	93	NNE 4	NNE 3	8	10	9.2
26	61.36	60.76	23.2	27	95	86	N 3	NNE 2	7	10	.5
27	62.13	61.71	22.6	27.5	95	85	NNE 2	NNE 2	8	7	2.3
28	61.78	60.56	23.5	29.6	96	84	NNE 2	NNE 3	10	4	.5
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.54	59.79	22.8	27	94.3	85.1	3.1	3.4	8.9	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	176.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.18	60.26	22.7	27.2	90	87	NNE 3	NNW 3	7	8	1
2	61.88	61.63	22	30	93	82	N 2	NNE 4	10	3	.....
3	63.37	62.66	23.6	29.5	93	83	N 6	NNE 5	10	6	.3
4	63.22	61.31	23	29.3	97	66	N 3	NE 3	10	8	.....
5	61.82	60.89	23.2	26.9	90	75	N 3	NE 3	8	10	6.1
6	61.97	60.37	23.4	28.2	97	83	NNE 3	NNE 3	10	8	1.3
7	61.12	60	23.5	29	94	86	NNE 2	N 3	10	7	1.3
8	59.58	58.22	23.6	26.1	91	91	N 5	N 5	10	9	5.1
9	58.32	57.13	24	28.3	92	88	N 3	NNE 3	8	2	.3
10	58.77	58.02	23.7	28.1	94	89	NNE 1	N 4	10	8	.....
11	59.35	58.81	24.1	26	91	90	N 3	N 3	4	9	.....
12	59.12	58.67	23.9	28.5	92	88	N 3	N 4	7	8	.5
13	58.82	58.38	23.2	29.8	98	87	N 2	N 2	9	8	.....
14	59.52	58.59	23.4	28.5	98	90	N 1	N 3	10	2	1.3
15	59.25	58.97	22.1	30	99	68	Calm	N 3	8	1	14.5
16	60.60	59.80	23	28.3	97	68	N 1	N 4	10	1	1
17	61.42	60.91	23.9	28.3	84	66	NE 4	NE 3	9	2	1
18	62.23	61.56	23.6	29	83	62	ENE 4	ENE 3	8	5	.....
19	61.98	61.22	21.1	28.4	95	68	NE 2	NE 3	3	3	.....
20	60.91	59.91	23.1	29.5	79	55	NE 2	N 2	5	1	.....
21	60.06	58.44	22	29.1	91	61	NE 2	NE 4	5	6	.....
22	59.71	58.98	22	29.7	92	59	Calm	NNE 3	9	1	.....
23	60.13	58.83	23	28.4	87	64	NNE 2	NE 3	8	1	.....
24	59.42	58.07	23.5	28.4	91	70	NE 3	NE 3	8	5	.....
25	59.13	58.61	25.2	29.3	90	68	NE 3	NNE 3	7	3	.....
26	59.32	59.07	23.5	30.5	96	67	ENE 2	NE 2	8	2	.....
27	59.79	59.25	25.5	29.6	84	65	NNE 4	NE 4	7	1	.....
28	60.19	59.01	25.2	30.1	75	64	NE 4	NE 4	4	3	.8
29	59.89	59.20	25	30.1	92	65	N 4	NE 4	9	4	.....
30	59.75	58.72	25	30.1	80	62	N 3	N 3	8	1	3.3
31	60.01	58.66	25.5	29.7	84	68	NNE 4	NNE 2	9	3	9.7
Mean	60.38	59.49	23.5	28.8	90.6	73.7	2.7	3.3	8	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.05	58.73	24	30.1	95	68	NE 4	NE 3	10	7	5.6
2	59.47	58.13	24.1	30.3	91	66	NNE 2	NNE 3	8	1	6.4
3	58.89	57.75	25.1	29.7	83	63	NNE 3	NNE 3	9	3	.....
4	59.35	58.46	24.6	29.9	82	58	NNE 3	NNE 4	3	1	.....
5	59.25	58.42	23.8	30.5	78	60	NNE 3	NNE 3	4	3	.....
6	58.67	57.18	24.7	29	86	74	NNE 3	N 4	9	6	.....
7	58.24	57.05	25.3	30	85	65	NNE 3	NNE 3	6	1	.....
8	58.13	57.53	25.6	31.1	83	58	NNE 3	NNE 3	7	3	.....
9	58.64	57.80	24.1	31	91	54	NNE 1	NNE 3	8	3	.5
10	58.79	57.73	25	31.2	92	57	NNE 1	NNE 3	9	3	6.9
11	58.64	57.42	24	29.5	87	60	NNE 3	N 3	8	5	.....
12	57.29	55.82	25.6	28.3	78	68	N 5	N 5	9	8	.....
13	56.06	55.93	25.6	30.5	80	56	N 5	N 4	8	3	.....
14	57.29	56.58	22.7	31.2	98	64	Calm	N 2	5	5	.....
15	57.85	57.26	24.5	29.3	97	70	Calm	NE 1	10	8	.....
16	59.07	58.15	25.2	30	94	60	NE 3	NE 3	8	6	.....
17	59.61	58.80	25	30.5	85	62	NE 2	NNE 3	8	3	.....
18	60.49	59.93	25.1	30.4	80	60	NE 3	N 3	8	3	.....
19	61.03	60.06	25	30.6	78	54	NNE 2	NE 3	6	3	.....
20	61.07	59.96	24.6	29.1	82	66	NNE 3	NNE 4	5	4	.....
21	60.11	59.46	25	30.7	83	56	NNE 2	NNE 3	6	7	.....
22	59.26	58.30	23.7	32	94	57	NNE 3	NNE 3	8	4	.....
23	59.60	58.98	24.8	31	83	61	NE 2	NE 3	4	2	.....
24	60.17	59.89	26.6	31.2	84	68	NE 2	NE 3	8	7	.....
25	60.48	59.27	26.5	31.3	82	64	NE 3	NE 3	8	3	.....
26	59.21	58.32	26.1	30.5	87	65	NE 2	NE 3	6	7	38.1
27	58.17	57.27	24.8	30.5	96	66	Calm	NE 2	9	5	.....
28	58.05	57.11	26.3	31	82	64	NE 2	NNE 3	7	2	.....
29	59.14	58.68	26.2	30.4	86	65	NE 3	NE 2	9	4	3.8
30	59.40	58.66	26.5	31	85	64	NE 3	NE 3	8	3	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.05	58.15	25	30.4	86.2	62.4	2.5	3	7.4	4.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.3

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 12.15 meters; gravity correction not applied, —1.78 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.		Wind, direction and force (0–12) 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.80	57.86	26.2	31.3	83	64	NNE	3	NNE	2	4	1	.....
2	58.34	57.66	26.5	31	83	65	NE	2	NE	2	9	2	.....
3	58.10	57.57	26.5	31.1	83	65	NE	3	NE	2	9	2	.....
4	59.22	58.20	26.6	32	81	60	NE	2	NE	3	8	2	.....
5	59.55	58.32	26.7	31	84	63	NE	2	NE	3	8	1	.....
6	58.50	57.20	27	32	81	64	NE	3	NE	3	3	1	.....
7	58.24	56.50	27	33	84	56	NNE	3	N	3	8	1	5.6
8	56.57	56.18	26.6	29.6	87	75	NE	3	ESE	3	8	9	3.8
9	56.50	55.63	25.7	31	94	75	ENE	2	ENE	2	9	9	7.1
10	57.62	57.53	24.5	29.1	97	78	Calm		ESE	2	10	8	.7
11	58.75	57.60	26.6	31.5	87	63	NE	3	NE	3	9	7	.....
12	57.99	57.87	27	30.5	85	68	NE	2	NE	3	8	8	.6
13	57.89	57.77	26.7	31.5	83	84	NE	3	NE	3	8	7	17
14	59.43	58.82	25.2	31	95	69	Calm		NE	3	9	7	.....
15	59.97	58.35	26.5	31.5	87	63	NE	3	NE	2	9	1	.....
16	58.96	56.95	26.5	31	86	63	NE	2	NE	3	8	2	.....
17	57.48	56.47	25.6	29.6	89	72	NE	2	NE	3	8	9	13.5
18	57.77	56.78	27	32	88	66	NE	2	NE	3	10	6	26.4
19	58.63	57.14	25.6	31.5	95	63	ENE	2	NE	3	9	4	.....
20	58.60	57.32	27	31.5	84	63	NE	2	NE	3	7	2	.....
21	57.73	57.40	26.6	31	83	63	NE	2	NE	1	6	6	.....
22	58.45	57.65	23.6	32.5	95	60	NE	2	NE	2	4	3	.....
23	58.55	57.07	23.6	32.6	95	64	Calm		N	2	2	1	.....
24	58.19	56.41	25	32.5	92	60	NE	1	NE	2	2	3	.....
25	57.20	56.73	26	32.5	89	60	S	3	S	3	3	3	.....
26	58.05	57.54	26.5	32.5	88	61	SSW	3	SSW	3	5	2	.....
27	58.72	57.31	26.6	32.5	89	63	SSW	3	SSW	3	6	3	.....
28	58.60	57.37	26.5	32.8	88	56	SSW	3	SSW	2	8	5	.....
29	58.53	57.58	25.3	33	94	61	SSW	1	SSW	3	3	3	.....
30	59.80	57.73	25.5	32.7	93	63	SSW	2	NE	3	9	5	1.9
31	59.71	58.05	25	31.7	96	65	Calm		NE	2	6	7	1.5
Mean	58.40	57.37	26	31.6	88.3	65	2.1		2.6		6.9	4.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	78.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.		Wind, direction and force (0–12) 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.91	58.62	25.4	32	95	66	Calm		NE	2	10	8	16
2	59.30	58.56	24	29	96	74	Calm		NE	2	10	10	14.5
3	58.51	56.68	24.5	31	97	66	NE	2	NE	3	10	5	11.7
4	57.77	56.46	25.1	32.5	96	58	Calm		NE	2	8	6	.3
5	57.12	55.99	24.7	27.6	96	84	Calm		SW	3	9	10	74.2
6	56.06	55.41	24.3	29.7	95	70	Calm		SW	3	10	7	23.1
7	57.25	56.62	25	31.1	92	63	Calm		SW	3	10	3	6.4
8	58.94	58.36	23.5	31.5	97	66	Calm		SW	3	6	2	.....
9	59.12	58.86	23.7	27.6	97	91	Calm		Calm		4	10	6.3
10	58.50	57.69	24.3	28.5	97	79	Calm		NNW	3	10	10	23.1
11	57.77	56.92	24.5	30	93	71	Calm		S	4	10	6	2.8
12	58.56	57.67	25.4	31	92	69	S	1	S	4	5	5	.....
13	59.03	58.52	25.2	31.6	90	66	Calm		S	1	6	6	.....
14	59.38	58.17	24.6	32.5	96	66	Calm		N	2	6	4	17.3
15	58.84	57.89	24.5	31.2	97	73	NE	2	NE	2	8	3	2.3
16	59.52	58.57	24.6	32.5	96	68	NE	2	NNE	3	8	8	.....
17	59.63	57.95	24.7	31.9	97	67	Calm		NE	3	8	8	.5
18	59.09	58.03	24.6	28.8	91	77	S	3	NE	2	10	8	2
19	59.18	58.36	24.8	29	95	76	Calm		ENE	1	6	8	25.4
20	59.16	58.04	26.3	32.1	84	69	NE	2	NE	3	8	6	12.2
21	58.68	57.75	24.8	29	96	76	ENE	3	ENE	2	10	10	.8
22	57.89	57.13	24.7	28	97	84	Calm		ENE	3	10	10	7.2
23	57.70	57.02	24	29.4	97	79	Calm		Calm		8	10	.3
24	58.30	56.48	24.6	30.1	97	76	Calm		ENE	2	4	6	.....
25	57.26	56.10	23.8	32.5	97	63	S	2	S	3	8	6	.....
26	54.87	55.11	24.7	29.5	94	75	S	1	N	1	10	10	7.9
27	52.95	51.20	25.2	25.8	94	88	SW	2	SW	3	10	10	50.1
28	50.25	49.14	25.5	26.7	88	80	SW	6	SW	8	10	10	12.8
29	50.09	50.55	26.5	26.3	77	82	SSW	8	SSW	7	10	10	21.6
30	54.52	54.63	24.8	29.1	87	76	SSW	7	SSW	8	10	10	.3
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.50	56.62	24.7	29.9	93.8	73.8	1.4		2.9		8.4	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	339.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.		Wind, direction and force (0–12) 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	57.10	57.27	26.7	31.3	84	67	SSW	1	SSW	2	8	2	.....
2	58.69	57.91	24	30.1	96	74	Calm		Calm		2	9	.....
3	58.09	57.01	23.6	32.5	97	63	Calm		N	2	8	3	0.3
4	56.94	55.62	25.3	30.5	93	72	Calm		SSW	3	10	8	.....
5	55.23	54.42	25.2	29	91	74	Calm		SW	3	10	10	.....
6	54.46	54.34	25	28.2	88	77	SSW	2	SSW	5	6	8	.4
7	56.33	56.64	26	26	82	84	SSW	5	SSW	5	8	10	7.1
8	57.50	56.61	26	25.7	84	82	SSW	4	SSW	4	10	10	1.3
9	56.08	55.05	27	30	77	68	SW	6	SW	5	9	8	2.5
10	54.86	54.80	27	30	81	67	SW	6	SW	6	10	8	.....
11	55.49	55.57	27.5	30.3	77	67	SSW	9	SW	8	9	9	1
12	56.80	56.82	27.2	30.5	81	72	SW	7	SSW	6	8	8	.....
13	58	56.81	27.1	31.5	80	60	SW	8	SW	7	8	3	.....
14	57	56.46	27.1	30.6	73	65	SW	6	SW	7	3	8	.....
15	56.70	56	27.1	30.5	77	66	SW	6	SW	7	7	8	.....
16	57.10	56.96	27	30.5	85	72	SW	8	SW	7	8	8	.....
17	58.02	57.52	27	29.7	81	72	SW	6	SW	7	8	8	.....
18	58.07	57.02	26.9	30.8	83	70	SW	6	SW	7	7	7	.....
19	57.97	57.50	27	31.9	84	67	SW	5	SW	6	7	3	.....
20	57.63	57.30	26.5	31	84	69	SW	4	SW	5	2	6	.8
21	58.13	56.90	25.5	30.7	85	74	SSW	1	SSW	4	10	2	1.3
22	56.67	55.31	27	32	80	62	SW	6	SW	6	2	2	.....
23	55.65	55.38	27.2	33.1	79	60	SW	4	SW	3	4	2	.....
24	55.43	54.90	27.2	31.7	81	66	SW	3	WSW	4	5	8	.....
25	55.58	55.05	27.5	30.7	77	70	SSW	2	SSW	4	9	9	.3
26	56.19	55.48	25.7	30.1	92	71	SW	4	SW	4	9	6	.....
27	56.71	56.43	26.4	26	81	84	SSW	6	SW	2	10	10	.3
28	55.85	55.77	26.6	28.5	81	75	SSW	6	SSW	6	10	10	40.4
29	57.35	56.83	25	30.4	88	67	SSW	5	SSW	5	10	8	.....
30	58.34	58.06	24.6	31.4	92	59	SW	2	SW	2	8	6	.....
31	60.10	59.21	23	32.6	96	60	Calm		NNE	1	10	3	.....
Mean	56.91	56.35	26.2	30.3	84.2	69.5	4.1		4.6		7.6	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	55.7

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12) 6 a. m.		Wind, direction and force (0–12) 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.16	58.67	22.3	31.4	95	64	Calm		NNE	2	5	5	.....
2	59.11	58.35	23	31.7	97	68	Calm		SW	2	2	3	.....
3	59.26	58.55	23.3	32.5	97	58	Calm		SSW	3	2	4	.....
4	59.86	58.55	25.5	31.1	88	65	Calm		SSW	3	2	2	.....
5	59.09	58.24	24	32	94	65	Calm		SW	3	1	2	.....
6	59.29	58.01	23.5	32.6	96	57	Calm		SW	2	3	3	.....
7	58.35	57.81	26.5	32.5	84	58	SW	2	SW	3	6	6	.....
8	58.19	57.84	25.9	30.6	87	68	Calm		Calm		8	8	.....
9	58.43	57.98	24.9	29	93	76	Calm		NE	2	10	10	.....
10	57.26	56.50	25	31.6	92	62	Calm		NNE	2	10	8	.....
11	56.28	56.47	26	28.3	80	68	SSW	2	SSW	4	10	9	3.6
12	56.15	56.01	25	24.1	92	94	SSW	5	SSW	3	10	10	34.8
13	56.86	57.42	24.4	25	88	88	S	1	SSW	4	10	10	3.2
14	56.69	57.58	25.4	30	88	63	SSW	1	SSW	3	9	6	.....
15	58.70	58.23	24.1	31	96	69	Calm		SSW	2	10	7	2
16	59.34	58.44	23.5	30	97	74	Calm		N	2	10	9	14
17	59.29	57.74	24.5	28.2	96	87	Calm		NW	1	10	10	8.4
18	57.71	56.37	24.2	31	98	69	Calm		SW	2	9	8	.....
19	57.26	56.35	25.5	31.3	88	64	SSW	3	SW	3	9	5	11.4
20	57.71	57.25	25.5	29.6	84	72	SSW	2	SSW	3	9	9	.....
21	57.85	57.74	25.5	26.7	83	85	SW	1	SW	2	4	10	.4
22	58.49	57.38	24	31.5	96	66	Calm		NNE	2	10	9	.....
23	57.54	56.87	25.6	30	83	69	SW	3	SW	4	8	8	1.5
24	56.06	55.63	26	27.1	81	83	SW	4	SW	3	8	10	2.8
25	55.71	55.71	26	30	80	72	SSW	4	SW	2	8	9	13.2
26	57.24	57.07	26	30	80	72	SW	4	SW	2	8	9	.4
27	57.51	56.68	23.2	31	96	64	Calm		SSW	3	4	7	.1
28	56.86	56.40	25.2	26.7	87	90	Calm		SW	3	9	10	18.8
29	57.84	57.73	25	29	89	74	Calm		SSW	3	8	7	8.9
30	58.67	57.63	25.6	29.5	88	72	SSW	4	SW	3	8	7	.....
31	58.29	57.47	25.9	29	85	74	SSW	3	SSW	3	7	7	.....
Mean	58.03	57.39	24.8	29.8	89.6	71.3	1.3		2.5		7.3	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	123.5

ROMBLON.

[ϕ=12° 35′ N; λ=122° 16′ E; barometer above sea, 12.15 meters; gravity correction not applied, —1.78 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.20	57.65	25.9	29.5	78	72	SSW 3	SSW 3	6	7	2
2	58.68	57.79	26.4	30.5	82	66	SSW 3	SSW 3	9	6	.....
3	57.55	55.76	24.5	31	92	60	SSW 1	SSW 3	5	8	.....
4	55.89	55.58	27.3	25	78	88	SSW 3	SW 3	10	10	37.6
5	54.25	53.01	26	27.6	88	81	SSW 4	SSW 5	10	10	32.6
6	55.28	54.88	25.2	27.7	95	78	SW 3	SW 4	10	10	33.6
7	55.93	56.03	26.7	25.9	83	88	SSW 3	SSW 3	8	10	46
8	56	55.18	26	30	76	71	SSW 4	SW 3	8	8	.....
9	56.48	55.57	26.8	31	80	69	SW 3	SW 3	5	5	.....
10	57.20	56.57	27	30	81	71	SSW 4	SSW 4	7	8	.....
11	58.09	57.44	27	29.1	80	78	SW 4	SW 5	8	8	3.6
12	58.94	58.27	26.7	31.5	86	67	SW 3	SW 3	8	5	.....
13	59.71	58.71	26	32	86	63	SW 2	SW 3	3	3	.....
14	59.86	58.93	26.1	29.9	91	72	SSW 3	SSW 2	10	9	.....
15	59.71	58.54	23.6	31	95	69	Calm	SW 2	2	3	.....
16	59.61	58.36	25.6	30.1	87	71	SW 1	SW 3	2	6	.....
17	60.23	58.22	24	31.5	95	63	Calm	SW 3	2	2	.....
18	60.11	58.60	25.7	31.5	88	63	Calm	SSW 2	1	1	.....
19	60.63	59.36	24.6	32.2	96	63	SSW 1	SW 2	2	2	.....
20	59.73	57.58	26	31.5	89	65	WNW 2	WNW 3	10	4	4.6
21	57.69	56.40	24.1	31	96	63	Calm	SW 2	7	8	4.6
22	57.76	56.81	24.5	29.6	96	71	Calm	SSW 3	2	3	.....
23	57.79	57.07	25.3	30.5	91	62	Calm	SSW 3	2	3	.....
24	58.68	58.24	24.7	30.5	94	66	Calm	SSW 3	3	7	.....
25	60.06	58.86	24	31	96	69	Calm	SSW 1	5	7	3.3
26	60.48	59.22	24.1	30.4	97	72	Calm	SE 2	7	7	8.4
27	60.29	58.57	25.3	31.5	88	66	Calm	NNE 2	7	2	6.9
28	59.09	57.52	24.4	31.5	97	66	Calm	NNE 3	8	6	1
29	57.30	55.03	25.6	31.1	95	67	NNE 2	NNE 2	9	2	.....
30	55.78	54.64	25.5	30.5	92	70	S 1	S 3	8	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.23	57.15	25.5	30.2	88.9	69.7	1.7	2.9	6.1	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	184.2

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.64	54.98	27.5	29.2	77	71	SW 4	SW 4	9	9	.....
2	55.33	54.36	27.5	29	77	71	SW 4	SW 5	9	9	.....
3	55.01	54.48	26.4	28	82	79	SSW 5	SSW 5	10	10	4.6
4	56.75	57.22	26.7	27.5	83	78	SSW 4	SSW 4	9	10	9.7
5	59.70	58.98	25.7	30.5	90	68	SSW 2	SSW 3	10	5	.....
6	60.07	59.05	25.3	31	92	69	SSW 1	SSW 3	2	2	.....
7	58.56	57.93	24.3	32.5	89	66	Calm	SSW 1	2	2	.....
8	58.72	58.12	24.5	31.6	97	74	Calm	NNE 2	5	6	11.2
9	59.22	58.70	24.7	30.6	98	72	Calm	NNW 1	4	7	.....
10	58.77	58.77	24.5	24.7	96	94	Calm	Calm	8	9	69.6
11	58.92	57.97	23.5	29.7	96	70	N 1	NNW 3	3	7	3.3
12	58.70	58.06	24.1	30.6	97	65	N 1	N 3	8	6	4.3
13	58.97	58.03	23.1	27	98	82	N 1	N 1	9	9	.5
14	57.84	56.28	23.9	29.5	95	75	Calm	N 2	9	7	10.9
15	55.17	53.81	24.5	28	92	81	SSW 3	SSW 1	10	10	10.7
16	53.21	53.58	24	27.6	86	77	SW 5	SSW 4	10	10	22.9
17	56.70	55.48	25.5	28.8	88	72	S 4	S 3	10	10	.5
18	57.07	55.77	27	29	81	75	SSW 3	SW 3	10	7	2
19	57.50	56.58	25.9	28.5	89	75	S 1	SSW 2	10	8	.....
20	57.52	57.11	25	30.6	93	75	SSW 2	N 2	5	6	.....
21	57.60	56.31	25.5	28.5	85	80	Calm	N 1	4	10	.....
22	55.61	55.05	26.9	29.5	81	72	SW 3	SW 4	10	8	.....
23	58.15	57.93	26.5	30	84	72	SW 4	SW 3	8	6	.....
24	59.69	58.20	24.1	32	98	63	SW 1	SSW 1	3	4	.....
25	59.41	57.98	23.7	31.6	98	66	SSW 1	SSW 1	3	4	.....
26	60.29	59.62	24.1	31	97	70	Calm	NNE 2	6	2	.....
27	61.67	60.55	26.5	30.5	94	68	NE 3	NE 4	8	3	11.2
28	61.54	60.01	26.2	30.1	93	71	NE 2	NE 3	10	5	3.3
29	60.56	58.66	25.6	30	87	75	NNE 1	NNE 2	9	8	6.1
30	59.38	58.17	25.6	30.7	92	74	NE 1	ENE 3	8	7	2.3
31	59.70	59.16	25.9	28.7	94	78	NNE 3	NNE 3	9	8	.....
Mean	58.16	57.32	25.3	29.6	90	73.5	1.9	2.5	7.4	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.14	58.88	26.5	30.2	82	68	NE 3	NE 2	5	3	1.5
2	59.75	58.08	26	30.5	87	69	NE 2	NE 3	9	2	.....
3	59.83	58.86	26	30.5	76	66	NE 2	NE 3	2	2	.....
4	59.23	58.86	25.6	30.1	81	66	NE 1	NE 3	3	2	.....
5	59.56	58.85	25.7	30.9	82	66	NE 1	NE 3	10	4	.....
6	59.90	58.86	26.2	31	85	65	NE 3	NE 3	7	2	4.3
7	60.13	59.49	26.5	29.3	86	72	NE 3	NE 2	8	2	2.3
8	60.28	59.70	26.2	30.7	86	65	NE 3	NE 3	9	8	.....
9	60.92	59.92	25.2	27	88	80	NNE 1	NNE 2	8	10	10.6
10	60.94	59.93	24.5	29.9	87	72	NE 2	NE 3	9	8	3.3
11	60.91	59.62	26	29.1	82	71	NE 4	NE 3	8	8	11.7
12	61.18	59.15	24	28.7	91	76	NE 2	NE 2	10	8	62.7
13	60.82	60.07	24.7	27	94	84	NNE 1	NNE 2	7	9	2.6
14	60.90	59.87	25.6	30.6	84	67	NE 2	NE 3	10	2	.3
15	61.04	60.04	26	25.6	84	90	NE 2	NE 4	3	9	7.7
16	60.45	59.36	25.3	29.7	86	67	NNE 3	NE 3	4	2	.5
17	60.03	59.20	24.8	26.5	91	84	NE 2	NE 3	3	9	17
18	60.54	59.52	25	29.3	83	69	NE 2	NE 3	9	2	4.1
19	60.40	59.47	21.5	29.7	96	68	NE 2	NE 2	8	2	3.3
20	61.03	59.91	22.1	29.5	98	65	ENE 2	NE 3	8	2	2
21	60.62	59.54	24	29.9	91	69	NE 1	NE 2	10	2	15.5
22	60.17	58.91	24.5	30	96	71	NE 2	NE 2	9	8	1.3
23	60.15	58.94	25	29.5	93	77	NNE 1	NE 2	8	3	.3
24	60.41	59.36	26.2	29.7	84	76	NE 1	NE 3	9	7	20.8
25	60.38	59.33	24.8	28.4	89	78	NE 2	NE 3	7	8	.....
26	60.09	59.06	24.8	30.4	89	70	Calm	NNE 2	3	6	.3
27	60.38	59.15	24.1	30.5	96	69	NNE 1	NNE 3	6	3	.....
28	60.16	59.06	25.5	30	88	71	NE 3	NE 3	10	9	7.4
29	60.38	59.46	25.5	30.5	88	71	NE 2	NE 3	4	6	2.5
30	60.32	59.70	25.1	27	92	80	NE 3	NE 3	10	10	13
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.37	59.34	25.1	29.4	87.8	72.1	2	2.7	7.2	5.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	194.7

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.64	59.53	24.7	29	92	71	NNE 3	NNE 3	8	9	0.5
2	60.30	59.58	25	28.7	88	76	NE 2	NE 3	8	8	.....
3	60.31	59.16	25.5	30.5	88	66	NE 2	NE 3	10	2	.....
4	60.87	59.45	25.3	27.5	82	73	NNE 3	NNE 3	9	9	12.7
5	60.27	60.13	25	26.3	94	90	NE 3	NE 3	10	10	14.2
6	61.68	61.01	25	30	79	63	NNE 4	NNE 3	3	2	.3
7	61.98	60.78	24.9	28.7	79	66	NNE 2	NNE 3	9	8	.....
8	61.63	60.98	25	29	83	64	NE 4	NE 2	8	1	.....
9	61.20	59.70	22.5	29.8	89	57	NE 3	NE 2	2	2	.....
10	61.02	59.95	25	29.5	80	65	NE 3	NE 3	7	2	.....
11	60.20	58.97	24.1	28	91	82	NNE 2	NNE 3	6	8	2
12	59.44	58.77	25	29.5	88	72	NNE 2	NNE 3	8	8	4.6
13	59.46	58.64	25.3	27.5	89	81	NNE 3	NE 3	8	9	.8
14	59.99	58.88	25.6	28	87	82	NE 2	NE 3	8	8	2.3
15	60.24	60.01	25.5	29.1	84	74	NE 3	NE 3	9	8	.....
16	60.48	60.25	24.6	29.6	87	70	NE 3	NE 3	8	4	.....
17	61.28	60.23	24.6	27.5	95	78	Calm	NE 3	8	9	.8
18	61.50	60.36	25.5	28.6	84	70	NE 3	NE 3	9	8	.....
19	61.54	61.22	24	27.8	83	74	NE 2	NNE 3	2	8	2.8
20	61.99	60.28	23.4	27.5	92	77	Calm	NNE 2	8	8	.5
21	60.88	59.56	25	29.1	84	69	NNE 2	ENE 3	9	8	.....
22	60.06	59.41	23.5	28.2	92	74	N 3	NNE 3	9	8	1
23	59.51	58.98	24	28	78	74	N 4	N 3	7	8	.....
24	59.25	58.36	25.4	26.5	75	68	NNE 4	NNE 4	7	9	.....
25	57.20	51.47	25	23.8	80	88	NW 5	NNW 5	10	10	236.3
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	26.7	.....	80	.....	NNE 2	.....	8	2.6
30	24	29	94	67	NE 2	NE 2	8	3	.....	.....	.....
31	24.1	29	91	71	NE 2	NE 3	8	6	.....	.....	.....
Mean	60.52	59.43	24.7	28.3	86.2	72.9	2.6	2.9	7.6	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	281.4

NOTE: The instruments were dismounted owing to the great danger of being completely demolished by the fury of the typhoon of December 25–26.

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 78.5 meters; gravity correction not applied, —1.77 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.71	58.12	23.9	23	96	95	E 3	E 2	10	10	59.2
2	59.66	58.98	23.3	23.5	99	99	W 2	ENE 2	9	6	21.6
3	59.58	58.56	23.5	23.5	94	99	ENE 3	ENE 4	10	10	88.9
4	59.51	59.37	23.9	23.8	92	95	ENE 3	ENE 3	10	10	67.3
5	60.14	58.95	23.7	24.8	84	80	ENE 4	NE 3	10	8	1.5
6	60.04	59.27	23.3	23.8	89	88	NE 3	NE 3	10	10	52
7	58.98	58.81	24	22.8	86	88	ENE 4	NE 4	9	10	17.8
8	61.27	59.96	21.8	22	87	82	NE 4	NE 4	10	8	5.1
9	61.80	60.16	20.6	21.1	89	92	NE 3	ENE 4	8	10	6.3
10	60.65	59.86	23.6	22.2	73	89	ENE 4	ENE 3	10	10	12.7
11	60.79	60.16	23.6	24.0	95	87	ENE 3	ENE 3	10	9	.....
12	59.83	59.45	24.6	23.9	95	89	ENE 3	ENE 3	9	10	48.8
13	59.47	58.48	22	24	82	95	ENE 3	ENE 2	10	10	50.1
14	59.46	58.40	23.3	24	97	95	ENE 3	ENE 3	10	8	18.3
15	60.20	60.10	23	22	91	82	ENE 4	NE 4	10	10	36
16	60.75	59.26	22.8	24.5	97	89	NE 3	NE 3	10	8	6.9
17	59.53	58.41	23.7	23	87	91	NE 3	ENE 4	8	10	14.5
18	58.87	58.05	24	23.8	88	90	ENE 3	ENE 4	7	10	45.7
19	58.20	57.74	24	24.5	96	97	ENE 3	ENE 3	6	9	27
20	59.05	58.10	23	27.9	98	79	ENE 1	E 2	5	4	20.8
21	59.31	59.03	23	23.8	90	93	NE 4	NE 4	10	9	17.8
22	59.37	58.82	22.5	23.9	90	80	NE 4	NE 4	10	10	1.5
23	58.97	57.96	22.6	24.5	90	86	NE 4	NE 4	9	8	14.7
24	58	56.77	24	23.4	88	93	NE 4	NE 4	9	10	51.8
25	57.99	56.90	23	22.8	86	84	NE 4	NE 4	10	10	52.1
26	58.02	57.75	23.5	22.6	87	89	NE 4	NE 4	9	10	30.2
27	58.09	56.76	23	23.7	96	89	NE 3	NE 4	10	10	31.5
28	57.84	56.87	22.8	24.2	97	88	NE 4	NE 3	10	8	5.3
29	58.66	56.99	21.9	24.5	96	84	NE 3	NE 3	10	7	2.5
30	58	56.76	21.8	23.6	96	90	NE 3	NE 3	10	10	8.9
31	58	58.14	22.8	22.9	97	92	ENE 4	ENE 4	10	10	19.1
Mean	59.31	58.48	23.1	23.6	91.2	89.3	3.3	3.4	9.3	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	835.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12.) 6 a. m.	Wind, direction and force (0-12.) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.28	59.25	23.4	22.8	90	98	NE 3	NE 4	9	10	50.8
2	60.03	58.95	23.8	24.9	90	89	NE 4	NE 3	10	9	53.3
3	59.59	58.69	23.3	25	99	90	E 2	E 3	10	8	13.2
4	59.21	57.50	23.5	28	96	82	E 1	E 1	9	3	.....
5	58.84	57.25	22.8	28.4	97	79	E 1	E 2	3	3	.....
6	58.13	57.34	22.8	28.3	97	78	E 1	E 3	3	3	14
7	58.17	57.67	22.6	27	98	83	E 2	E 3	10	7	6.4
8	59.29	58.76	22.8	26	78	70	E 3	E 3	8	4	.....
9	59.84	59.19	23.4	25.5	84	84	E 2	E 3	9	9	6.1
10	59.32	58.95	24	23.2	95	97	ENE 4	NE 4	10	10	64.7
11	58.95	58.22	24.2	24.5	93	94	NE 4	NE 3	10	10	15.2
12	58.64	58.14	24.9	25.5	94	86	ENE 3	ENE 3	8	8	36.1
13	60.04	58.77	23.6	24	98	93	ENE 3	ENE 3	8	9	19
14	59.28	57.97	22.7	24.6	97	93	ENE 2	ENE 2	9	8	24.4
15	59.48	57.66	22.9	26.2	92	87	ENE 2	ENE 1	10	9	1.8
16	60.17	59.51	23.8	27.6	98	81	E 1	E 3	8	7	20.3
17	60.49	59.90	23	22.7	90	99	E 3	ENE 4	10	10	73.7
18	60.73	59.63	22.2	23.4	93	79	NE 3	NE 4	10	10	11.4
19	61.06	60.39	21.8	23.4	96	91	NE 4	NE 4	10	10	19.1
20	61.48	60.70	21.5	24	87	72	NE 3	NE 3	10	8	2.8
21	61.85	60.86	21.5	26.4	88	69	NE 2	NE 2	9	7	.....
22	61.43	61.09	22.8	25	79	71	NE 3	NE 3	8	7	.....
23	62.04	61.14	22.4	25.6	78	67	NE 3	NE 3	6	5	.....
24	62.21	61.25	22.8	23.8	74	92	ENE 2	ENE 2	5	8	14.2
25	61.12	60.18	23.4	26.8	99	87	ENE 3	ENE 4	9	8	11.7
26	61.05	60.25	23.8	27	88	75	ENE 3	ENE 3	5	7	.....
27	61.74	61.01	23.4	28	90	70	ENE 2	ENE 3	3	3	.....
28	61.42	60.27	23	27.6	89	76	ENE 2	ENE 3	4	5	9.1
Mean	60.21	59.30	23.1	25.5	91	83.3	2.5	2.9	8	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	467.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.40	60.07	22.7	23.9	99	91	ENE 2	ENE 3	10	9	2.5
2	60.84	60.60	23.4	24.7	91	92	ENE 3	ENE 4	8	8	5.8
3	62.98	61.84	24	24.3	79	86	ENE 4	ENE 4	9	9	.....
4	62.13	60.68	24.2	24.8	88	83	ENE 3	ENE 3	4	9	14.5
5	60.95	59.64	23.5	26.5	99	86	ENE 3	ENE 3	10	9	18
6	60.95	60.10	23.5	24.2	99	98	ENE 3	ENE 4	9	10	34.8
7	60.17	59.68	24	23.8	91	98	ENE 4	ENE 2	8	10	51.8
8	58.57	57.15	23.8	23	93	99	ENE 4	ENE 4	9	10	66.5
9	56.96	56.70	23.5	22.8	95	97	SE 3	W 3	10	10	13.2
10	57.18	56.65	22.8	28.6	97	73	S 2	S 2	9	6	2.8
11	57.91	56.55	22.5	29	96	68	SW 3	SW 2	7	4	13.2
12	57.96	57.27	23.5	27.7	96	82	SW 2	E 2	5	5	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.7
14	59.26	58.17	23.2	27.5	98	82	E 1	E 2	4	4	.....
15	58.84	58.49	22	28	99	72	W 1	E 2	3	3	3.8
16	60.51	59.75	21.8	26	98	78	NE 2	NE 1	9	6	39.4
17	61.31	60.79	22	23	98	91	E 3	E 3	10	10	36.1
18	62.39	61.64	22.5	27	90	68	E 2	E 3	9	3	.....
19	61.78	61.02	21.8	26.4	87	68	E 2	E 2	4	4	.....
20	60.80	59.58	22	26.9	83	67	E 3	E 2	5	3	.....
21	59.65	59	22.3	27.8	88	65	E 2	E 3	8	6	.....
22	59.46	58.47	24	27	81	78	E 2	E 3	8	8	.....
23	59.99	58.75	23.2	26.8	84	74	NE 2	NE 2	9	8	.....
24	58.78	57.79	23.5	28.8	90	76	NE 2	ENE 3	7	4	.....
25	58.99	58.59	24.4	28.6	95	78	E 2	E 3	5	3	.....
26	59.32	59.33	24.8	29.4	93	79	E 2	E 3	3	3	.....
27	59.96	59.67	25	27.9	87	81	ENE 3	ENE 3	3	4	.....
28	59.83	59.03	24.5	26.8	94	83	ENE 3	ENE 3	5	5	2.5
29	59.74	59.06	24.5	27.5	87	79	ENE 3	ENE 2	5	5	.....
30	59.25	58.50	24.2	25.8	93	89	ENE 2	ENE 3	4	5	2.3
31	59.90	58.78	23.5	28.5	97	80	ENE 2	ENE 3	5	4	.....
Mean	59.89	59.11	23.4	26.4	92.2	81.4	2.5	2.7	6.8	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	317.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.52	58.46	24.5	28.5	91	74	ENE 3	ENE 3	4	4	3
2	58.77	57.74	23.4	24.7	97	97	ENE 3	ENE 3	8	9	18.3
3	58.59	57.48	23	27	98	81	ENE 3	ENE 3	9	4	6.6
4	58.77	58.07	23.8	27.5	88	76	ENE 3	ENE 3	8	5	.....
5	58.49	57.93	24.2	28.3	89	81	ENE 3	ENE 3	3	3	4.6
6	57.82	56.78	24.6	28.8	93	76	ENE 3	ENE 3	7	5	.....
7	57.99	56.73	24.4	29	95	78	ENE 2	ENE 3	4	4	.....
8	57.95	57.56	24.5	29.4	94	75	ENE 2	ENE 2	4	3	.....
9	57.91	57.19	24.8	29.8	92	74	ENE 2	ENE 3	4	4	.....
10	58.38	57.39	24	29.8	88	75	ENE 2	ENE 2	4	5	13.2
11	57.53	56.46	24.4	27.5	99	84	ENE 2	ENE 3	9	8	.....
12	54.93	53.56	25.8	24.3	84	97	NE 4	NW 4	9	10	71.1
13	53.18	54.40	24.5	25.4	99	93	W 3	W 3	10	9	30
14	56.90	56.13	23.8	28.4	91	72	W 2	W 2	8	8	.....
15	57.93	56.97	24.5	29.3	91	74	W 2	NE 2	9	5	.....
16	58.58	57.22	24	29.5	93	75	ENE 2	ENE 3	8	4	1.5
17	59.58	57.68	23.5	28.9	92	77	ENE 2	ENE 3	9	5	.....
18	60.42	59.71	23	28.4	83	73	ENE 2	ENE 2	3	7	1
19	60.64	59.66	24.3	28.5	84	71	ENE 3	ENE 3	3	3	.....
20	60.54	59.50	24	28.4	83	75	ENE 3	ENE 3	3	4	2.8
21	59.73	59	24.4	26.4	97	87	ENE 2	ENE 2	4	9	.....
22	59.27	59.31	24.6	23.5	98	90	ENE 1	E 4	6	10	16.5
23	59.04	58.57	24.4	28.8	95	73	E 1	E 2	5	4	.....
24	60.18	59.65	24.3	29.5	96	77	E 1	E 2	5	4	5.8
25	60.27	59.35	25	29.5	95	77	E 1	E 2	4	5	.....
26	58.88	58.20	24.8	29.3	92	80	E 2	E 2	5	4	.....
27	58.23	57.54	24.5	28.9	92	78	E 1	E 3	5	4	.....
28	58.09	57.33	24.2	29.3	93	74	E 2	E 2	4	3	5.8
29	59.14	59	24	29.5	93	76	E 1	E 2	4	5	2.5
30	59.47	58.61	25.3	29.3	89	74	E 1	E 3	6	3	2.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.56	57.77	24.3	28.2	92.1	78.8	2.1	2.7	5.8	5.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	185.2

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 78.5 meters; gravity correction not applied, —1.77 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.44	56.72	25.3	27.5	91	84	E 2	E 2	4	5	.....
2	57.91	57.32	25.4	29	88	72	E 3	E 3	4	3	.....
3	58.04	57.41	25.9	29.8	88	74	E 2	E 3	5	4	5.3
4	59.05	58.11	25.3	29	93	78	E 2	E 3	5	5	.....
5	59.22	58.35	25.3	29.8	93	75	E 1	E 3	4	3	.8
6	58.48	57.46	24.9	29	86	72	E 2	E 3	4	5	6.4
7	58.11	56.38	24.5	29.8	89	75	E 1	E 3	4	3	62.2
8	57.28	56.06	24.3	27.6	94	84	E 2	E 2	9	6	8.9
9	56.82	56.12	25.1	29	98	76	E 1	E 2	8	5	.....
10	58.10	57.15	24.8	29.8	95	75	E 1	E 2	4	4	.....
11	58.66	57.40	26	29.3	84	79	E 2	E 3	4	5	.....
12	57.88	57.50	26.3	26.5	85	85	E 3	E 3	5	6	1.3
13	58.03	58.32	26	26	89	92	E 1	E 1	3	8	2.5
14	59.33	58.85	24.8	29.5	94	75	E 1	E 1	4	5	4.1
15	59.51	58.21	25.5	30.4	91	74	E 1	E 2	4	3	2.3
16	58.43	57.41	25.1	29.4	91	76	E 1	E 2	5	4	1.8
17	57.22	56.24	24.5	28.6	96	78	E 1	E 2	4	4	.8
18	57.60	56.88	25.2	30.1	97	72	E 2	E 2	5	3	.....
19	58.58	57.31	24.8	29.3	93	77	W 1	E 2	4	5	10.2
20	58.93	57.55	25	29.9	97	71	E 1	E 2	4	3	.....
21	57.60	56.91	25	30.5	82	62	E 1	E 2	3	3	.....
22	57.99	57.54	23.3	30.4	94	61	W 1	E 2	4	3	.....
23	58.06	56.95	23.4	30.8	95	60	W 1	E 2	4	3	.....
24	58.31	57.13	25	30.5	92	62	W 1	W 2	4	3	.....
25	57.19	56.47	23.8	32.3	96	64	W 1	E 2	3	4	.....
26	58.17	57.28	25	31.2	97	71	W 1	E 2	3	3	.....
27	58.75	57.30	25.9	31.5	94	69	W 1	E 2	3	4	.....
28	58.87	57.52	24.8	31.5	89	68	W 1	E 2	3	3	.....
29	58.45	57.83	25.2	30.4	85	70	E 1	E 3	3	3	.....
30	59.50	58.33	23.8	30.1	93	64	W 1	ESE 2	4	4	.....
31	59.80	58.45	24.8	29.5	97	76	W 1	ESE 2	3	4	3.8
Mean	58.33	57.37	25	29.6	91.8	73.3	1.4	2.2	4.2	4.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110.4

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.90	59 07	25.5	29.6	96	74	W 1	E 2	4	5	1.3
2	58.71	57.71	24.8	28.9	93	71	W 1	E 3	4	8	20.3
3	58.42	56.66	23.5	28.8	97	79	E 1	E 3	8	4	10.2
4	57.69	56.87	24.2	27	97	83	E 1	E 3	9	8	10.7
5	57.41	56.39	23.5	23.6	99	93	W 1	S 3	9	10	18.3
6	56.69	56.16	22.9	28.5	94	83	W 1	E 2	8	9	5.8
7	57.64	57.22	24.4	28.5	90	75	W 1	E 3	3	4	.....
8	58.94	58.69	23.8	29.1	98	74	W 1	E 2	4	4	.....
9	59.39	58.85	24	25.5	97	92	W 1	E 2	9	9	48.5
10	58.86	57.91	22.5	23.1	99	94	W 2	N 2	10	10	5.8
11	57.28	56.87	23.3	27	96	86	W 1	W 1	8	8	.....
12	58.59	56.55	24.5	30	87	75	W 1	E 2	3	4	1.5
13	59.26	58.55	24.9	30	91	77	W 1	E 3	3	3	.....
14	59.58	58.15	23.8	30.3	98	74	W 1	E 2	3	4	2.5
15	59.09	57.99	25.4	30.7	92	76	W 1	E 2	4	4	.....
16	59.49	58.61	25.4	28.2	95	83	W 1	E 2	3	4	.....
17	59.43	58.05	24.5	30.4	98	73	W 1	E 2	3	3	12.7
18	58.98	58.03	24	30	99	75	S 1	E 2	10	4	1.5
19	59.39	58.55	25.3	28.2	93	82	W 1	E 3	8	9	.....
20	59.23	58.21	26.2	30	85	74	E 2	E 3	4	4	5.3
21	58.34	57.50	24.4	29	91	81	W 1	E 3	9	8	10.7
22	58.94	56.74	24	30	98	71	W 1	E 2	5	4	.....
23	57.76	56.83	24.6	29.8	93	74	E 1	E 3	4	4	.....
24	58.02	56.50	24.5	30.6	94	71	W 1	E 2	4	4	.....
25	56.62	56.03	23.8	28.5	97	80	W 1	E 2	4	6	15.2
26	55.51	52.08	22.9	23.5	99	99	NW 4	W 4	10	10	148.5
27	48.85	46.88	24.4	23.4	99	97	SW 5	SW 6	10	10	64.7
28	48.21	47.60	23.4	24.5	97	90	SSW 5	SSW 4	10	10	5.1
29	50.82	51.05	24.2	29	90	67	SSW 3	S 3	10	9	.....
30	54.80	54.79	24.3	29.8	82	66	S 1	S 3	8	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.39	56.37	24.2	28.2	94.5	79.6	1.5	2.6	6.4	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	388.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.63	57.07	24.5	29.6	86	71	W 1	S 2	8	7	.....
2	58.49	57.34	24.3	29.9	92	75	W 1	E 2	4	4	.....
3	57.31	56.41	24.6	28.8	95	79	W 1	NE 2	5	9	3
4	55.95	54.30	24.4	27	93	84	W 2	W 3	9	9	8.9
5	53.93	54.11	24.4	24.4	91	88	W 3	W 4	8	9	.....
6	54.17	54.27	23.3	28.3	96	77	W 1	SW 2	4	4	1.5
7	56.66	56.02	23.8	29.4	93	72	W 1	SW 2	8	7	.....
8	56.53	55.50	24.7	27.8	86	71	SW 4	SW 4	9	9	.....
9	54.90	53.85	26	28.8	82	72	SW 4	SW 4	9	9	.....
10	53.94	53.73	24.7	28.8	90	79	SW 2	SW 3	9	8	.....
11	55.26	55.19	25.4	30	77	61	SW 3	SW 4	5	6	.....
12	57.12	56.50	24.2	32.5	90	54	SW 2	SW 3	3	3	.....
13	57.46	56.44	25	32.8	88	56	SW 3	SW 3	3	4	.....
14	56.84	55.76	24.5	31.4	87	56	SW 2	SW 3	4	4	.....
15	56.26	55.97	25.2	29.4	86	67	SW 3	SW 3	5	7	.....
16	56.83	56.29	24	31.5	93	56	SW 2	SW 3	4	4	.....
17	58.06	56.60	24.7	30.8	89	60	SW 3	SW 3	5	6	.....
18	57.92	56.47	24.5	30.9	96	60	SW 2	SW 3	5	5	.....
19	57.62	56.70	24.3	31.5	96	58	SW 2	SW 3	6	3	.....
20	57.26	56.30	24.5	32.4	96	52	SW 3	SW 3	3	3	.....
21	57.70	55.79	24.3	31.9	97	56	SW 1	SW 3	3	3	.....
22	56.71	54.56	24.4	31.8	95	55	SW 2	SW 3	3	3	.....
23	55.10	54.20	25.8	32	85	59	SW 3	SW 3	7	3	.....
24	54.76	54.17	25.2	31.5	87	63	SW 3	SW 4	4	5	.....
25	55.58	54.58	24.9	30	94	65	SW 1	SW 4	9	8	.....
26	56.10	54.82	25.5	29.4	88	67	SW 2	SW 3	9	9	.....
27	56.60	55.13	25	28.3	88	74	SW 2	SW 3	9	8	.....
28	56.53	55.63	24.5	33.8	94	48	SW 1	SW 2	9	5	.....
29	58.27	57.24	23.8	30	95	73	SW 1	S 2	8	8	.....
30	58.56	58.26	24.5	31.8	87	66	SW 2	S 2	7	4	.....
31	59.72	59.35	24	31.5	97	63	S 1	E 2	3	3	.....
Mean	56.64	55.76	24.6	30.3	90.6	65.7	2.1	2.9	6	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.4

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.62	58.89	23.8	30.4	97	68	Calm	SW 2	4	5	9.4
2	58.63	57.10	23.8	30.1	98	68	W 1	SW 2	4	6	.....
3	59.01	57.95	25.1	30.5	81	66	W 2	W 3	4	5	.....
4	59.62	57.90	24.3	31.9	96	56	SW 1	SW 2	3	3	.....
5	58.60	57.55	24	31.5	98	60	SW 1	SW 3	3	3	.....
6	58.35	56.56	25.2	31.3	92	61	SW 1	SW 3	4	3	.....
7	57.72	56.89	25	30.9	92	65	SW 1	SW 3	4	5	.....
8	57.74	57.66	25.6	26.7	90	90	SW 2	SW 2	5	9	.....
9	58.23	56.95	24.3	28.1	92	64	SW 1	SW 3	9	7	63.5
10	57.08	56.38	22.3	25.4	97	88	SW 2	SW 4	10	10	23.6
11	56.15	55.69	23	25.3	97	89	SW 3	SW 1	10	9	17.8
12	56.83	56.50	23.3	24.9	94	91	SW 2	SW 1	9	9	2.8
13	57.40	56.93	24.2	29.7	98	76	SW 1	SW 3	9	8	.....
14	58.57	57.63	24.9	29.5	98	79	SW 1	SW 3	8	7	22.1
15	58.89	57.63	22.8	29.7	95	76	SW 1	SW 2	6	3	34
16	58.52	57.81	24.7	25.2	89	93	SW 1	SW 2	8	9	25.9
17	58.71	57.32	23.9	27.2	99	83	SW 1	SW 2	9	8	.....
18	56.76	55.38	24	28.4	96	77	SW 3	SW 3	5	4	3.6
19	56.44	55.70	24.4	30.2	93	69	SW 3	SW 3	4	4	.....
20	57.41	57.38	24.3	26.6	92	84	SW 3	SW 2	9	9	3.8
21	57.44	56.86	24.5	26	94	92	W 2	W 3	10	8	2
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.1
24	56.20	54.75	24.5	29.9	91	64	SW 2	SW 3	8	4	.....
25	56.65	55.81	24	32	93	64	SW 1	SW 1	4	3	.....
26	57.60	56.79	24.2	30.8	93	71	SW 1	SW 3	9	4	.....
27	57.20	56.16	23.4	29.8	99	69	SW 1	SW 3	3	4	20.8
28	56.94	55.76	24	29	98	75	SW 1	SW 3	3	4	.....
29	57.41	57.21	24.8	29	92	74	SW 2	SW 3	8	6	.....
30	58.45	57.79	24	29.4	98	74	SW 1	SW 2	4	6	.....
31	57.74	57.10	24.2	29.8	94	75	SW 1	SW 3	9	9	.....
Mean	57.79	56.90	24.2	28.9	94.3	74.5	1.5	2.5	6.4	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	235.4

BATAG.

[ϕ=12° 40′ N; λ=125° 04′ E; barometer above sea, 78.5 meters; gravity correction not applied, —1.77 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.99	57.06	24.7	30.7	87	63	SW 2	SW 3	3	3	.....
2	58.19	56.71	24.3	30.6	89	65	SW 2	SW 3	3	3	.....
3	57.04	55.64	25.3	29.4	84	71	SW 2	SW 3	3	6	8 .....
4	55.23	54.20	26.3	28	80	77	SW 3	SW 3	3	9	9 .....
5	54.21	52.84	25.5	31.5	90	59	SW 3	SW 3	10	5	1
6	53.62	53.88	25.5	27	84	83	SW 3	SW 3	6	5	.....
7	55.33	54.39	25	32.8	88	55	SW 3	SW 3	4	4	.....
8	55.26	54.25	25.4	30.7	83	61	SW 2	SW 3	3	4	.....
9	56.06	56.02	25.2	31.1	88	60	SW 2	SW 4	4	4	.....
10	56.73	55.41	25.1	31.4	89	62	SW 3	SW 3	7	4	.....
11	57.71	56.74	25	30.5	92	62	SW 2	SW 4	7	6	.....
12	59.17	57.76	24	30.9	97	65	SW 2	SW 2	8	6	.....
13	59.39	57.95	23.8	30.9	98	67	SW 2	SW 3	4	3	.....
14	59.55	58.33	23.8	31.3	97	64	SW 1	SW 3	4	3	.....
15	59.12	58	24.6	31.3	92	63	SW 2	SW 3	8	3	.....
16	59.25	58.53	25.4	29	88	74	SW 2	SW 2	8	7	.....
17	60	58.30	24	29.7	97	72	SW 1	SW 2	4	5	.....
18	59.88	58.29	24	31.5	97	63	SW 1	SW 2	4	4	.....
19	60.03	59.45	24.3	31.5	96	63	SW 2	SW 3	3	4	111.8
20	59.43	56.41	23	28.8	98	76	SW 2	W 3	10	5	21.6
21	57.37	55.69	24.4	28.6	88	66	W 3	W 2	9	4	29
22	57.39	56.13	23.8	30.3	97	63	W 1	W 2	3	3	2.8
23	57.58	56.49	24	30.5	98	70	W 1	W 2	4	4	.....
24	58.84	58.78	24	25.8	99	82	W 1	W 2	4	5	3
25	60.38	58.76	24.4	30	85	75	W 1	W 2	3	3	.....
26	60.41	59.04	24.8	30	92	71	E 1	E 2	4	4	4.6
27	59.90	58.10	24.9	30	92	77	E 2	ENE 3	5	5	4.6
28	58.64	56.52	24.2	28.7	97	78	ENE 2	NE 3	8	5	25.9
29	55.85	54.66	25.8	26.9	88	90	N 2	NW 3	6	8	32.5
30	54.48	53.42	24.8	28	92	77	SW 3	SW 4	8	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.80	56.59	24.6	29.9	91.4	69.1	2	2.8	5.6	4.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	236.8

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	54.18	53.49	26	29.1	84	67	SW 4	SW 4	9	7	.....
2	54.01	52.59	26.3	27.9	79	77	SW 4	SW 4	9	8	.....
3	54.34	53.96	25.3	27.8	84	80	SW 3	SW 4	7	6	.....
4	57.69	57.27	24.5	29.7	83	67	S 2	S 2	5	5	.....
5	60.01	59.14	24.7	29.5	93	79	S 1	SE 2	4	6	.....
6	60.55	58.36	24.8	30.4	93	70	E 1	E 2	4	3	.....
7	58.43	57.94	24	30	98	73	E 2	E 3	3	3	.....
8	58.64	57.53	24.5	29.9	96	71	E 1	E 2	4	3	.....
9	58.82	57.99	25.3	30.6	93	65	ENE 2	ENE 2	6	6	15.5
10	58.46	57.63	24	26.5	95	83	NE 1	NE 3	9	8	13.9
11	58.03	57.35	24.5	28.2	89	76	N 2	N 2	8	8	.8
12	57.76	57.56	24.9	28.8	84	72	NW 3	N 2	5	8	.....
13	57.75	56.50	25.3	26.3	92	88	NW 3	NW 3	7	8	4.1
14	56.13	54.58	25.3	27.2	72	72	NW 4	W 4	9	7	3
15	53.82	52.03	24.4	26.8	91	78	SW 3	SSW 4	10	8	.....
16	54.80	54.55	24.6	30.2	85	65	S 2	S 2	5	5	.....
17	57.65	56.05	25.2	29.8	86	77	E 2	E 3	3	4	11.4
18	57.60	56.52	24	39.3	96	72	SE 2	SE 2	4	4	.....
19	57.90	56.11	24	30.5	95	74	E 1	W 2	3	4	19.6
20	57.59	56.17	24.1	29.1	99	78	W 1	W 2	8	7	3.6
21	56.26	53.59	25.8	25	85	90	W 3	W 3	8	9	8.1
22	55.44	55.55	24	28.1	98	77	SW 2	S 3	9	8	.....
23	58.68	57.97	24.6	29.5	90	77	SW 1	S 2	5	5	.....
24	59.03	57.90	24.5	30	91	75	S 1	SE 2	3	3	.....
25	58.93	57.56	24	30.5	94	71	S 1	S 3	2	2	1.3
26	60.23	59.84	25	27.3	96	78	E 2	E 3	7	5	23.9
27	61.55	60.14	24.4	28.4	97	83	E 3	E 3	7	6	.....
28	61.07	59.67	25.5	27.5	83	84	E 4	E 3	3	5	26.2
29	60	57.51	25.5	29	88	78	E 3	E 3	5	5	10.4
30	58.81	57.85	25.9	29.5	91	80	E 3	E 3	4	3	8.9
31	59.58	58.74	25	28.8	95	82	E 3	E 3	8	4	.....
Mean	57.86	56.76	24.8	28.7	90.2	76.1	2.3	2.7	5.9	5.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.7

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.92	58.42	25.2	26.5	88	91	E 3	E 3	4	5	5.6
2	59.06	57.98	25.3	28.3	89	78	E 2	ENE 3	6	5	5.1
3	59.52	58.48	25.2	27.2	82	87	ENE 3	ENE 3	5	3	3.8
4	58.78	58.42	24.9	28.8	81	76	ENE 3	ENE 3	3	3	22.1
5	59.13	58.21	24.6	29	98	81	ENE 2	ENE 3	4	3	4.3
6	59.65	58.70	24.8	27	97	90	ENE 3	ENE 2	6	4	2.3
7	59.90	58.84	25.6	29	93	81	ENE 3	ENE 3	6	4	6.1
8	59.64	59.35	25.8	28.5	90	81	ENE 3	ENE 3	4	7	5.8
9	60.09	59.14	25.6	29	90	81	ENE 4	ENE 3	4	4	7.4
10	60.14	59.32	24.4	27.6	97	81	ENE 4	ENE 4	9	8	2.5
11	60.27	59.12	26.4	27.2	81	78	ENE 4	ENE 4	7	5	4.3
12	59.98	58.67	25.9	25.2	85	93	ENE 4	ENE 4	5	9	17.3
13	60.27	59.41	24.9	28.3	89	84	ENE 3	ENE 3	5	4	15
14	60.43	59.42	24.8	28.6	85	71	ENE 3	ENE 3	4	3	.....
15	60.46	59.11	26	27.8	87	76	ENE 3	ENE 4	5	5	21.6
16	59.92	58.66	24.8	26.2	87	90	ENE 3	ENE 4	5	6	6.6
17	59.07	58.48	25	26.7	86	86	ENE 1	ENE 2	6	5	35.1
18	59.58	59.10	24.3	27.5	84	73	ENE 4	ENE 3	7	4	11.7
19	59.62	58.90	23.5	28	96	71	ENE 3	ENE 3	7	4	.....
20	60.52	59.08	24.8	28.5	83	74	ENE 2	ENE 3	4	5	2.5
21	60.07	58.89	24.4	27.8	91	81	ENE 2	ENE 2	4	4	19.3
22	59.59	59	24.2	27.5	97	79	ENE 1	E 1	5	8	5.4
23	60.08	58.68	24.6	28.5	97	71	Calm	E 2	9	5	.....
24	60.13	58.96	24.2	28.8	95	79	E 1	E 2	5	6	5.8
25	60.06	58.91	25	28.9	92	71	E 3	E 2	6	4	1.3
26	59.99	58.79	24	28.9	95	73	E 2	E 3	5	5	2.5
27	60.24	59.12	24	29.1	98	77	E 1	E 2	4	4	7.1
28	59.80	59.12	23.8	26	98	92	E 1	E 3	8	9	9.9
29	59.73	58.80	24.9	28.3	96	80	E 2	E 3	7	5	3.3
30	59.38	58.75	24.9	27.9	84	81	ENE 3	E 3	6	5	9.9
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.83	58.86	24.9	27.9	90.4	80.2	2.6	2.9	5.5	5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	243.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.83	58.96	24.5	27.8	94	81	E 2	E 3	7	7	.....
2	59.54	58.76	24.7	27.5	91	82	E 2	E 1	5	9	.....
3	59.82	58.61	25.2	27.6	83	77	E 3	ENE 3	5	5	22.1
4	59.54	58.45	24.4	25.8	97	97	ENE 4	ENE 3	10	10	45.8
5	60.03	59.96	24.5	27.4	92	73	ENE 3	ENE 3	9	4	.....
6	60.89	60.49	24.2	28	86	70	ENE 3	ENE 3	5	4	.....
7	61.53	60.46	24.2	27.8	77	73	ENE 2	ENE 3	4	4	.....
8	60.85	60.26	24.7	27.2	73	74	ENE 3	ENE 3	4	6	.....
9	60.45	59.41	23.9	27.9	79	71	ENE 1	ENE 2	3	5	.....
10	60.32	59.17	24.8	28.2	74	74	ENE 3	ENE 3	4	4	2.5
11	59.38	58.16	24	27	97	86	ENE 2	ENE 3	6	6	3.6
12	58.88	57.89	24.4	26.3	91	90	ENE 3	ENE 3	9	9	3.8
13	58.97	58.02	25.3	27.5	93	84	ENE 4	ENE 4	9	7	6.9
14	59.89	58.78	24	28.3	98	79	ENE 4	ENE 3	9	5	2.8
15	60.10	60.01	24.5	28.4	92	76	ENE 3	ENE 3	5	4	.....
16	60.12	59.40	24.9	28	84	77	ENE 3	ENE 3	4	4	8.4
17	60.61	59.45	23.9	25.8	99	92	E 2	E 3	9	9	13.7
18	61.29	60.24	24.7	26.3	86	80	E 3	E 3	7	7	10.9
19	60.87	60.18	23.9	26.8	94	86	ENE 3	ENE 3	9	6	1
20	61.44	59.64	24.1	24.7	94	94	ENE 2	ENE 4	9	9	23.4
21	60.62	59.04	24	27	91	80	ENE 4	ENE 3	8	7	.....
22	58.82	57.58	24.8	26.3	85	88	ENE 3	ENE 3	9	9	7.1
23	57.19	56.38	24.3	24.8	93	89	N 3	NW 4	9	10	30.5
24	56.08	53.76	24.5	24.5	96	99	NW 4	W 4	10	10	36.3
25	35.50	49.97	....	25	....	83	W 8	SE 3	10	8	123.2
26	57.79	56.61	24.2	27.4	94	80	ESE 2	ESE 3	6	3	18.8
27	59.45	58.29	24.6	27.9	92	78	E 2	E 3	4	4	.....
28	59.89	58.77	23	28.8	98	78	W 1	E 3	8	4	.....
29	60.09	59.42	23	27.8	98	74	E 1	E 3	8	4	.....
30	60.86	58.53	24	27.3	91	76	E 2	E 2	5	3	1.3
31	61.26	59.91	23	27.3	92	79	E 2	E 3	6	4	9.1
Mean	59.09	58.57	24.3	27	90.1	81.3	2.8	3	6.8	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	371.2

SORSOGON.

[$\phi = 12°\ 58'$ N; $\lambda = 124°\ 00'$ E]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			20	24.9	91	86	N 3	N 5	10	10	36.5
2			22	25	87	88	NW 1	N 1	10	10	24.9
3			22.5	24.2	84	67	NE 2	N 3	10	10	123
4			20	22.5	99	78	N 3	NNW 3	10	10	53.3
5			22.5	24.1	79	68	N 4	N 5	10	10	25.2
6			22.4	25.2	88	78	N 4	N 3	10	10	49
7			22.2	24.1	85	72	N 6	N 3	10	10	42.9
8			21.9	23.5	83	90	NNE 5	NW 5	10	10	5.6
9			22.5	24.2	82	83	NE 6	N 4	10	10	18.1
10			23.5	25	86	67	NW 5	N 5	10	10	17.5
11			22.5	23.3	87	84	NE 2	NE 3	10	10	9.9
12			24.5	25	83	83	NE 2	NE 1	10	10	33.5
13			22.5	25	87	84	N 5	N 3	10	10	43.2
14			23.5	25	96	88	NE 2	N 3	10	10	91.2
15			22.5	23	87	74	N 6	N 6	10	10	65.1
16			22.6	25	78	83	N 2	N 3	10	10	25.4
17			22.8	26.5	84	88	N 4	N 2	10	10	47.5
18			21.9	25.1	84	83	N 3	N 1	10	10	44.7
19			22.1	26	82	80	NE 2	NE 2	10	10	31.8
20			23.2	24.8	77	77	N 2	N 4	10	10	46.5
21			22	25	84	81	N 5	NNW 3	10	10	19.9
22			22.3	25	82	80	NE 2	NW 3	10	10	
23			23	25.8	75	89	NW 5	NW 3	10	10	13.5
24			22.1	24.2	82	94	NW. 3	N 4	10	10	50
25			21.8	24.2	84	86	N 5	NW 5	10	10	23.4
26			22	24.2	83	88	N 5	NW 2	10	10	21.3
27			23.1	25	90	80	N 4	N 2	10	10	13
28			21.1	25	91	80	N 3	N 4	10	10	
29			24.2	26.4	83	73	N 2	NE 2	10	10	4.6
30			23.5	24.1	96	80	N 1	N 2	10	10	13.5
31			22	24	87	83	N 3	NW 2	10	10	26.4
Mean			22.4	24.7	85.4	81.1	3.5	3.1	10	10	
Total											1,020.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			22.2	25	82	77	NE 3	N 2	10	10	10.7
2			23.5	25.5	96	80	NE 4	NNE 2	10	10	13.7
3			23.3	25.5	84	72	NE 5	NE 2	10	10	9.4
4			24.4	29	78	64	N 1	NE 2	10	10	
5			23.5	30	96	67	Calm	E 1	10	5	
6			22.8	29	91	72	Calm	N 1	10	7	
7			23	27	95	83	NE 1	NE 3	10	10	4.8
8			21.8	26.7	91	78	NE 1	NW 3	10	10	7.4
9			23.3	26.5	80	86	Calm	NE 5	10	10	5.6
10			23.5	24.5	87	71	NW 5	NE 2	10	10	19.3
11			23.5	25	87	83	N 3	N 4	10	10	13.5
12			24	25.2	83	83	NE 5	N 5	10	10	45.7
13			23	25.6	84	78	N 2	NNE 1	10	10	16
14			24	25	84	85	NNE 1	NE 1	10	10	37.3
15			23.5	27.5	94	73	NE 1	NNE 3	10	10	
16			23.6	29.8	87	60	Calm	E 1	10	10	.5
17			23.5	25.8	86	76	N 4	NE 3	10	10	28.1
18			22	23.5	89	96	NE 2	N 4	10	10	14.2
19			21	22	91	91	NE 6	NW 4	10	10	10.9
20			20.8	23.5	88	87	NNW 3	NNW 2	10	10	5.1
21			21.8	25.5	84	81	Calm	NE 1	10	10	4.1
22			21.5	25.1	87	81	NNW 2	NE 1	10	10	7.1
23			24.5	24.9	88	85	N 1	NW 5	10	10	
24			22.5	24.3	87	89	NW 1	N 3	10	10	13.2
25			23.5	24	96	93	NNE 4	NNE 4	10	10	29.5
26			23.5	27	96	78	NE 1	NE 5	10	10	
27			23.5	27	96	77	N 1	NW 1	10	10	3.8
28			23.8	27.5	99	73	Calm	NNE 3	10	10	
29											
30											
31											
Mean			23	26	88.8	79.2	2	2.6	10	9.7	
Total											299.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			20	23.2	90	90	Calm	NE 1	10	10	22.1
2			22.8	25.7	89	90	N 3	N 5	10	10	3.8
3			24.5	25.8	95	87	N 4	N 3	10	10	1
4			24.5	26.1	87	85	N 2	NE 4	10	10	
5			24.5	23.5	88	96	N 3	NW 2	10	10	36.1
6			24.2	26.5	90	82	NE 2	N 4	10	10	
7			24.5	26.5	88	81	N 3	NE 2	10	10	46.7
8			23.5	25.8	96	86	N 3	N 4	10	10	87.4
9			22.5	25.5	88	87	NE 3	SW 3	10	10	16.3
10			23.5	25.9	96	100	S 2	SW 2	10	10	67.8
11			22.5	27.5	95	75	SSE 1	SW 1	10	10	
12			22	28	94	78	N 1	N 2	10	10	5.1
13			22.7	27.8	93	79	NE 1	NE 1	10	10	36.8
14			23	29	87	73	Calm	W 2	10	5	
15			20.5	28.8	95	74	Calm	NE 4	10	10	
16			23.5	29.8	96	73	NE 1	NE 3	10	10	
17			23.6	28.3	95	76	NE 1	NE 1	10	10	7.4
18			23.2	23.5	90	89	NE 1	NNE 1	10	10	12.2
19			21	27.8	99	71	NE 1	N 1	10	8	
20			21.5	27	95	76	N 1	NNE 2	10	10	
21			21	28.8	91	84	NE 1	NE 2	10	10	
22			19.5	26.5	80	68	N 1	NNE 1	10	10	
23			22.5	27.5	87	74	NNE 1	NNE 1	10	10	
24			22	29.2	96	75	NNE 1	NE 1	10	10	
25			24	30.6	96	73	NW 1	ESE 2	10	10	
26			23	30.5	95	74	NNE 1	NE 1	10	10	
27			24.9	28.4	91	76	NE 2	N 3	10	10	
28			23.5	28.5	96	78	N 1	NE 1	10	10	
29			25	28.5	90	78	N 1	NE 1	10	10	
30			24.3	26.5	93	81	N 1	N 1	10	10	50.8
31			24.5	28	87	77	NNE 1	N 3	10	10	12.1
Mean			23	27.3	91.9	80.2	1.5	2.1	10	9.8	
Total											405.6

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			23.5	27.5	96	82	NE 1	NNW 3	10	10	5.3
2			23.7	27.4	96	73	N 1	N 3	10	10	
3			23.5	29.4	96	70	N 1	N 2	10	10	
4			23.8	28.7	92	71	NNE 1	NE 1	10	10	
5			23.8	27.2	93	78	NW 1	NE 4	10	10	7.1
6			24.5	26.5	92	80	NE 1	NE 3	10	10	5.6
7			23	30	95	73	NE 1	NE 1	10	10	
8			23.7	29.4	85	75	NE 1	N 3	10	10	
9			23.4	29.7	96	75	Calm	N 2	10	10	
10			23	29	99	72	NNE 1	NE 3	10	10	
11			23.1	28.5	95	78	SE 1	NW 3	10	10	
12			23.5	27.5	96	74	NW 1	NW 3	10	10	
13			24	26.1	96	85	WNW 1	SW 4	10	10	
14			21	30.1	95	69	NE 1	NE 1	10	10	
15			23.5	30.5	96	72	W 1	ENE 1	10	10	
16			23	28.5	91	83	E 1	WNW 2	10	10	3
17			23.5	28.8	96	76	NE 1	NW 2	10	10	
18			22.5	29	89	71	NE 1	NE 4	10	10	
19			23.5	29.9	96	73	NE 1	NE 1	10	10	
20			24	28.9	90	71	NE 3	N 3	10	10	
21			23.2	29.5	97	68	NE 2	NE 2	10	10	
22			22.5	29.3	89	76	NE 1	N 3	10	10	7 9
23			25	29.5	92	75	ESE 1	ESE 2	10	10	
24			24.3	27.6	89	76	NNE 1	NE 2	10	10	12.2
25			23.5	....	96	....	N 2	.....	10	.....	
26											[a]16.3
27			24	29	90	65	NW 1	NE 3	10	10	
28			23.5	28.8	96	74	NE 1	NE 3	10	10	
29			23.4	29	95	71	N 2	NE 3	10	10	2.3
30			23.7	29.5	95	70	NW 1	NE 3	10	10	
31											
Mean			23.5	28.7	93.8	74.1	1.1	2.5	10	10	
Total											59.7

[a] This amount corresponds to the 25th and the 26th.

SORSOGON.

[$\phi = 12°\ 58'$ N; $\lambda = 124°\ 00'$ E]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			25	29	88	71	N 1	NE 3	10	10	16
2			25	29.3	90	74	NNE 1	NE 2	10	10	
3			25	29.4	92	68	NNE 1	NE 2	10	10	9.9
4			23.5	30	96	71	NE 2	NE 2	10	10	
5			23.5	30.5	96	68	N 2	N 2	10	10	
6			24.2	31	91	68	N 2	N 3	10	10	
7			23.8	....	97	....	N 1	.....	10		
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											[a]153.7
20			24	30.5	91	74	NE 1	NE 1	10	10	
21			23.5	30.7	96	70	NW 1	NE 1	10	10	
22			20.5	30.8	95	70	NW 1	NE 1	10	10	
23			21	30.7	92	70	NNW 1	NW 1	10	10	
24			26.5?	30.8	82	70	NE 1	W 2	10	10	
25			22.5	29.8	82	71	W 1	W 2	10	10	
26			23	30.9	86	72	W 2	W 2	10	10	
27			24	30.8	86	72	NW 1	W 2	10	10	10.7
28			24.5	30.5	87	70	NW 1	W 2	10	10	
29			24.5	31.4	88	70	NW 1	NW 2	10	10	
30			24.4	31.9	88	65	NW 1	NW 2	10	10	
31			23.5	31.8	96	59	NW 2	NW 2	10	10	
Mean			23.8	30.5	90.5	69.6	1.3	1.9	10	10	
Total											190.3

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature.[b] 6 a. m.	Temperature.[b] 2 p. m.	Relative humidity.[b] 6 a. m.	Relative humidity.[b] 2 p. m.	Wind, direction and force (0-12)[b] 6 a. m.	Wind, direction and force (0-12)[b] 2 p. m.	Cloudiness.[b] 6 a. m.	Cloudiness.[b] 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			24.5	30.1	92	76	NE 1	NE 3	10	10	16
2			23.5	30.5	96	73	NE 3	NE 3	10	10	16.2
3			23	29.5	95	73	NE 1	E 2	10	10	14.8
4			22.5	25.3	94	88	NE 1	NE 4	10	10	21.1
5			23.7	26	81	84	NW 1	E 2	10	10	12.7
6			23.5	28	96	79	W 2	NE 2	10	10	
7			24.5	28.8	89	76	SW 1	SW 1	10	10	45.5
8			22.5	25.1	96	89	NW 1	SW 2	10	10	8.1
9			23.5	29.9	96	67	NE 3	SW 2	10	10	
10			24.5	27	93	77	SW 1	SW 2	10	10	3.8
11			23	28.5	92	76	SW 1	SW 2	10	10	
12			24.3	30	95	71	SW 1	SW 2	10	10	
13			24.3	27.7	94	82	WNW 1	W 1	10	10	15
14			22.5	29.9	87	67	Calm	Calm	10	10	8.6
15			23.5	28.9	96	75	SW 2	SW 2	10	10	
16			23.5	29.5	96	75	SW 2	SW 2	10	10	
17			24	29.9	95	68	Calm	SW 2	10	10	3.8
18			25	29.8	92	71	E 1	SW 2	10	10	6.1
19			23.5	29	95	71	Calm	SW 3	10	10	10.7
20			24.5	29.8	94	73	Calm	SW 4	10	10	2.3
21			24.2	29.3	92	69	Calm	E 2	10	10	2.3
22			24.2	29.5	90	69	NNE 1	E 2	10	10	
23			23.5	30.5	96	72	SW 2	SW 2	10	10	
24			22.8	30	93	76	Calm	SW 2	10	10	
25			24	30.9	83	72	SW 2	SW 2	10	10	12.4
26			23	23.5	97	96	SW 1	SW 2	10	10	52.2
27			21	20	91	81	SW 3	SW 6	10	10	
28											
29											
30											[c]167.1
31											
Mean			23.6	28.4	92.8	75.8	1.2	2.3	10	10	
Total											418.7

JULY.[d]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			23.5	30.5	96	75	Calm	SW 1	10	10	
2			22	30.8	95	67	SW 1	SW 2	10	10	
3			21.5	29.8	88	71	NW 1	NW 1	10	10	8.4
4			24	27	93	84	WNW 1	SW 3	10	10	24.3
5			23.5	24	96	92	SW 4	SW 4	10	10	19.3
6			22.9	28.7	92	66	SW 1	SW 3	10	10	
7			23.5	28.4	96	70	SW 2	SW 3	10	10	6.4
8			25	28.5	88	76	SW 4	SW 5	10	10	
9											
10											
11											
12											
13			26.4	30	82	64	SW 5	SW 6	10	10	
14			27	30.4	80	69	SW 3	SW 6	10	10	
15			26	29.7	79	69	SW 3	SW 5	10	10	
16			25.5	30	80	67	SW 1	SW 4	10	10	
17			26	30	80	70	SW 3	SW 4	10	10	
18			26	30.5	82	67	SW 1	SW 4	10	10	
19			26	30.1	82	71	SW 3	SW 4	10	10	
20			25.6	31	87	64	SW 1	SW 5	10	10	
21			23.5	27.7	96	87	SW 2	SW 2	10	10	
22			26	30.5	88	68	SW 1	SW 6	10	10	
23			26.5	30	80	72	SW 4	SW 5	10	10	
24			26.5	29.8	81	71	SW 2	SW 4	10	10	
25			27	29.7	78	69	SW 3	SW 4	10	10	
26			26.5	29.8	82	71	SW 3	SW 4	10	10	
27			26.3	29	80	71	SW 3	SW 3	10	10	
28			25	29.8	86	71	SW 4	SW 4	10	10	3.6
29			26.7	30.5	77	65	SW 2	SW 2	10	10	
30			24.9	32.7	88	57	SW 1	SW 1	10	10	6.1
31			23.7	28.7	91	71	SW 1	W 1	10	10	
Mean			25.1	29.5	86	70.9	2.2	3.6	10	10	
Total											[e]68.1

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			22.5	31.6	91	60	NW 1	N 1	10	10	
2			21.5	29	92	68	NW 1	SW 1	10	10	
3			21	27.5	93	71	SW 1	NW 1	10	10	
4			23.5	31.3	96	62	SW 1	SW 1	10	10	
5			26.5	31	84	66	SW 1	SW 2	10	10	
6			25.8	31.2	83	68	SW 1	SW 4	10	10	
7			24.5	32.4	83	61	SW 1	SW 4	10	10	
8			26	30.5	82	64	SW 1	SW 2	10	10	
9			24.5	26.5	83	76	N 4	SW 3	10	10	9.9
10			23.5	25.4	96	84	SW 3	SW 1	10	10	
11			23.5	25	96	87	SW 1	SW 3	10	10	51.1
12			23.8	28.2	92	76	SW 2	SW 4	10	10	32.3
13			25.6	30.8	83	64	SW 3	SW 3	10	10	13.5
14			23.5	30.4	96	68	SW 1	SW 2	10	10	8.4
15			23.5	31.4	96	65	SW 2	SW 2	10	10	2.3
16			23	28.9	91	71	SW 1	SW 1	10	10	8.1
17			23.5	26.3	89	82	NW 1	SW 1	10	10	
18			23.2	29.8	97	68	SW 1	SW 4	10	10	8.1
19			25	28.8	85	76	SW 3	SW 4	10	10	50.8
20			24.5	26.5	90	79	SW 1	SW 2	10	10	1.5
21			24	26	91	88	SW 1	SW 1	10	10	57.9
22			24.5	27.5	94	75	SW 2	SW 3	10	10	36.3
23			24	27.7	91	72	SW 1	SW 1	10	10	70.6
24			25.1	27.5	89	74	SW 3	SW 5	10	10	85.6
25			25.3	29.4	84	67	SW 1	SW 1	10	10	27.4
26			25	29.4	90	68	SW 2	SW 3	10	10	
27			25.6	29	88	73	SW 2	SW 1	10	10	
28			23.7	27.2	93	77	SW 1	SW 1	10	10	11.7
29			24.5	29.3	91	69	SW 1	SW 1	10	10	15.7
30			25	30	90	70	SW 1	SW 2	10	10	54.1
31			25.5	29.8	92	67	SW 2	SW 1	10	10	
Mean			24.2	28.9	90	71.5	1.5	2.1	10	10	
Total											555.2

NOTE: This station was temporarily closed from May 8 to 19.

[a] Amount of rainfall from the 7th to the 19th.

[b] 27 days of observation.

[c] Amount of rainfall from the 27th to the 30th.

[d] Temporarily closed on July 9 to 12.

[e] 27 days of observation.

SORSOGON.

[ϕ=12° 58′ N; λ=124° 00′ E]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			26	29.7	82	69	SW 1	SW 1	10	10	
2			25.5	29.5	88	71	SW 1	SW 1	10	10	
3			25.5	28.5	86	75	SW 1	SW 3	10	10	7.1
4			26	28.5	82	74	SW 3	SW 3	10	10	9.9
5			24.5	27.5	83	77	SW 5	SW 2	10	10	55.3
6			23.8	27	93	77	SW 3	SW 4	10	10	62.4
7			25.5	28.3	80	68	SW 2	SW 2	10	10	22.6
8			25.3	28.4	83	75	SW 2	SW 1	10	10	34.3
9			26	29.3	85	71	SW 5	SW 4	10	10	40.7
10			27	29.3	86	78	SW 4	SW 3	10	10	
11			27	30.8	85	66	SW 3	SW 4	10	10	
12			26	29.5	85	70	SW 2	SW 3	10	10	
13			25.8	30	83	67	SW 1	SW 1	10	10	
14			25.8	31	81	63	Calm	SW 2	10	10	
15			26	31	82	64	SW 2	SW 2	10	10	
16			24.5	29.8	88	66	SW 1	Calm	10	10	25.9
17			24.8	28.9	83	72	Calm	SW 1	10	10	
18			23.8	31.4	86	65	Calm	SW 2	10	10	
19			26.2	29.9	81	70	Calm	SW 1	10	10	46.7
20			24	29.4	90	67	Calm	SW 3	10	10	
21			21.5	28	87	71	Calm	S 3	10	10	
22			21.7	29	86	68	Calm	SW 2	10	10	12.4
23			23	29.3	99	67	Calm	SW 2	10	10	
24			24	29.8	91	67	SW 1	SW 1	10	10	
25			23.5	30	90	70	SW 1	SW 2	10	10	
26			22.5	29.5	94	68	SW 1	NW 1	10	10	27.4
27			25.1	29.5	81	75	NW 1	NW 1	10	10	2.3
28			24.2	30	86	72	NW 1	NW 1	10	10	
29			24.3	28	87	79	NE 1	NW 3	10	10	3.3
30			25	28	83	72	SW 2	SW 4	10	10	71.6
31											
Mean			24.8	29.3	85.9	70.5	1.5	2.1	10	10	
Total											421.9

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			26.5	28	80	71	SW 3	SW 4	10	10	14.7
2			27	28	77	71	SW 6	SW 7	10	10	
3			26.5	28.2	80	73	SW 3	SW 4	10	10	
4			26.5	29	82	73	SW 1	SW 1	10	10	
5			24.5	29	92	76	SW 1	SW 1	10	10	
6			24	30	89	72	SW 1	SW 1	10	10	
7			23.5	30	96	71	Calm	NE 1	10	10	8.1
8			24.4	29	92	76	Calm	NE 1	10	10	8.1
9			23.5	29.2	96	72	Calm	NE 2	10	10	
10			23.5	26.7	96	77	Calm	NNE 1	10	10	10.7
11			24.5	28.6	89	74	N 1	NE 2	10	10	
12			23	29	91	74	Calm	NE 3	10	10	
13			23.7	28.9	87	76	NE 1	NE 3	10	10	
14			23.5	29.5	87	67	W 1	WSW 1	10	10	
15			25.5	27.5	86	75	SW 1	WSW 3	10	10	36.8
16			23.5	29.3	96	73	S 2	S 4	10	10	
17			24.2	30.5	90	65	S 2	S 2	10	10	1.5
18			25.3	30	92	67	W 1	W 1	10	10	
19			25.7	31	81	67	NW 1	S 1	10	10	
20			24	30.5	90	69	NW 1	NW 1	10	10	12.4
21			24.5	27	87	84	W 1	SW 1	10	10	36.8
22			24.5	28.2	87	70	SW 4	SW 5	10	10	20.4
23			26	29	78	65	SW 1	SW 1	10	10	
24			22	29.4	93	70	SW 1	W 1	10	10	
25			22.5	30	89	70	NW 1	WSW 1	10	10	
26			24.5	28.5	87	75	N 1	N 2	10	10	
27			23	28.5	98	73	N 2	NE 3	10	10	8.1
28			24.7	26.8	87	80	NE 3	NE 2	10	10	17.2
29			24.5	25.5	87	81	N 1	NNE 1	10	10	22.6
30			24	30	90	67	NNE 1	NNE 1	10	10	36.8
31			24.3	28.1	90	75	NE 1	NE 1	10	10	
Mean			24.4	28.8	88.5	72.5	1.4	2	10	10	
Total											234.2

NOVEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			23.7	29	89	79	NE 1	NE 3	10	10	34
2			25	28.4	85	74	NE 1	NE 1	10	10	
3			24.8	29.8	87	65	NE 1	NE 1	10	10	
4			24.5	29.7	88	72	NE 1	NE 1	10	10	
5			25	30	88	73	NW 1	NE 1	10	10	
6			24	29.4	90	74	NE 1	NE 3	10	10	38.4
7			24	28.3	89	73	NE 1	NE 2	10	10	51.6
8			25	28.8	85	74	NE 1	NE 2	10	10	37.3
9			25	28.2	90	70	NE 3	NE 3	10	10	74.7
10			25	29	83	74	NE 2	NE 3	10	10	51.6
11			25.6	28.1	81	75	NE 2	NE 1	10	10	52.1
12			23.8	28	88	59	NE 3	NE 3	10	9	5.1
13			25.5	26.1?	88	....	NE 2	NE 4	9	9	
14			23.6	29.7	85	69	NE 1	NNE 3	10	10	
15			25	28.1	88	78	NE 4	NE 4	10	10	
16			25.6	28.5	85	69	NE 3	NE 4	10	10	43.9
17			24.5	24.1	85	77	NW 2	N 3	10	10	85.3
18			24.2	28.5	80	68	N 2	NE 3	10	10	24.9
19			24	28.5	81	69	NE 1	NE 3	10	10	
20			22.3	28.2	88	68	Calm	NE 2	10	10	2
21			24	26.8	83	72	NE 2	NE 3	10	10	44.2
22			22.5	28	81	71	NE 1	NE 1	10	10	
23			24	29.2	90	68	NE 1	NE 2	10	10	2
24			24.2	29	91	70	NE 1	NE 1	10	10	
25			24.5	28.5	87	73	NE 1	NE 1	10	10	13.2
26			23.5	31	96	64	NE 1	NE 1	10	10	
27			23.7	31	94	64	NE 1	NE 1	10	10	
28			24.5	....	79	....	NE 1	....	10	....	
29											
30											
31											
Mean			24.3	28.6	86.6	70.8	1.5	2.2	10	9.9	
Total											[b]560.3

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Mean											
Total											

[a] This station was temporarily closed from November 29, 1918, to January 1, 1919.
[b] 28 days of observation.

SUMAY, GUAM.

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.17	59.95	25	27.2	87	84	ENE 2	N 1	4	8	14
2	60.02	58.88	25.6	27	92	77	NE 1	ESE 2	8	8	12.7
3	60.20	58.83	23.6	28.4	85	75	SSE 1	N 2	4	5	.....
4	60.20	58.95	25.2	27.8	77	66	NE 2	E 3	4	4	1.3
5	60.10	57.85	25.6	28.4	92	70	NE 1	ENE 3	6	4	.....
6	59.07	58.85	25.8	28	81	77	E 1	NE 2	5	5	2
7	59.20	56.95	25.2	27.4	85	68	NE 2	NE 3	8	3	1.5
8	57.95	57.85	23.4	28.8	91	60	Calm	SE 1	4	5	.....
9	59.20	56.95	24.6	28.4	80	70	NE 2	NE 3	2	4	.....
10	58.20	56.95	24.6	28.2	82	72	NE 2	NE 3	3	4	.....
11	60.32	59.10	24.4	25.4	91	92	NE 3	ENE 4	6	8	5.3
12	60.20	59.20	24.8	24.4	92	91	NE 5	NE 4	8	8	.8
13	60.20	59.95	24.6	28	87	73	NE 3	E 3	8	6	.8
14	60.20	58.95	25.2	28	87	68	E 2	ESE 2	4	0	.8
15	59.95	58.85	23.6	28.6	91	65	E 1	ESE 2	4	7	.....
16	60.20	57.95	25	28.2	83	57	ENE 2	E 2	4	1	.....
17	59.07	56.85	25.2	28.8	80	68	NE 1	E 3	2	4	.....
18	58.07	57.05	25.8	27.2	79	77	ENE 4	ENE 5	6	8	1.3
19	58.17	56.85	25.6	28.8	84	68	NE 2	E 2	4	6	.8
20	59.07	56.85	25.4	29	92	62	E 3	SE 3	8	4	.8
21	57.20	55.95	25.6	27	87	87	E 1	E 3	4	8	14
22	58.07	56.98	25.6	27.4	85	84	NE 1	E 2	6	6	39.4
23	58.20	55.84	24	28.4	86	77	NE 1	E 3	8	4	.8
24	58.20	56.90	25.4	28.6	77	79	E 1	E 3	4	4	.....
25	57.20	56.88	25	29	85	86?	ENE 2	E 2	4	4	.....
26	58.20	56.90	25	28.6	83	88?	E 2	E 3	4	3	.....
27	59.20	56.95	24.4	28	77	73	ENE 2	NE 3	3	6	.....
28	58.20	56.95	24.6	27.2	82	71	E 2	SE 2	4	6	10.2
29	57.07	57.05	24.4	27	91	80	E 1	E 1	8	6	.5
30	57.05	57.07	25	25.2	90	92	Calm	E 1	8	8	27
31	58.27	57.93	24	28.4	93	64	S 1	NE 2	8	8	3
Mean	58.92	57.71	24.9	27.8	85.6	74.9	1.7	2.5	5.3	5.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	137

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.07	59.85	22.4	28.2	91	68	E 2	E 4	4	4	.....
2	60.20	59.98	24.2	27.2	85	75	NE 2	NE 4	4	6	.....
3	60.20	57.95	24.8	28	80	68	NE 3	E 4	4	6	.....
4	60.20	57.95	25	28	79	85?	NE 2	NE 3	4	7	4.3
5	59.20	56.95	23	28.2	91	80	ESE 3	ESE 4	8	6	1.3
6	58.07	55.85	25.6	28.1	82	70	E 3	ESE 4	6	6	.....
7	57.15	55.83	25.2	29.8	82	....	SE 2	ESE 2	4	4	.....
8	58.15	56.83	25.6	30	87	71	NE 2	NE 3	2	6	.....
9	60.07	57.88	25.6	28.4	92	85	E 2	ENE 3	4	6	.....
10	60.07	59.15	25.4	25.2	90	95	ENE 2	NE 3	4	10	25.4
11	60.20	58.17	25.6	27.2	88	90	NE 3	NE 3	4	6	12.7
12	60.20	57.83	25.2	29.6	90	85	NE 3	NE 3	6	6	.....
13	58.20	57.07	25.2	26.2	90	84	NE 3	NE 5	6	10	1.3
14	59.10	58.10	26	27.6	76	70	NE 4	NE 4	6	4	.....
15	59.20	57.95	25	28	76	66	NE 2	NE 3	4	6	.....
16	60.17	57.98	25.4	28	87	73	NE 1	NE 1	4	6	.....
17	58.20	56.95	24.6	28.2	88	69	NE 1	NE 1	4	6	2.5
18	58.07	56.95	26	28	84	74	E 1	E 2	10	10	50.8
19	57.17	58.17	25	24	97	98	S 1	Calm 1	10	10	77.4
20	58.17	57.83	25.2	29.6	93	72	Calm	S 2	8	8	1.3
21	60.07	58.83	25	29.2	92	74	Calm	SE 1	8	6	.....
22	60.07	58.83	25.6	30	88	67	Calm	Calm 4	4	4	.....
23	61.07	59.85	23.6	29	91	65	Calm	SE 1	8	6	.....
24	61.17	60.07	25.6	28.2	82	82	NE 1	NE 1	4	6	8.9
25	61.17	58.95	25.4	28.4	93	82	NE 2	NE 2	6	6	3
26	59.17	57.95	25.6	28	88	76	NE 2	NE 2	6	6	8.1
27	59.20	57.83	25.4	28.6	87	76	NE 1	NE 2	5	6	.....
28	60.20	58.83	25.4	29.6	85	66	NE 1	E 2	4	4	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.40	58.08	25.1	28.2	86.9	76.5	1.7	2.4	5.4	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	197

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.20	58.02	25.5	27.4	84	77	NE 1	NE 2	4	8	2.5
2	60.20	60	25	27.6	83	81	NE 2	NE 3	6	8	.....
3	61.07	60.07	25.4	26.6	85	83	NE 3	NE 4	8	10	4.6
4	60.20	59.07	24.8	26.6	88	74	NE 3	NE 3	8	10	8.4
5	61.08	60.90	25.6	27.8	79	86?	NE 3	NE 3	8	4	.....
6	61.18	59.90	25	28.8	92	68	NE 2	NE 3	8	6	2.8
7	61.30	60.05	24	27.6	91	74	NE 2	NE 3	10	4	3.3
8	60.20	59.90	24.8	28.6	82	83	NE 1	NE 2	2	2	.....
9	60.20	59.02	24.8	27.4	75	76	NE 2	NE 3	2	5	.....
10	60.20	59.05	26	27.6	75	89?	NE 2	NE 3	4	6	.....
11	60.32	57.93	24.2	29.2	78	85?	NE 1	NE 1	4	2	2.5
12	59.32	57.75	23.4	25.6	93	92	NE 1	E 2	10	6	3.8
13	59.32	58.07	24.6	26.8	88	69	NE 2	NE 3	8	6	.....
14	60.27	59.95	24.8	27.6	82	68	E 1	NE 2	4	4	.....
15	60.27	60.02	24.2	27.6	85	70	NE 2	NE 3	6	6	.....
16	60.20	58.90	25.2	28.8	79	72	NE 1	NE 1	4	4	4.3
17	60.29	59.85	22.6	29.8	91	65	Calm	S 1	4	8	.....
18	61.15?	59.95	25.6	27.2	88	86	NE 1	NE 1	8	8	7.1
19	60.22	58.83	24.6	29	90	71	NE 1	SE 1	6	2	.....
20	59.10	57.80	24.8	29.2	87	76	Calm	SE 1	4	6	.....
21	59.20	57.73	23.4	30.4	90	73	Calm	ESE 1	4	6	.....
22	58.32	57.83	23.2	29.8	91	71	S 2	S 1	2	6	.....
23	59.20	58.83	23.4	29.4	93	75	Calm	SE 1	4	6	.....
24	59.07	58.95	25	28.6	85	66	Calm	E 1	4	6	.....
25	60.07	58.83	25.8	29	82	69	E 1	E 2	6	6	6.4
26	60.20	58.90	25	29.2	88	67	E 1	E 1	4	4	5.6
27	59.20	58.35	25.2	27.2	88	83	E 1	NE 2	6	6	15.2
28	58.45	57.20	25.2	28.2	83	74	NE 2	E 2	4	4	8.9
29	58.22	58.30	25.2	28.2	83	77	NE 1	Calm 4	6	6	.....
30	59.10	58.55	25.2	27.6	85	76	Calm	NE 2	6	8	.....
31	60.10	58.88	25.2	28.4	83	69	NE 1	E 2	4	6	1.3
Mean	59.92	58.95	24.7	28.2	85.4	75.6	1.3	1.9	5.4	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	76.7

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.10	57.65	25.2	29	79	55	ENE 2	E 3	6	0	.....
2	58.07	56.40	25.2	28.2	83	66	E 1	E 2	4	6	.....
3	58.20	55.83	25.2	28.6	79	64	Calm	E 1	10	6	4.3
4	57.60	56.83	24	29.6	88	63	Calm	ENE 1	6	4	5.8
5	57.20	56.23	24.4	29.2	93	67	Calm	ENE 1	8	6	.....
6	57.07	55.78	25.4	29	82	67	NE 1	NE 2	4	8	.....
7	56.20	55.85	25.8	28.6	82	69	NE 1	E 1	4	8	.....
8	56.20	55.85	25.2	28.4	87	72	E 1	E 2	6	6	3.8
9	57.37	56.65	26	27.6	84	81	ENE 2	E 3	8	10	11.5
10	58.95	58.28	25.6	28.4	88	72	E 1	E 1	8	10	19.8
11	58.72	58.68	25.2	28.8	87	69	NE 1	E 1	4	8	.....
12	59.27	58.05	25.2	28.4	79	75	NE 1	E 1	2	4	.....
13	58.22	57.58	25.2	27.8	83	80	NE 1	E 1	2	8	.....
14	58.22	56.90	25.6	29	84	78	Calm	Calm 1		2	.....
15	57.27	55.08	24.6	28.4	93	86	NE 1	NE 1	10	6	8.1
16	56.87	56.17	24.6	25.8	95	88	SE 1	S 2	10	10	3
17	57.42	56.83	24.4	29.2	90	71	SSW 1	SW 1	6	6	.....
18	58.52	58.08	22.6	29	93	71	Calm	Calm 4		4	.....
19	59.80	58.50	25.8	28	90	86	NE 1	E 2	4	4	15.2
20	59.75	58.25	26	28.4	92	86	ENE 1	NE 2	8	6	1.8
21	59.32	58.70	25.6	29.8	85	70	Calm	NE 3	2	6	.....
22	59.10	58.40	25.6	29.4	85	58	NE 1	E 2	6	2	.....
23	60.40	59.95	25.6	29.6	85	69	E 1	E 1	6	4	.....
24	60.85	60.23	25.2	30.4	88	58	Calm	E 1	3	6	.....
25	60.60	59.45	25.2	27.2	87	77	ENE 1	NE 2	8	10	7.6
26	59.32	58.35	25	29.6	82	56	Calm	Calm 2		4	.....
27	59.07	58.08	24	27	88	84	Calm	Calm 2		8	6.4
28	58.65	58	25.4	29	80	67	Calm	E 2	2	6	.....
29	59.17	.....	25.2	....	87	....	E 1	.....	4	.....	.....
30	59.27	57.75	25.6	29.8	84	62	NE 1	E 2	4	4	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.53	57.53	25.1	28.7	86.1	71.3	0.7	1.4	5.1	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87.3

SUMAY, GUAM.

[ϕ=13° 24′ N; λ=144° 38′ E; barometer above sea, 20.4 meters; gravity correction not applied, −1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.07	57.35	25.6	28.4	78	69	E 1	E 2	2	4	.....
2	58.57	57.60	25.2	30	79	64	ENE 1	E 3	2	6	.....
3	59.22	58.53	25.8	29.6	85	64	NE 1	ENE 2	4	6	2.5
4	59.07	58.48	26.2	30	81	67	NE 1	E 3	6	6	.....
5	60.30	59.13	26	29.6	81	66	E 1	E 3	6	8	.....
6	59.50	58.03	25.8	29.6	90	67	NE 1	E 1	4	8	.....
7	58.35	56.88	25.4	29	87	74	E 1	ESE 3	4	6	1.5
8	57.90	57.33	25.8	28.8	88	72	NE 1	E 2	4	8	.....
9	58.55	57.95	26.2	29.6	82	74	NE 2	E 2	4	4	.....
10	59.27	58.70	26.8	30.6	78	65	E 2	E 2	4	6	1.8
11	60.07	59.23	26.4	30.2	82	61	E 2	E 3	2	8	.....
12	59.27	58.30	26.2	30	82	65	E 1	E 2	6	6	.....
13	59.52	58.25	26.4	31	81	55	E 1	E 4	4	4	3
14	59.65	58.10	26.6	30.6	84	64	ENE 2	E 2	8	6	.....
15	58.42	57.90	26.6	30.8	84	62	ENE 1	ENE 2	6	6	1
16	58.10	57.15	26	30	87	66	NE 1	E 1	4	6	1.8
17	58.12	57.25	26	30.4	81	58	NE 1	E 2	6	2	.....
18	58.07	57.38	26.2	29.6	82	63	Calm	E 2	4	8	6.4
19	58.30	57.33	26	29.6	82	64	E 1	ESE 3	6	10	.....
20	58.10	57.62	27	28.2	84	80	E 2	SE 2	10	10	12.7
21	58.47	57.80	26.6	29.2	80	71	ESE 2	ENE 2	4	4	.....
22	59.30	58.23	26.4	30.4	78	60	E 1	E 2	2	4	40.6
23	59.32	57.80	24.6	29.6	92	72	Calm	ESE 2	10	4	.....
24	58.67	57.50	27?	30.4	84	69	SE 1	E 2	4	6	.....
25	58.80	58.50	25.4	29.6	90	72	SE 1	S 2	2	6	.....
26	59.32	59.13	26	28	92	86	Calm	Calm	4	0	2
27	59.65	59.10	25.4	29	93	76	Calm	E 1	6	6	.....
28	58.95	58.85	25.6	26.2	92	87	Calm	N 2	4	8	14
29	58.48	59.80	25.2	27	90	89	Calm	E 1	4	10	14.8
30	60.07	58.30	25.6	29.8	90	63	Calm	SE 2	4	6	.....
31	60.17	58.83	25.6	29.2	87	70	E 1	E 2	4	6	.....
Mean	58.99	58.14	26	29.5	84.7	68.9	1	2.1	4.6	6.1	.....
Total											101.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.77	59.03	26.2	28.6	81	73	NE 1	NE 3	4	10	6.4
2	59.32	58.13	26.2	29.2	85	71	E 1	E 2	4	6	5.1
3	59.07	58.18	25.6	28.2	87	79	E 2	E 2	6	10	6.4
4	59.57	58.33	26.2	29.6	89	69	E 1	E 3	2	6	3.8
5	58.75	58.15	25.6	30.8	92	65	E 1	E 2	10	4	7.1
6	58.05	57.23	26.8	30	86	65	E 1	E 2	6	6	.....
7	58.50	57.83	26.6	29	84	76	E 1	E 2	4	4	14.5
8	59.50	58.40	25.6	29.6	88	71	NE 1	Calm	10	4	.....
9	59.45	58.90	24.4	30.2	93	70	Calm	N 1	4	2	3
10	59.35	58.05	26.2	29.2	90	84	N 1	ENE 1	4	4	.....
11	59.25	58.73	26.2	30.6	90	67	Calm	SE 2	2	8	.....
12	59.98	59.50	26.4	30	90	73	E 1	E 2	8	6	2.5
13	60.07	59.87	25.2	25.6	97	97	Calm	SW 1	4	10	27.2
14	59.15	58.03	26	28.6	81	86?	E 1	S 1	4	6	.....
15	59.07	58.81	24.6	30.2	93	73	Calm	W 1	2	4	.....
16	59.87	58.50	26.8	30.2	81	75	E 1	E 2	1	6	.....
17	59.02	58.03	27	29.2	78	82?	NE 2	E 2	4	6	.....
18	58.45	58.63	27	31	80	67	E 1	E 2	4	6	.....
19	59	58.30	27	29.6	84	75	NE 1	E 2	4	6	.....
20	58.75	58.18	27.2	31.6	84	60	E 1	SW 1	4	4	.....
21	58	57.60	27.2	29.4	80	78	E 1	E 2	2	4	.....
22	57.25	57.35	26.8	28.4	83	83	E 1	NE 3	2	8	16.5
23	56.12	56.02	24.8	27.6	97	84	E 2	E 2	10	10	36.9
24	56.07	55.83	27	29.4	84	72	ESE 2	ESE 2	6	6	23.4
25	56.17	56.68	24.6	28.2	95	79	E 1	SE 2	10	10	5.6
26	56.77	56.50	25	29.2	93	71	Calm	E 2	6	6	2.5
27	57.27	57.10	25	28.2	92	80	SE 1	E 2	8	10	5.6
28	57.10	55.43	26.4	30	89	78	E 1	E 2	6	6	.....
29	56.10	55.53	26	27.8	89	83	NE 1	NE 2	4	6	.....
30	56.10	55.28	26.4	29.2	86	74	NE 1	ENE 2	4	8	10.7
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.36	57.74	26.1	29.3	87.4	75.3	1	1.8	5	6.4	.....
Total											177.2

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.70	56.90	27	28	84	74	NE 1	NE 2	8	8	12.7
2	57.07	56.43	26.6	29.6	87	74	E 1	ESE 2	6	6	.....
3	56.80	55.80	25	30	93	70	E 1	E 2	4	4	2.5
4	56.15	55.30	24.6	30.2	93	77	Calm	Calm	4	4	.....
5	54.10	53.17	26.6	27.2	87	86	Calm	N 1	8	10	59.7
6	41.89	45.76	26.2 [a]	94	[a]	NW 9	S 10	10	10	266.7	
7	53.14	54.32	.....	.....	.....	.....	SE 1	SE 2	10	10	111.8
8	57.29	58.12	.....	.....	.....	.....	S 3	SSE 1	10	10	30.5
9	60.12	58.62	.....	.....	.....	.....	S 2	SW 1	10	6	10.7
10	59.57	58.45	.....	.....	.....	.....	SE 1	NW 2	8	4	.....
11	59.05	58.80	.....	.....	.....	.....	NNW 1	N 2	6	8	.....
12	58.68	57.35	.....	.....	.....	.....	NNE 2	NE 2	6	6	.....
13	56.98	55.95	.....	.....	.....	.....	NE 2	N 2	10	10	.....
14	57.07	.....	.....	.....	.....	.....	SW 2	.....	6	....	15.2
15	57.45	57.43	.....	.....	.....	.....	W 2	SW 2	6	6	.....
16	57.57	56.93	.....	.....	.....	.....	W 2	SW 2	4	6	.....
17	57.52	56.52	.....	.....	.....	.....	NW 1	NW 2	4	10	86.4
18	56.07	55.18	.....	.....	.....	.....	NW 1	N 2	8	6	11.4
19	55.57	55.08	.....	.....	.....	.....	WSW 2	WSW 2	10	10	.....
20	55.30	54.33	.....	.....	.....	.....	W 2	W 3	10	6	.....
21	54.17	53.28	.....	.....	.....	.....	WSW 3	SW 2	10	10	10.2
22	52.95	52.83	.....	.....	.....	.....	SW 2	SW 2	10	8	.....
23	54.80	55.88	.....	.....	.....	.....	SW 2	SW 2	8	10	20.3
24	57.07	57.78	.....	.....	.....	.....	S 2	S 2	10	10	14
25	58.70	58.77	.....	.....	.....	.....	S 1	SE 1	10	10	15.7
26	59.20	58.57	.....	.....	.....	.....	Calm	Calm	10	10	2.5
27	59.07	58.33	.....	.....	.....	.....	NW 1	NW 1	8	6	5.1
28	58.77	58.25	.....	.....	.....	.....	NW 1	N 2	6	4	.....
29	58.30	57.10	.....	.....	.....	.....	Calm	SE 1	0	6	3.8
30	58.10	57.23	.....	.....	.....	.....	Calm	NE 1	6	4	1.3
31	57.65	56.18	.....	.....	.....	.....	Calm	NW 2	4	4	.....
Mean	56.54	56.15	.....	.....	.....	.....	1.5	1.9	7.4	7.2	.....
Total											680.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	.....	.....	.....	.....	SW 1	W 3	8	8	22.9
2	.....	.....	.....	.....	.....	.....	SW 4	SW 4	10	10	15.2
3	.....	.....	.....	.....	.....	.....	SW 3	S 3	10	8	7.6
4	.....	.....	.....	.....	.....	.....	SW 3	SW 3	6	6	8.1
5	.....	.....	.....	.....	.....	.....	SW 2	SW 2	8	8	.....
6	.....	.....	.....	.....	.....	.....	S 1	SW 1	4	2	.....
7	.....	.....	.....	.....	.....	.....	S 1	SE 1	2	4	.....
8	.....	.....	.....	.....	.....	.....	E 1	Calm 2		8	19.3
9	.....	.....	.....	.....	.....	.....	Calm	NE 1	4	6	.....
10	.....	.....	.....	.....	.....	.....	NE 1	Calm 4		4	.....
11	.....	.....	.....	.....	.....	.....	Calm	NE 1	2	6	.....
12	.....	.....	.....	.....	.....	.....	Calm	SW 2	4	8	.....
13	.....	.....	.....	.....	.....	.....	S 1	ENE 2	6	8	.....
14	.....	.....	.....	.....	.....	.....	Calm	ESE 2	6	10	11.4
15	.....	.....	.....	.....	.....	.....	ESE 1	SE 2	6	4	.....
16	.....	.....	.....	.....	.....	.....	Calm	N 1	2	6	.....
17	.....	.....	.....	.....	.....	.....	Calm	NE 2	6	10	19
18	.....	.....	.....	.....	.....	.....	ENE 1	E 2	4	10	21.6
19	.....	.....	.....	.....	.....	.....	ESE 1	Calm	8	6	.....
20	.....	.....	.....	.....	.....	.....	Calm	E 1	4	10	.....
21	.....	.....	.....	.....	.....	.....	Calm	E 1	8	6	19
22	.....	.....	.....	.....	.....	.....	E 1	E 2	10	10	.....
23	.....	.....	.....	.....	.....	.....	ENE 1	E 2	6	6	.....
24	.....	.....	.....	.....	.....	.....	ENE 2	E 2	4	6	.....
25	.....	.....	.....	.....	.....	.....	Calm	N 1	4	4	6.4
26	.....	.....	.....	.....	.....	.....	NW 1	WSW 1	6	4	.....
27	.....	.....	.....	.....	.....	.....	S 1	S 2	6	10	25.4
28	.....	.....	.....	.....	.....	.....	SW 2	S 1	10	10	.....
29	.....	.....	.....	.....	.....	.....	SW 1	W 1	6	8	17.8
30	.....	.....	.....	.....	.....	.....	W 1	W 1	10	10	12.7
31	.....	.....	.....	.....	.....	.....	SW 1	SW 4	4	6	10.2
Mean	.....	.....	.....	.....	.....	.....	1	1.6	5.8	7.2	.....
Total											216.6

[a] The thermometer shelter was blown down by the typhoon of July 6.

SUMAY, GUAM.

[$\phi = 13°\ 24'$ N; $\lambda = 144°\ 38'$ E; barometer above sea, 20.4 meters; gravity correction not applied, −1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.98	55.83	26.8	29.2	86	75	SW 2	SW 3	6	4	2.5
2	57.38	56.48	27	29.6	81	78	SW 1	SW 2	4	6	22.9
3	56.85	56.90	25.4	24.6	93	95	W 1	SW 1	10	10	40.6
4	55.95	56.67	27	25	89	98	SW 1	W 3	10	10	35.6
5	56.48	56.13	26.6	29.6	87	75	W 2	WNW 2	10	6	29.9
6	56.98	55.40	25.2	29	95	81	W 2	W 2	10	8	12.2
7	56.53	55.63	26.2	29	95	79	NW 2	W 2	10	10	27.9
8	56.43	56.15	27	30	89	78	W 2	SW 2	10	10	2
9	57.95	58.45	27.4	26.6	89	89	SW 2	SW 2	10	10	3.8
10	59.48	58.83	27.6	29.6	84	79	SW 2	SW 2	10	6	.....
11	60.08	59	27	29.8	90	77	SW 1	SW 2	6	6	38.1
12	59.62	59.05	24.2	24.4	98	97	NNW 3	N 2	10	10	102.9
13	58.15	57.60	25	30	95	69	NE 2	SE 2	6	6	4.3
14	58.57	57.83	26.2	29.4	87	78	S 1	S 2	6	6	.....
15	59.55	59.23	26.4	29.8	86	71	S 2	SSW 2	4	4	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.73	57.28	26.3	28.4	89.6	81.3	1.7	2.1	8.1	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	55.95	55.65	26.4	27.4	92	92	NW 1	N 2	10	10	142.2
17	55.62	53.47	25.4	28.4	97	80	NE 2	NE 6	10	8	3.8
18	53.60	52.78	26.8	30.4	90	73	ENE 2	SE 2	6	4	6.4
19	54.90	55.60	25.6	26.8	95	83	SSE 2	SSE 2	10	10	7.6
20	57.75	58.07	26.4	26.4	89	94	SSE 2	SSE 1	10	10	25.4
21	60.37	59.17	24.6	26.6	95	86	SW 1	E 1	8	6	15.2
22	60.30	58.58	25.4	29	88	76	NE 2	NE 2	0	4	.....
23	59.70	58.90	25.4	28.8	88	69	NE 1	NE 2	4	6	.....
24	60.10	59.02	23.8	27.6	95	83	Calm	NE 1	10	10	.....
25	59.87	59.03	25.8	30	88	77	E 1	E 2	6	6	.....
26	61.23	59.63	25.2	27.6	87	89	NE 1	NE 2	4	6	.....
27	61.05	58.80	26.4	30.6	86	81	NE 1	NE 2	4	6	.....
28	60.28	58.82	26.6	25.6	95	84	NE 2	NE 5	8	8	6.4
29	59.77	57.40	25.8	28.8	84	71	NE 3	NE 2	6	6	2.5
30	58.90	57.45	26	28.6	89	82	NE 2	NE 2	4	6	.....
31	58.97	57.55	25.8	28.4	87	75	NE 2	NE 2	2	6	3.8
Mean	58.65	57.50	25.7	28.2	90.3	80.9	1.6	2.2	6.4	7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.07	56.95	26.4	28	84	79	NE 4	NE 3	10	10	3.8
2	57.97	56.58	25.6	30	92	71	NE 2	E 2	6	6	.....
3	58.67	57.83	25	29.6	85	71	NE 1	NE 2	2	4	.....
4	59.07	57.83	26.4	28.8	90	80	NE 1	NE 4	4	8	5.1
5	59.07	57.73	26	29	92	78	NE 2	NE 3	8	6	.....
6	59.07	57.70	26.4	29.2	89	76	NE 1	NE 3	4	6	.....
7	59.10	57.83	26	28.4	92	82	NE 1	NE 3	4	6	.....
8	59.07	57.53	26.6	29	87	78	NE 3	NE 3	8	6	.....
9	59.10	57.85	26.2	28.8	90	79	NE 2	NE 3	8	8	5.1
10	58.57	57.23	26.4	29.4	86	72	NE 2	NE 2	6	6	2.5
11	58.67	56.85	26	28.8	87	71	NE 3	NE 4	8	8	.....
12	59.20	56.43	25.6	28.6	87	76	NE 5	NE 5	10	10	5.1
13	58.20	57.07	25.4	26	85	87	NE 4	NE 3	10	6	.....
14	58.07	56.55	26.8	28.4	81	77	NE 5	NE 4	8	8	5.1
15	56.77	55.75	26.4	26	92	87	NE 5	S 2	10	10	16.5
16	56.07	55.82	25	28.6	95	80	NE 2	ESE 2	10	8	5.1
17	56.72	55.95	23.8	28.8	98	82	S 1	NE 2	4	6	.....
18	57.97	56.93	24.2	28.4	97	83	SW 1	SW 2	1	8	.....
19	59.07	58.20	23.2	29.6	98	79	E 1	NE 2	2	6	2.5
20	60.07	58.95	25.6	29	93	82	NE 2	NE 2	4	6	.....
21	59.85	58.63	25	29.4	93	76	NE 1	NE 2	6	6	.....
22	58.82	57.83	24.8	29.4	97	76	ESE 1	E 2	6	6	.....
23	59.27	58.02	25	27	87	87	NE 1	E 2	2	8	11.4
24	59.10	58.38	24.4	29.6	93	72	SE 1	E 2	2	6	1.3
25	59.85	58.53	25.4	29.8	93	75	NE 1	NE 2	2	6	.....
26	59.77	58.83	26	29.4	94	72	NE 1	NE 2	4	6	6.4
27	59.75	58.35	25.8	28.6	92	78	NE 2	NE 5	8	6	.....
28	59.57	57.83	25.8	28.4	84	79	NE 3	NE 4	6	6	.....
29	58.92	57.97	24	26.8	95	89	E 5	E 4	10	10	20.3
30	58.57	57.90	25.8	24.8	93	92	ENE 2	SE 2	8	10	26.7
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.73	57.53	25.5	28.5	90.7	78.9	2.2	2.8	6	7.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	116.9

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.35	58.20	24.8	29.4	83	70	E 2	E 2	6	4	.....
2	59.50	57.73	25.4	29.8	95	77	ENE 2	E 2	4	6	.....
3	58.77	57.93	25.4	29	95	82	E 1	NE 2	6	6	.....
4	58.10	57.25	26	28.6	94	85	NE 2	NE 2	6	8	.....
5	59.57	57.93	25.4	28.4	93	82	E 1	NE 3	2	4	.....
6	59.67	58.25	25.4	28.4	95	83	NE 2	NE 3	3	6	.....
7	59.07	57.73	25.4	28.2	92	77	NE 2	NE 3	6	6	.....
8	59.77	57.73	25.8	27.8	92	83	NE 2	NE 3	6	8	.....
9	58.17	57.25	25	28.2	93	79	NE 1	NE 3	8	8	.....
10	59.97	57.45	25.4	28.2	92	79	NE 2	NE 5	8	8	.....
11	59.37	57.33	25.8	28.6	88	78	NE 2	NE 4	6	4	.....
12	58.90	57.05	25.4	28.8	88	76	NE 2	NE 4	4	4	.....
13	59.35	57.83	25	28.4	87	85	NE 2	NE 4	2	6	.....
14	59.15	57.48	25.4	27.6	95	87	NE 1	NE 4	4	8	6.4
15	58.67	57.48	25.2	27.6	90	90	NE 1	NE 3	8	8	.....
16	58.37	57.48	25.6	27.4	90	91	NE 2	NE 4	8	8	6.4
17	58.60	57.60	26.2	26.6	92	90	NE 2	NE 3	8	10	2.5
18	58.55	57.53	25.6	28.4	93	76	NE 2	NE 5	8	6	.....
19	58.77	57.20	25.4	28.2	93	85	NE 4	NE 6	6	8	5.1
20	58.55	57.52	26.4	27.4	86	84	NE 5	NE 5	8	8	4.5
21	59.20	57.93	25	29.4	93	79	NE 2	NE 2	6	6	14
22	59.67	58.68	25.4	27.4	93	91	NE 2	NE 2	6	8	.....
23	60.22	58.38	24.2	28	93	80	NE 1	NE 2	6	4	3.8
24	60.12	58.02	24.2	27.4	93	81	NE 1	NE 3	2	4	.....
25	58.72	56.10	24.8	26.4	88	94	NE 2	NE 2	8	10	7.6
26	57.45	56.95	26.4	28.6	92	85	SE 3	SE 4	10	8	.....
27	60.25	59.43	25.4	28.6	92	82	ENE 2	ENE 3	6	8	.....
28	60.57	58.95	25.2	28.6	90	80	NE 1	NE 4	4	6	.....
29	60.10	59.07	25	26.8	93	89	NE 1	ENE 2	8	8	6.4
30	59.72	58.88	24	27.8	98	82	NE 2	ENE 3	10	6	2.5
31	59.40	59.50	25.4	28.8	95	89	ENE 2	E 2	10	4	.....
Mean	59.21	57.87	25.3	28.2	91.8	83	1.9	3.2	6.2	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	59.2

NOTE: The observations from September 16 to October 15 were lost with the wreck of the "Dumaru."

CALAPAN.

[$\phi = 13° 25'$ N; $\lambda = 121° 11'$ E; barometer above sea, 5.05 meters; gravity correction not applied, −1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.63	59	22.2	27.4	96	70	Calm	NE 1	10	10	1
2	61.12	60.15	24	27.4	91	74	Calm	NE 2	10	10	.....
3	61.90	60.59	24.5	27.5	82	77	NE 1	NE 1	10	10	.8
4	61.96	60.86	24.5	25.5	87	80	NE 1	NE 2	10	10	1
5	62.31	60.76	24	25.5	85	75	NE	NE 3	10	10	9.4
6	61.61	60.52	22.8	24	91	77	NE 1	NE 3	10	10	16
7	61.86	60.20	21.7	24.4	96	80	NE 1	NE 2	10	10	47
8	62.95	62.07	22.5	22.7	87	82	NE	NE 3	10	10	20.8
9	63.49	62.15	20.5	22.8	82	76	NE	NE 2	10	10	25.4
10	63.09	61.42	21	25.5	82	67	NE	NE 2	10	10	22.9
11	62.67	60.70	22.5	25.9	90	78	Calm	NE	10	10	2.8
12	61.65	60.05	23.8	27	89	77	NE 1	NE 1	10	10	.3
13	60.50	59.48	24	26	90	77	NE 1	NE 2	10	10	.....
14	60.42	60.10	23.5	25.1	87	80	Calm	NE 2	10	10	1.5
15	61.78	61.92	23.6	25.4	81	77	NE	NE 2	10	10	2.3
16	62.35	60.69	23	24.5	83	71	NE 1	NE 2	10	10	.....
17	61.63	60	20.9	24.5	92	73	NE 1	NE 3	10	10	1.3
18	61.65	59.78	21.7	23	94	93	Calm	E	10	10	2.8
19	60.60	58.97	23.4	26.4	92	77	Calm	E	10	10	.....
20	61.11	59.28	24.2	26.3	82	74	ENE 1	E	10	10	.....
21	61.85	59.80	23.2	25	77	68	NE	NE 1	10	10	.8
22	61.55	60.67	23?	26	76?	....	NE	NE 2	10	10	.....
23	61.27	59.80	22.4	25	67	64	NE	NE 2	10	10	5.3
24	61	58.84	21.5	24.5	92	79	Calm	NE	10	10	3.3
25	59.88	59.42	21.8	24.5	93	68	E	E 1	10	10	8.9
26	61.73	60.28	20.3	24.4	93	70	Calm	NE	10	10	11.6
27	60.95	60.02	23?	23.9	74?	73	NE	NE 1	10	10	.8
28	60.47	.....	22.3	....	80	....	NE	1	10	.....	.....
29	.....	58.98	....	26.1	....	61	.....	E 1	....	10	5.3
30	59.78	58.66	20.7	27.8	88	69	Calm	E	10	10	.....
31	60.12	59.32	23	24.8	87	81	NE	NE 1	10	10	4
Mean	61.46	60.15	22.6	25.3	86.2	74.8	0.9	1.6	10	10	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	195.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.62	60.72	23.3	23	82	87	NE 1	NE 1	10	10	2
2	61.82	59.53	22.6	26.4	90	76	Calm	Calm	10	10	.3
3	60.60	58.35	24	28.2	90	76	Calm	NE 1	10	8	4.1
4	59.67	57.56	24.2	28.5	94	73	Calm	E 1	10	6	2
5	59.19	57.80	21.6	27.1	95	79	Calm	E 1	8	10	.....
6	58.63	57.01	21.4	28.5	96	72	Calm	NW 1	9	6	.....
7	58.93	58	24	26.4	79	68	Calm	NE 1	10	7	.....
8	60.85	59.96	23.5	25	83	72	Calm	NE 2	10	10	5.1
9	61.85	60.75	22.6	23.5	83	88	Calm	NE 1	10	10	4.6
10	61.22	60.82	23	23.7	83	81	NE 1	NE 3	10	10	.....
11	61.91	60.35	22.5	21.9	82	93	NE 1	Calm	10	10	5.3
12	60.42	59.82	23.5	23.1	94	99	NE 1	NE 3	10	10	9.7
13	60.39	59.24	24	27	90	78	NE 2	E 2	10	10	.....
14	60.22	58.16	22.5	28	96	67	Calm	E 2	10	7	.....
15	59.61	57.99	22.8	28.5	97	68	Calm	E 1	8	4	.....
16	61.27	61.12	23.3	24.5	93	82	Calm	NE 2	10	10	.....
17	62.77	61.70	23.5	25.5	79	72	NE 2	NE 2	10	10	.....
18	62.77	61.35	22.6	23.6	78	70	NE 1	NE 2	10	10	3.8
19	62.47	61.85	21.3	23.3	85	72	NE 1	NE 2	10	10	3.8
20	63.31	61.32	22	23.7	75	73	NE 1	NE 2	10	10	1.8
21	63.08	61.56	20.2	25.8	93	64	Calm	E	10	10	1
22	62.69	61.96	19	22	95	87	Calm	E 1	7	10	12.9
23	63.78	62.10	22.1	26	93	58	Calm	NE 2	8	8	.....
24	64.15	62.70	22.3	24	72	71	NE 1	E 2	10	10	5.8
25	63.41	62.14	21.4	24.5	96	83	E 1	NE 1	10	10	14.3
26	62.35	60.98	23.5	27.7	92	72	NE 1	E 2	10	8	1
27	63.35	61.71	21.8	28	93	63	Calm	E 1	8	8	.....
28	62.32	60.61	23	27.9	90	61	Calm	NE 2	8	3	.....
Mean	61.59	60.26	22.6	25.5	88.1	75.2	0.5	1.5	9.5	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	77.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	62.15	60.51	21.5	29	91	60	Calm	E 1	8	6	4.1
2	63.14	62.36	23	26.5	87	64	Calm	E 1	8	10	4.3
3	63.78	63	22	27	95	66	Calm	E 2	10	10	.....
4	63.85	61.96	23.1	27.1	88	72	E 1	NE 2	10	9	.3
5	62.72	61.24	22.7	29	94	92	Calm	E 1	10	10	.8
6	62.31	61	24.1	27.8	82	69	Calm	NE 2	10	7	2.3
7	61.99	60.34	22.5	28.5	96	64	Calm	NE 1	10	8	3
8	60.82	59.34	23.8	25	81	83	Calm	Calm	10	10	2.8
9	59.62	57.50	23.7	27	90	77	E 1	Calm	10	10	4.6
10	59.45	58.09	23.5	25.8	94	81	Calm	NE 1	10	10	.8
11	59.97	58.79	24.1	27.5	91	70	Calm	NE 1	10	10	.....
12	59.94	58.56	23.7	27.5	84	69	Calm	NE 2	10	8	.8
13	59.24	58.06	22.5	28	96	67	Calm	E 1	10	7	.....
14	59.76	58.15	22.8	28.2	91	72	Calm	NE 1	6	7	.....
15	59.75	58.71	21.9	28	88	70	Calm	NW 1	8	4	55.1
16	61.11	59.84	22.5	26.6	96	76	Calm	E 1	10	7	3.6
17	61.77	60.90	22.2	27.7	94	67	Calm	E 1	10	7	.....
18	62.78	61.21	23.8	28.1	81	63	E 1	E 2	10	7	.....
19	62.68	60.89	23	28.3	87	58	Calm	ESE 2	4	2	.....
20	61.51	59.99	20.5	27	92	56	Calm	NE 2	5	2	.....
21	60.64	58.73	20.5	27.8	89	62	Calm	NE 2	6	2	.....
22	60.63	58.91	20.5	28.1	85	63	Calm	E 2	4	2	.....
23	60.89	58.76	20.5	26.5	89	66	Calm	E 2	7	2	.....
24	58.83	57.87	22	30	91	60	Calm	E 1	10	4	.....
25	59.60	57.99	24	29.4	97	73	Calm	E 1	3	9	.....
26	59.78	58.48	22.2	29	90	78	Calm	NE 2	3	3	.....
27	60.27	59.18	25.5	30	89	62	Calm	E 1	7	3	.....
28	60.75	59.29	23.4	29	92	65	Calm	E 1	9	10	.....
29	60.14	59.30	25.4	28.5	80	70	NE 1	E 1	10	4	.....
30	60.32	58.69	23	29.5	90	64	Calm	E 1	10	3	.....
31	60.61	59.05	25.5	29	80	69	Calm	E 1	10	8	.5
Mean	60.99	59.57	22.9	27.9	89.4	68.6	0.1	1.3	8.3	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.80	59.19	24.5	29	81	71	Calm	E 2	10	3	4.3
2	60.37	58.59	22.8	30	97	62	Calm	E 1	10	3	13.7
3	59.58	58.26	23.5	29.6	96	61	Calm	E 2	10	3	.....
4	60.11	58.76	22.5	29.2	87	60	Calm	E 2	4	4	.....
5	60	58.79	22	30.4	91	56	Calm	E 2	8	3	.....
6	59.53	57.39	22.5	29.4	87	66	Calm	E 2	10	3	1.5
7	58.94	56.39	24	30.5	91	59	Calm	E 1	10	4	.8
8	58.60	57.18	22	30.6	92	50	Calm	NE 2	8	2	.....
9	58.94	57.58	22.3	31.5	93	58	Calm	NE 1	8	3	.....
10	59.38	57.56	22.2	31.5	89	60	Calm	E 1	10	4	.....
11	59.39	57.46	21.5	31	91	59	Calm	NE 2	7	10	.....
12	58.45	56.13	21.8	30.2	88	55	Calm	NE 1	10	10	.....
13	56.71	54.99	21.2	28.2	91	76	Calm	NW 2	10	10	.....
14	57.29	55.43	22.2	30	94	71	Calm	NW 2	8	9	.....
15	58.15	57.46	25	27.3	93	78	NE 1	NE 1	10	10	37.8
16	59.32	57.79	23.5	30	96	65	Calm	NE 2	10	4	.5
17	59.87	58.75	24.2	30.2	91	59	Calm	NE 1	10	3	.....
18	60.94	59.85	25	30.5	83	53	Calm	E 2	10	3	.....
19	61.64	60.21	24.1	30	87	64	Calm	E 2	8	3	.....
20	61.76	59.91	23.3	30	87	59	Calm	E 2	9	3	.....
21	60.81	59.38	24	30.5	88	56	Calm	NE 1	10	2	.....
22	59.78	58.03	23	30.5	91	62	Calm	NE 1	8	7	23.4
23	60.06	58.64	23.5	31.5	96	55	Calm	E 1	7	4	2.3
24	60.40	59.64	25	29.4	96	72	Calm	NE 2	8	7	2.3
25	61.25	59.54	25	29.6	96	72	Calm	E 2	10	7	.....
26	59.66	57.86	24.8	31	93	65	Calm	E 2	10	9	13.5
27	58.40	56.78	23.1	28.2	97	77	Calm	NE 1	10	8	3.8
28	58.27	56.68	24.8	28.5	89	70	Calm	NE 1	10	8	.....
29	59.30	58.26	22.5	29.3	94	70	Calm	NE 2	10	4	.....
30	59.62	58.66	24.5	31	87	59	Calm	NE 1	8	4	.....
Mean	59.58	58.04	23.3	30	91.1	63.3	0	1.6	9	5.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103.9

NOTE: The barometric readings of this station are too high by about 0.50 mm.

CALAPAN.

[$\phi = 13°\ 25'$ N; $\lambda = 121°\ 11'$ E; barometer above sea, 5.05 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.13	58.36	25.7	31	86	62	Calm	NE 1	8	4	3.8
2	58.78	57.40	23.5	31.5	96	61	Calm	E 1	10	8	.....
3	58.53	56.76	25.5	31	92	59	E 1	E 1	8	3	.....
4	59.26	58.16	24	30.6	93	62	Calm	E 2	8	4	43.2
5	59.78	57.60	23.4	31.5	95	63	Calm	NE 1	10	3	.....
6	59.13	57.09	25	31	96	62	Calm	NE 2	4	4	.....
7	58.47	56.25	26.5	31	88	62	Calm	ENE 2	8	4	3.8
8	57.48	56.14	25	29.5	94	71	Calm	E 2	10	9	.....
9	57.28	55.69	24.3	28.5	91	81	Calm	E 1	10	9	.....
10	57.78	57.76	24.5	28	89	83	Calm	E 1	7	10	.....
11	58.89	57.30	23.3	33	93	52	Calm	E 1	10	4	.....
12	58.53	57.84	25	31	96	64	Calm	NE 1	10	9	.3
13	58.44	57.69	26	31.8	92	62	NE 1	NE 1	10	9	59.7
14	59.72	58.98	24.5	29.5	96	75	Calm	NE 1	10	10	10.4
15	60.20	58.76	25	29.8	96	69	Calm	NE 1	10	5	31.2
16	59.32	56.89	23.8	31.5	95	54	Calm	NE 1	10	4	.5
17	57.74	56.66	24.4	31	92	65	Calm	E 2	10	8	3.8
18	57.66	56.66	24.5	32	96	63	Calm	E 2	10	10	5.6
19	58.38	56.54	24	32.5	97	58	Calm	E 2	10	4	.5
20	58.43	56.54	24.5	33	93	58	Calm	E 1	10	4	.....
21	58.01	56.64	25.5	31.6	92	64	Calm	E 1	7	3	.....
22	58.47	57.18	23.1	31.5	95	54	Calm	E 2	3	3	.....
23	58.80	56.58	24.5	30.8	92	67	Calm	NW 2	3	3	.....
24	57.97	56.04	24	30.9	96	70	Calm	NW 2	7	3	.....
25	57.18	56.04	25	31	92	69	Calm	NW 2	4	6	.....
26	57.64	57.04	25	32.5	92	66	Calm	Calm	6	8	.....
27	58.57	57.54	24.5	30.6	96	71	Calm	W 1	8	9	.....
28	58.80	57.15	23.5	30	91	76	Calm	NW 2	10	10	.....
29	58.47	57.17	24.5	33.5	96	62	Calm	NE 1	2	6	.....
30	59.43	57.45	23.6	32	91	65	Calm	NE 1	8	9	55.1
31	59.27	57.64	23.5	31.6	96	64	Calm	NE 1	10	4	22.9
Mean	58.57	57.15	24.5	31.1	93.4	65	0.1	1.4	8.1	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240.8

JUNE.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.77	58.66	23.5	30	96	73	Calm	NE 1	8	10	30.7
2	59.68	58.24	23.6	30.6	97	72	Calm	E 1	8	10	6.9
3	58.90	56.66	23.5	30.8	96	64	Calm	E 1	10	7	2
4	58.42	56.18	24	31	96	67	Calm	E 1	10	7	.3
5	57.18	55.67	24	30.4	96	69	Calm	NE 1	9	9	41.9
6	56.31	54.91	24	28.2	97	77	Calm	E 1	10	10	8.8
7	56.37	55.75	23.5	28.1	94	82	Calm	E 1	10	10	13.2
8	57.92	58.11	24	31	92	68	Calm	Calm	10	10	.....
9	59.40	58.71	23.8	29.2	93	76	Calm	W 1	8	10	.....
10	58.67	57.58	24	29.7	96	76	Calm	NW 2	10	10	1.8
11	57.85	57.33	23.2	25	94	80	Calm	NW 2	10	10	32.2
12	58.13	57.40	23.5	26.8	96	91	Calm	Calm	10	10	22.1
13	58.40	57.91	23.7	25	95	93	Calm	Calm	10	10	23.4
14	59.40	57.73	23.5	30	94	76	Calm	NW 2	10	10	.....
15	59.29	57.76	24	31.5	87	66	Calm	NE 1	10	9	.....
16	60.05	58.04	24.5	30.2	92	67	Calm	E 1	10	8	.....
17	59.55	57.93	23.5	30	91	72	Calm	NE 1	10	10	.....
18	59.22	57.66	24.5	31.8	90	66	Calm	E 1	10	8	13.2
19	59.53	58.25	25	32.2	92	68	Calm	E 2	10	9	8.9
20	59.33	58.45	24	30.5	96	71	Calm	E 2	10	8	14.8
21	59.18	57.46	24	30.8	97	65	Calm	NE 1	10	10	18.3
22	58.78	57.41	23.5	28.3	96	74	Calm	Calm	10	10	2.5
23	57.88	56.67	24	31.5	92	62	Calm	NE 1	10	10	.....
24	58.49	55.86	24	31	96	67	Calm	E 2	6	7	.....
25	57.40	55.69	23	31.5	90	63	Calm	Calm	10	10	.....
26	54.88	55.28	23	29	95	74	Calm	Calm	10	10	7.9
27	53.18	51.48	25	27.6	87	76	Calm	NW 2	10	10	15.8
28	49.38	47.89	25	26	97	85	W 1	NE 1	10	10	62.7
29	48.32	49.20	24	26	96	87	Calm	Calm	10	10	12.2
30	53.22	54.44	23	27.5	97	82	Calm	NW 1	10	10	2.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.47	56.34	23.9	29.4	94.1	73.6	0	1	9.6	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	336.9

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.28	56.91	24	32	97	67	Calm	E 1	10	9	.....
2	58.78	57.36	23	30.5	92	74	Calm	NW 1	8	4	.....
3	58.28	56.46	23.5	30	96	77	Calm	NW 3	4	7	.....
4	57.14	54.81	24	29	96	74	Calm	NW 3	10	10	0.3
5	54.93	54 07	24	30	97	72	Calm	W 1	10	10	21.6
6	54	53.91	25	28.2	92	77	W 3	NW 3	10	10	7.6
7	55.29	55.41	23	28	96	82	Calm	Calm	8	10	15
8	57.18	56.53	24.5	28.1	92	76	Calm	NW 1	10	10	4.9
9	55.38	54.93	24	27.5	92	84	Calm	Calm	10	10	1.8
10	54.55	54.06	23.7	29	98	81	Calm	NE 1	10	10	6.1
11	54.39	54.50	24	29.2	97	73	Calm	NE 1	10	10	.....
12	55.82	55.96	24	31.8	90	56	Calm	W 1	10	9	.....
13	56.68	55.54	24	31.5	93	67	Calm	NW 1	7	7	.....
14	56.41	55.07	24.5	32	96	63	Calm	W 1	10	10	.....
15	55.99	55.08	24.5	30.8	92	76	Calm	NW 1	7	10	.....
16	56.29	56.06	23.6	31.5	95	63	Calm	NE 1	10	10	.....
17	57.16	56.54	24.5	31.6	87	59	Calm	NE 1	10	9	.....
18	57.68	56.64	23.2	31.7	94	65	Calm	NE 1	10	10	.....
19	57.43	56.64	23.5	31.2	96	66	Calm	E 2	10	8	.....
20	57.47	56.53	23.2	32.5	92	58	Calm	NE 1	10	7	.....
21	57.88	56.05	23	32	93	64	Calm	NW 1	.8	9	.....
22	56.27	54.42	23.5	29	91	78	Calm	NW 1	9	10	.....
23	55.26	54.72	23.5	30.5	91	68	Calm	NW 3	8	8	.....
24	55.38	54.40	23.8	30	89	75	Calm	NW 4	10	8	.....
25	55.38	54.86	24	31.5	96	75	Calm	NW 2	10	10	.5
26	56.06	55.40	25	28.8	96	77	W 3	W 2	10	10	.3
27	56.78	55.06	24.4	30	89	68	Calm	Calm	10	10	1.3
28	55.15	55.07	24	26.5	95	85	Calm	Calm	10	10	11.2
29	56.08	56.32	23.8	29.1	94	74	Calm	Calm	10	10	.....
30	57.58	57.92	23.4	23.5	97	96	Calm	W 1	10	10	45.7
31	59.40	58.73	22	30	96	75	Calm	E 1	10	10	3.8
Mean	56.39	55.68	23.8	29.9	93.8	72.4	0.2	1.3	9.3	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120.1

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.02	58.34	23	30.2	91	70	Calm	NE 1	10	10	.....
2	59.15	58.58	22	30.5	96	62	Calm	Calm	6	10	.....
3	59.08	58.16	22	32	91	57	Calm	Calm	7	8	.....
4	59.80	58.26	22.5	31.5	91	66	Calm	NW 1	4	3	.....
5	59.13	58.18	23	30	94	71	Calm	NW 2	3	9	.....
6	59.05	57.69	22.3	29.2	97	73	Calm	NW 3	10	8	.....
7	58.40	57.41	22.5	30.5	96	72	Calm	WNW 3	5	7	.....
8	58.60	57.21	23	29.7	96	75	Calm	NW 4	6	7	.....
9	58.70	57.07	23.5	28.6	96	80	Calm	NW 3	9	10	.....
10	57.06	56.62	26	27.5	88	84	WNW 2	WNW 4	10	10	4.1
11	56.53	56.14	23.5	26	96	84	Calm	Calm	10	10	5.1
12	55.59	55.28	23.5	26	97	85	NW 2	Calm	10	10	17.2
13	56.60	56.18	23	25	96	92	Calm	Calm	10	10	21.8
14	57.10?	57.02	23	27.8	96	79	Calm	Calm	10	10	.....
15	58.91	58	22.8	30.5	94	71	Calm	NW 1	10	10	.....
16	59.70	58.39	23	30.1	92	71	Calm	NW 1	10	8	.5
17	59.55	57.84	26	31.5	92	66	NW 2	Calm	10	10	.3
18	58.08	56.41	23.5	27.8	96	79	Calm	WNW 4	10	10	.....
19	57	56.10	23	29	91	74	Calm	NW 2	8	10	.....
20	57.27	56.95	23.5	28.5	96	74	W 1	NW 3	8	10	.....
21	57.70	57.51	22.8	25.8	95	89	Calm	W 1	10	10	4.4
22	58.43	57.55	23	29	96	74	Calm	NW 2	10	10	.....
23	57.49	56.71	23	26.5	95	90	Calm	Calm	9	10	4
24	56.13	54.90	23	28	97	81	Calm	NW 1	10	10	.8
25	55.30?	54.91	23.5	27.5	97	84	Calm	Calm	10	10	19
26	57.20	56.83	23	27.4	97	81	Calm	W 2	10	10	8.1
27	57.45	56.35	22.5	29	96	78	Calm	NW 3	10	10	.....
28	56.98	56.48	24	25	96	96	Calm	W 1	10	10	13
29	57.64	56.91	24	29	97	71	Calm	NE 1	10	10	.....
30	58.08	57.38	24	31.5	96	67	Calm	NW 1	10	10	.5
31	57.88	57.52	23	26	96	85	Calm	NW 3	10	10	.6
Mean	57.92	57.06	23.2	28.6	94.8	76.8	0.2	1.5	8.4	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	99.4

CALAPAN.

[$\phi = 13° 25'$ N; $\lambda = 121° 11'$ E; barometer above sea, 5.05 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+[a] 6 a. m.	Pressure, 700 mm.+[a] 2 p. m.	Temperature.[a] 6 a. m.	Temperature.[a] 2 p. m.	Relative humidity.[a] 6 a. m.	Relative humidity.[a] 2 p. m.	Wind, direction and force (0-12).[a] 6 a. m.	Wind, direction and force (0-12).[a] 2 p. m.	Cloudiness.[a] 6 a. m.	Cloudiness.[a] 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.80	57.45	23.5	28.5	94	78	Calm	Calm	10	10	.....
2	58.68	57.29	23.9	29.5	94	73	Calm	NW 2	10	10	.....
3	57.74	56.45	24	28.4	96	80	Calm	W 2	10	10	1.3
4	56.78	55.28	24	25.6	96	92	Calm	WNW 1	10	10	71.9
5	54.22	51.55	23.6	26.1	99	91	Calm	Calm	10	10	47
6	55.39	54.54	23.3	28.2	97	80	Calm	WNW 2	10	10	2.8
7	55.78	55.16	23.4	27.7	97	87	Calm	Calm	10	10	3.3
8	55.60	54.30	22.2	29.5	98	75	Calm	WNW 4	10	8	.....
9	56.08	55.29	22.5	29.5	96	78	Calm	NW 3	9	10	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.3
13	59.30	58.44	23.5	31	97	72	Calm	W 2	10	10	.....
14	59.40	58.31	22.6	31.5	96	66	Calm	WNW 2	10	10	.8
15	59.72	58.21	24	30.5	94	68	Calm	NW 2	10	10	.....
16	59.47	57.99	24	29.5	93	73	Calm	NW 3	10	10	.....
17	59.96	58.35	24	29.1	93	69	Calm	NW 1	8	10	.....
18	59.84	58.49	23.4	30.7	92	67	Calm	NW 1	7	8	.....
19	60.60	59.21	23	29.5	96	76	Calm	NW 3	7	9	.....
20	59.72	57.29	24.5	29	96	78	NW 1	NW 4	10	8	6.4
21	57.88	56.38	23.5	30.8	96	74	Calm	NW 2	8	7	.....
22	57.66	56.23	22.5	30.5	93	72	Calm	NW 2	7	7	.....
23	57.63	56.75	23.1	31	95	69	Calm	NW 1	8	8	2.5
24	58.34	57.74	23	30.5	96	68	Calm	NE 1	10	10	.....
25	59.98	58.65	23.1	31.5	93	66	Calm	NE 1	10	9	5.3
26	60.76	59.11	24	30.4	96	72	Calm	NE 2	10	10	.....
27	60.36	58.70	24	31.5	96	66	Calm	NE 1	10	9	.....
28	59.67	57.83	24.5	31.1	96	65	Calm	NE 1	8	6	.....
29	57.78	55.06	24	31	87	69	Calm	NW 2	4	7	.....
30	56.21	54.56	25	30	92	77	NW 1	NW 4	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.24	56.84	23.6	29.7	95	74.1	0.1	1.8	9.1	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	145.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.16	54.68	25	29.2	94	76	NW 2	NW 4	10	10	.....
2	54.82	53.37	26.5	28.2	88	83	NW 3	NW 5	10	10	.....
3	54.19	53.25	24	30.5	94	74	NW 1	NW 1	10	10	.....
4	55.56	56.09	24.5	29.5	96	78	Calm	NW 1	10	10	3
5	59.23	58.33	24.5	30.5	97	71	Calm	Calm	10	10	.....
6	59.68	58.43	23.3	30	93	73	Calm	NW 1	8	8	.....
7	58.78	57.78	23.5	29.5	96	78	Calm	NW 3	3	8	.....
8	58.83	57.90	24	32.4	93	68	Calm	NW 1	10	10	.....
9	59.08	58.35	24	32	96	64	Calm	NE 1	7	8	.....
10	59.34	58.54	23.5	27.2	96	83	Calm	NW 1	10	10	.3
11	59.43	57.98	23	30.3	93	67	Calm	NE 1	10	9	1
12	59.33	58.41	23.5	30.5	96	67	Calm	Calm	10	10	1.8
13	59.43	58.09	23.5	30.5	96	68	Calm	Calm	10	10	.....
14	58.34	55.76	23.5	30.4	96	74	Calm	NW 4	7	8	.....
15	55.20	53.25	22	25.2	84	94	Calm	WNW 3	10	10	54.9
16	48.94	51.72	23	23.2	90	96	Calm	Calm	10	10	17.2
17	55.33	53.36	22.2	29.5	98	78	Calm	SE 2	10	10	.....
18	55.92	54.61	24.5	29	92	80	Calm	SE 1	10	10	5.6
19	56.84	56.21	23.5	28.5	96	85	Calm	Calm	10	10	3.5
20	57.72	56.89	24.8	30.6	98	73	Calm	NE 1	10	8	.....
21	57.78	56.09	24	29.7	95	78	Calm	NW 3	10	10	.....
22	55.01	53.93	26	26.5	85	76	NW 2	Calm	10	10	.6
23	57.57	57.49	24	30	96	73	Calm	NW 1	10	10	.....
24	59.70	58.04	22.8	29	93	78	Calm	NW 3	7	10	.....
25	59.39	57.99	22.3	29	93	79	Calm	NW 2	10	8	.....
26	60.31	59.67	23	31.8	96	66	Calm	NE 1	8	9	3
27	62.08	60.70	24.5	30.5	96	70	Calm	NE 1	10	8	4.1
28	61.87	60.44	24.5	31.8	97	61	Calm	NE 1	10	7	1.3
29	61.32	59.06	25.5	30.5	84	72	Calm	NE 2	6	7	1.5
30	59.94	57.96	24.5	30.5	96	65	Calm	NE 2	10	4	3.6
31	60.30	59.24	27	32.5	80	59	NE 1	NE 1	10	8	4.6
Mean	57.98	56.89	24	29.6	93.3	74.4	0.3	1.5	9.2	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.61	58.89	26	30.5	89	65	NE 1	NE 1	10	8	0.3
2	60.16	57.89	25	31	92	62	Calm	NE 1	8	3	.....
3	60.04	58.03	25.5	30	85	75	Calm	NE 1	8	7	1.3
4	59.83	58.73	23.5	30.5	96	63	Calm	NE 1	8	6	1
5	60.21	58.86	25	31.3	96	68	Calm	NE 2	8	7	.....
6	60.29	58.86	25.5	32	94	56	Calm	NE 2	8	8	.....
7	60.49	59.55	26	30.5	92	70	Calm	NE 1	10	9	.3
8	60.69	59.74	26	32	89	57	NE 1	NE 1	10	7	1
9	61.32	59.64	26	30	84	68	Calm	E 1	7	10	.....
10	61.54	60.39	24.4	27.5	92	72	Calm	NE 2	8	10	4.3
11	61.51	60.46	26.5	29.2	80	70	E 2	NE 2	10	10	6.6
12	61.41	59.76	24.5	30.5	94	63	Calm	NE 1	10	4	.....
13	61.81	60.04	27	29.8	88	66	NE 2	E 1	8	8	2.3
14	61.94	59.95	25	29	96	71	Calm	NE 1	8	10	.....
15	62.44	60.26	25	26.2	92	82	Calm	NE 3	10	10	4.3
16	61.95	59.86	24.5	30	96	64	Calm	NE 2	10	4	3.8
17	61.26	59.85	23.5	29	96	74	Calm	NE 1	10	8	4
18	61.26	59.96	23.8	29.6	93	58	Calm	NE 1	9	3	1
19	61.01	59.19	22	30	92	60	Calm	NE 1	4	3	.....
20	61.71	59.86	21.2	30.4	84	53	Calm	NE 1	4	3	.....
21	61.12	59.66	25.5	29.8	83	60	NE 1	NE 2	10	4	10.4
22	60.90	58.89	24	30	95	67	Calm	NE 1	10	8	2
23	60.75	58.89	24	31.8	97	59	Calm	NE 1	10	4	1
24	60.78	59.29	24.1	30	95	69	Calm	NE 1	10	8	.5
25	60.74	58.55	24.5	29.8	94	66	Calm	E 2	10	8	1.8
26	60.62	58.79	23.5	32	91	54	Calm	NE 1	9	3	.....
27	60.91	58.83	22.1	31.5	95	57	Calm	E 1	8	4	.....
28	61.05	58.86	23.6	31	96	64	Calm	NE 1	10	10	1.3
29	61.07	59.98	26	28	84	77	NE 2	E 1	10	10	.6
30	61.16	60.39	24.5	30.6	94	64	Calm	NE 2	10	8	10.4
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	61.02	59.40	24.6	30.1	91.5	65.1	0.3	1.3	8.8	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58.2

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.26	59.76	23.3	30.5	95	68	Calm	NE 1	10	4	.....
2	61.26	59.66	23.5	30.5	91	61	Calm	NE 1	8	10	1
3	61.26	60.05	24.5	28.3	85	66	NE 2	E 2	10	10	.8
4	61.31	59.97	25.3	27.1	80	70	NE 2	NE 2	10	10	2
5	61.25	60.82	25	26.5	88	79	NE 2	NE 3	10	10	.....
6	62.36	61.38	23	28.8	87	59	Calm	E 2	10	10	.....
7	62.76	60.88	23.5	28.5	85	61	Calm	E 2	10	10	.....
8	62.53	61.06	24	30.4	81	54	NE 1	NE 1	10	4	.....
9	62.26	60.16	25	28.8	82	65	Calm	NE 1	10	10	1.3
10	62.21	59.88	23.9	30	92	71	Calm	NE 1	10	3	.....
11	60.76	58.96	22.5	28.4	96	68	Calm	E 2	7	7	.....
12	60.26	58.75	24	31	91	62	Calm	NE 1	10	8	4.6
13	60.56	59.03	24	27	87	80	NE 2	NE 2	10	10	5.3
14	60.71	58.66	24	29.5	97	71	Calm	NE 2	10	6	1.3
15	61.14	60.14	25	29.6	94	64	Calm	NE 2	10	4	.....
16	61.65	59.96	23.5	29.6	92	67	Calm	NE 1	3	3	.....
17	61.74	60.55	25.5	28	80	74	NE 1	NE 2	8	10	10.2
18	62.26	60.63	23.5	29.5	96	66	Calm	NE 2	10	9	2.5
19	62.38	61.26	22.6	29.5	95	64	Calm	E 1	8	8	.5
20	62.86	60.76	22.5	28.5	96	60	Calm	NE 2	8	10	.3
21	61.46	59.85	23.5	29	92	65	Calm	NE 2	10	10	1
22	60.72	59.71	22.5	30.4	96	58	Calm	NE 1	10	6	.....
23	60.15	59.28	20	27.5	94	68	Calm	NE 1	8	9	.....
24	60.18	58.40	18.6	29.5	89	57	Calm	NW 1	10	8	.....
25	58.16	54.34	25	26.5	77	74	NW 2	NW 4	10	10	102
26	55.59	56.18	24	24.2	92	98	NE 3	E 3	10	10	35.5
27	59.19	58.41	23.5	28.5	96	70	ENE 1	NE 1	10	10	.....
28	61.06	59.41	22.5	27.7	89	76	Calm	E 1	6	10	.....
29	61.46	59.99	25	27	88	80	NE 1	NE 1	9	10	2.5
30	61.66	60.14	23.5	30	96	62	Calm	NE 1	10	4	2.8
31	62.21	61.12	23.4	28.1	96	74	Calm	NE 1	10	4	.....
Mean	61.12	59.65	23.5	28.7	90.2	68.1	0.5	1.6	9.2	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	173.6

[a] Temporarily closed on September 10 to 12.

VIRAC.

[ϕ=13° 35′ N; λ=124° 14′ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

JANUARY.

Day.	Pressure, 700 mm.+[a] 6 a. m.	Pressure, 700 mm.+[a] 2 p. m.	Temperature.[a] 6 a. m.	Temperature.[a] 2 p. m.	Relative humidity.[a] 6 a. m.	Relative humidity.[a] 2 p. m.	Wind, direction and force (0-12).[a] 6 a. m.		Wind, direction and force (0-12).[a] 2 p. m.		Cloudiness.[a] 6 a. m.	Cloudiness.[a] 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.					0–10	0–10	mm.
1	59.43	58.43	24.5	26.5	96	88	NE	3	NE	3	10	10	58.9
2	60.13	59.26	22.1	26	99	92	E	1	S	1	10	10	15.2
3	60.10	59.13	23	25.5	98	89	N	2	E	3	10	10	26.2
4	60.53	59.87	23	24.1	97	91	NE	3	E	3	10	10	53.1
5	60.60	59.71	23	26	98	92	SE	2	E	3	10	10	.....
6	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	5.3
9	62.81	61.25	20	23.5	98	96	WNW	1	NW	3	10	10	.....
10	61.36	60.66	21.7	25.4	99	88	SSE	3	NE	3	10	10	1.3
11	61.52	60.36	23.6	26	93	90	ENE	3	E	3	10	10	5.6
12	60.25	59.25	24.5	27.5	96	82	E	4	E	3	9	9	7.9
13	59.49	58.68	25.2	27	95	86	ENE	4	E	3	10	10	30.2
14	59.64	58.87	23.6	27	97	84	W	2	NE	3	10	10	4.1
15	60.82	60.77	23.4	25.5	95	86	NE	3	ENE	4	10	10	.....
16	61.60	59.89	22.8	26.6	98	87	NNE	3	NNW	3	10	8	.....
17	60.22	59.18	22.6	26.1	97	91	SE	3	ESE	3	10	10	8.6
18	59.45	58.40	22.3	27.5	99	84	NNE	2	E	3	10	10	1.3
19	58.84	57.75	23.5	27	96	86	NW	1	ESE	3	9	10	28.2
20	59.60	58.98	23	24.2	91	90	S	2	ESE	3	10	10	20.1
21	60.51	59.48	22.8	24.5	98	89	SE	3	NE	4	10	9	.....
22	60.50	59.60	22.6	25.5	97	88	WNW	3	WNW	4	10	10	.....
23	59.96	58.26	22.3	26.3	99	90	WNW	3	NW	2	10	10	.....
24	58.70	57.55	23.8	25.8	97	87	WNW	3	W	3	10	10	.5
25	58.29	57.94	23.1	25	97	92	W	2	W	2	10	10	.3
26	59.44	58.94	22.6	24.2	97	95	NE	3	E	2	10	10	.....
27	59.44	58.13	22	25.1	98	91	WSW	2	E	3	10	10	1.1
28	58.97	57.92	23	25.5	97	89	SSW	2	NNW	2	10	10	.....
29	59.07	58.17	23	26	98	90	W	3	NW	2	10	10	.....
30	58.85	57.33	22.5	25	96	90	W	1	E	4	10	10	7.9
31	59.72	59.18	22.5	25.6	97	88	NE	3	E	3	10	10	8.4
Mean	59.99	59.03	22.9	25.7	96.9	89		2.5		2.9	9.9	9.9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	283.3

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.					0–10	0–10	mm.
1	60.61	59.80	23.8	25.5	95	88	E	3	ENE	4	10	10	1
2	60.77	59.10	25	27.5	88	82	ENE	4	E	3	10	9	13.4
3	60.06	58.48	24	27.2	90	83	E	4	E	4	10	10	6.4
4	59.34	57.91	25	28.4	90	77	ESE	3	E	3	10	9	.....
5	58.88	57.20	20.9	29	99	78	W	1	S	1	3	1	.....
6	58.34	56.70	21.6	28.2	93	80	WNW	1	SE	2	5	4	.....
7	58.14	57.66	21.8	27.5	93	81	SW	1	SE	2	5	9	.....
8	59.51	58.55	22	28.7	98	77	SW	1	NE	2	8	8	.....
9	60.42	59.31	20.3	28.5	97	75	NW	1	ENE	4	10	8	.....
10	60.39	59.26	24.5	26	96	87	E	3	SE	3	10	10	11.2
11	60.19	58.45	23.5	26	97	84	NE	2	NE	4	10	10	3.3
12	59.36	59.31	24.8	24.2	98	98	NE	4	NE	4	10	10	57.6
13	60.70	58.90	24	26	98	90	NE	4	E	4	10	10	.5
14	59.64	58.05	22.5	28.5	96	75	WSW	2	E	4	10	10	1
15	59.49	57.48	22.1	29	99	75	W	1	E	3	7	9	.....
16	60.64	59.51	23	27	98	89	WNW	1	W	1	7	8	17
17	61.17	60.12	23.5	25.7	97	93	SE	3	NE	2	9	10	1.5
18	61.51	60.46	22.2	24.4	98	90	W	3	E	2	10	10	1.3
19	61.97	61.51	20.5	23.2	99	97	NW	2	NW	2	10	10	.5
20	62.43	61.19	20.5	24.5	99	94	ESE	1	E	3	8	10	.....
21	62.37	60.95	21	27.6	98	80	NW	1	S	2	8	9	.5
22	62.32	61.14	21.5	26	94	90	SE	3	E	3	10	10	.3
23	62.67	61.52	21.6	26	98	89	S	2	NNE	4	9	9	.3
24	62.87	61.65	21.5	27.5	99	88	WNW	1	NE	3	8	10	.5
25	61.89	61.13	23.5	25	97	93	NW	2	E	3	9	10	20.6
26	61.59	60.60	23.5	28.6	97	72	NE	2	E	4	9	7	.....
27	62.50	61.10	21.2	25.7	98	94	WNW	1	NE	2	5	10	11.7
28	61.96	60	21.3	30.2	95	70	WNW	2	ENE	3	9	7	.3
29	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.78	59.54	22.5	26.8	96.2	84.6		2.1		2.9	8.5	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	148.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.					0–10	0–10	mm.
1	60.72	59.62	21	26.5	96	73	NE	1	SE	3	10	10	0.8
2	61.75	61.48	22	26.2	98	75	WNW	1	NE	3	9	9	.....
3	63.65	62.29	23.5	28.2	87	66	NE	4	ENE	3	9	8	.....
4	62.95	61.37	24	29.7	90	61	NE	3	E	4	9	8	.....
5	61.81	60.53	24.2	26.8	90	80	S	2	WSW	3	9	10	10.7
6	61.87	60.55	24	27.5	97	81	NE	2	NE	2	7	9	.5
7	61.40	59.68	23.5	30	94	66	E	2	NE	3	10	10	.8
8	59.47	57.69	24.5	27	94	77	E	3	NE	4	10	10	43.4
9	57.12	55.52	23.6	22.5	95	99	ENE	6	SW	3	10	10	65.8
10	57.54	56.18	23	26.5	98	80	SW	3	WNW	4	10	9	2
11	57.62	56.30	23.8	28.4	98	76	NW	2	E	3	9	9	4.5
12	58.77	57.90	23	26.5	97	88	WNW	2	WNW	3	10	9	10.4
13	58.85	58.20	23.5	25.5	94	89	ENE	3	E	3	5	10	31
14	59.62	57.80	23	28.7	97	78	NE	1	SE	3	10	4	6.9
15	58.93	58.20	22	29	98	76	W	1	SE	3	4	5	.....
16	60.55	59.74	22.2	26.7	95	88	WNW	2	NW	2	3	10	7.7
17	61.60	60.99	22	26.2	93	79	SW	2	ENE	3	7	10	.....
18	62.60	61.99	22	25.6	91	75	NW	1	E	2	5	10	.3
19	62.41	60.76	18.1	28.5	99	70	W	1	S	3	2	6	.....
20	61.14	59.41	19.1	30	99	66	N	1	E	2	1	9	.....
21	60.47	58.01	19.9	28.6	97	69	WNW	1	E	3	2	4	.....
22	59.91	59.03	19.5	27.2	95	77	WNW	1	W	2	3	10	.....
23	60.53	58.93	19.7	27.2	97	73	WNW	1	ESE	3	4	10	.....
24	59.26	58.13	19.6	29.8	98	74	W	1	S	2	3	4	.....
25	59.39	58.40	22	30.3	96	75	W	2	SE	4	5	2	.....
26	59.87	59.28	24	30.7	95	74	WNW	1	SE	4	7	3	.....
27	60.47	59.56	21.4	31	96	62	SW	1	ESE	4	4	3	.....
28	60.26	59.24	25.5	30.9	93	62	E	2	ESE	3	9	6	.....
29	60.55	58.85	22.5	29	97	71	NW	1	E	4	10	9	.....
30	59.91	58.96	22	29.5	96	69	W	1	ENE	3	6	10	8.9
31	60.45	58.88	24.8	28.5	90	83	ESE	3	NE	4	5	10	6.3
Mean	60.37	59.14	22.4	28	95.2	75.2		1.9		3.1	6.7	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	200

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.					0–10	0–10	mm.
1	59.95	58.90	24.8	31.3	90	64	NE	4	ESE	3	10	7	4.6
2	59.39	58.05	22.6	28.2	98	74	NE	1	NE	3	7	9	2.5
3	59.04	57.42	23.5	29.4	96	71	W	1	SE	4	4	5	.....
4	59.42	58.10	23.5	29.5	84	65	ESE	2	E	3	3	5	.....
5	59.22	57.83	21.4	30.6	98	70	NW	1	W	2	3	8	20.8
6	58.57	57.13	23.6	30.3	98	72	E	2	ENE	3	10	4	3.6
7	58.28	57.02	22	31	96	68	W	1	ESE	3	4	3	.....
8	58.32	57.12	21.7	30.7	99	74	W	1	E	4	2	4	.....
9	58.62	57.53	23	30.4	97	70	W	2	ENE	4	10	7	.....
10	58.95	57.62	22	30.6	98	70	NW	1	S	3	7	7	.....
11	58.18	56.72	23.6	31.9	93	65	W	2	NE	3	10	9	.....
12	56	54.03	25.4	28.2	87	79	NW	2	NNW	3	10	10	9.9
13	53.37	54.11	24.8	26.5	95	91	NW	4	W	4	10	10	20.3
14	56.68	56.25	24	30.4	91	77	WSW	3	W	3	10	10	.....
15	58.23	56.69	23	29.6	97	77	W	1	SE	3	10	10	.....
16	58.89	57.91	23.8	27.7	97	87	NW	1	E	2	10	10	5.6
17	60.11	58.77	23.4	28.4	97	79	NW	1	NW	2	10	10	.....
18	60.82	59.64	20.5	28.1	99	77	WNW	1	WNW	3	7	10	.....
19	61.32	59.95	23.1	29.2	90	72	NE	1	E	4	8	8	.....
20	61.12	59.67	22	29	95	76	WNW	1	W	3	2	10	.....
21	60.26	58.95	23	29	93	78	W	1	SE	3	6	10	.....
22	59.49	59.83	22.8	27	98	84	WNW	1	E	4	5	10	2.3
23	59.42	59.15	22.8	27	98	94	W	1	ENE	2	9	9	10.4
24	60.70	60	24.8	27	93	87	NW	1	E	1	8	10	10.1
25	60.79	59.79	24.2	28	97	88	NW	1	SE	3	6	10	28.2
26	59.13	58.55	25.2	28.1	95	87	E	2	SE	2	7	10	9.1
27	58.56	57.49	24	30.3	98	75	WNW	1	ESE	3	10	7	1
28	58.33	57.17	22.7	30.2	99	71	WNW	1	E	4	4	3	.....
29	59.45	58.64	22.5	31.5	97	70	WNW	1	ESE	4	7	5	.3
30	59.66	58.72	25	31.4	93	70	NW	1	ESE	4	7	4	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	59.01	57.96	23.3	29.4	95.2	76.1		1.5		3.1	7.2	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	128.7

[a] Temporarily closed on January 6 to 8.

VIRAC.

[$\phi = 13° 35'$ N; $\lambda = 124° 14'$ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.27	58.15	23.1	28.6	97	80	NW 1	ESE 3	6	8	3.3
2..	58.63	57.54	23.3	28.8	96	83	N 1	SE 3	7	7	16.5
3..	58.60	57.89	25.2	28.5	97	81	N 1	E 3	9	9	2.6
4..	59.76	58.37	24.3	31.2	94	71	WNW 1	SE 4	7	6	.3
5..	60.05	58.54	23.7	31	97	73	W 1	E 3	10	6	.....
6..	58.92	57.19	26.8	31.7	86	72	ENE 3	ESE 3	5	6	1.5
7..	58.62	56.24	25	31.5	95	68	E 2	E 4	10	6	14
8..	57.30	56.12	24.5	29.7	96	80	W 1	ESE 3	10	8	6.1
9..	57.03	56.13	25.8	30.6	93	74	E 2	E 3	10	6	4.3
10..	58.34	57.55	26.6	30.5	94	76	E 2	SE 3	10	7	.....
11..	59.11	57.58	26	32.5	92	66	SE 3	ESE 3	8	7	5.3
12..	58.44	58.28	26.6	27.2	89	84	E 3	NE 1	10	10	9.6
13..	58.21	58.48	25	28.8	97	85	ENE 1	SE 4	4	10	54.6
14..	59.70	58.94	24.5	31.1	97	75	W 1	ESE 3	9	5	.5
15..	60.01	58.49	23.8	31.6	98	70	W 1	E 4	4	4	.....
16..	59.02	57.33	23.2	28.1	98	87	N 1	W 2	1	9	7.9
17..	57.42	56.45	24	31.6	97	68	W 1	E 3	4	7	3.3
18..	57.72	57.13	25	31	97	69	NE 2	ESE 3	7	9	2
19..	58.87	57.02	24	31.1	97	71	NW 1	SE 3	10	4	1
20..	58.61	57.29	24	30.3	98	74	WNW 1	ESE 3	7	4	.....
21..	57.88	56.55	22.5	31.4	97	68	W 1	E 4	2	4	.....
22..	58.15	57.67	22.2	29.7	98	75	W 1	SE 3	3	10	.....
23..	58.31	56.85	21.5	31.4	95	72	NW 1	E 3	3	4	.....
24..	57.82	55.74	22.5	34	97	59	W 1	S 4	3	3	.....
25..	57.18	56.23	24	31.7	97	69	W 2	S 3	6	7	.....
26..	58.20	57.03	25	31.6	95	68	W 1	SE 3	7	7	2.8
27..	58.99	56.97	27	31.5	84	68	E 1	SE 2	10	3	10.2
28..	58.66	57.13	24.8	31	97	72	WNW 1	SE 3	4	4	.....
29..	58.75	57.36	28	31.5	89	66	SE 4	SE 3	10	3	.....
30..	59.55	58.10	23.5	31	96	68	W 1	SE 3	10	10	.....
31..	60.05	57.94	24.1	32	97	69	W 1	SE 3	4	4	.3
Mean	58.62	57.36	24.5	30.7	95.1	72.9	1.5	3.1	6.8	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	146.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.18	59	26	29	92	78	NW 1	SW 2	7	10	.....
2..	59	58.12	25	27.6	93	91	ENE 1	NW 1	9	10	9.2
3..	58.98	56.82	24	31.5	98	69	WSW 1	E 3	7	5	29
4..	58.48	56.87	24	27	97	84	W 1	SE 3	10	10	19
5..	57.57	55.96	24	29.5	98	77	E 1	SE 3	10	8	13.2
6..	56.85	55.48	25.5	30	93	78	SE 3	SE 3	10	5	.....
7..	57.70	57.04	24.5	30.6	96	74	NW 1	SE 3	5	4	.....
8..	59.16	58.68	25	30.5	95	76	W 1	SE 3	7	9	.....
9..	59.34	58.38	24.4	29.5	97	71	W 2	ESE 2	10	10	.8
10..	58.15	57.49	25.2	27	95	89	N 1	E 2	10	10	6.9
11..	57.24	56.65	23.7	29	97	79	WNW 2	S 3	10	9	.....
12..	58.68	57.42	24	30.3	98	76	NW 1	SE 3	4	3	.....
13..	59.33	58.39	27.5	31.5	91	70	NW 1	SE 3	8	5	.3
14..	59.54	57.56	24.5	31.1	97	73	NW 1	ESE 3	4	9	.5
15..	59.53	57.99	25	32.4	93	70	W 1	SE 3	9	5	.8
16..	59.94	58.44	24.6	31.5	98	69	NW 1	ESE 3	3	5	.8
17..	59.70	58.12	25.8	31.6	93	67	WNW 2	ESE 3	10	7	.....
18..	58.86	57.99	24.4	32.7	97	66	W 1	ESE 3	4	5	1.8
19..	59.54	58.64	25.5	32.4	96	64	W 1	E 3	7	5	.5
20..	59.56	58.49	26.6	32	89	65	NE 1	E 4	8	5	15.2
21..	59.64	57.86	23.6	29.5	97	75	NE 2	SE 3	10	10	2.6
22..	58.12	56.90	24.7	31	97	75	NW 1	SE 3	10	6	.....
23..	58.07	56.90	34.4	31	97	71	W 1	SE 3	8	5	.....
24..	58.28	56.13	24.3	31	97	68	W 1	SE 3	3	7	.....
25..	57.06	55.78	23.7	30.9	96	71	W 1	SE 3	6	10	9.1
26..	54.08	52.75	25.1	25.2	98	93	W 2	WNW 3	10	10	102.5
27..	50.24	46.96	24.8	25.2	98	98	WNW 3	E 3	10	10	178.9
28..	45.93	47.32	24.3	25.3	99	94	WSW 8	SW 5	10	10	60.8
29..	49.57	49.91	25	28	95	86	SW 5	SSW 4	10	10	7.1
30..	54.61	54.90	25.9	28	86	83	NW 2	SSW 3	10	10	.5
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.43	56.30	24.8	29.7	95.4	76.7	1.7	3	8	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	459.5

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	57.67	57.29	24.5	30.9	97	75	NE 1	SE 3	10	5	.....
2..	58.86	57.18	23.5	31.5	97	69	WNW 1	SE 3	3	4	.....
3..	57.47	56.40	23.1	29.9	99	77	WNW 1	W 2	5	10	0.8
4..	55.64	54.41	25	28.2	93	83	WNW 3	WNW 3	10	10	11.6
5..	53 79	53.27	24	28.1	95	81	W 3	W 4	10	10	2.6
6..	54.09	53.91	24	30	97	75	NW 2	SW 4	7	9	1
7..	56.61	55.81	25.1	29.7	94	80	NW 2	WSW 3	9	9	2.8
8..	56.60	55.44	25.5	29.5	94	77	W 2	W 4	10	10	.....
9..	55.53	53.69	26	29.9	92	76	WNW 3	W 4	10	10	2.5
10..	54.45	54.02	26	28.3	92	84	WSW 4	W 3	10	10	.....
11..	55.06	55.04	26.6	30.4	89	76	WNW 3	WSW 3	10	9	.....
12..	56.70	56	26	32.7	90	70	W 2	W 4	9	4	.....
13..	57.14	55.96	26.5	32.6	90	69	W 2	W 3	7	4	.....
14..	56.34	55.29	26.7	32	88	67	SW 3	WSW 4	6	7	.....
15..	56.54	55.29	26.6	30.8	92	73	WNW 2	SW 4	9	10	.....
16..	56.81	55.98	26.5	32	90	70	W 3	WSW 3	9	10	.....
17..	57.43	56.24	26	32.4	92	68	WNW 2	SW 4	10	7	.....
18..	57.65	55.84	25.8	32.6	95	66	W 2	WSW 3	10	7	.....
19..	57.46	56.05	25.2	33.2	95	66	WNW 2	W 4	9	4	.....
20..	57.20	56.16	24.8	33.2	97	63	WNW 1	WSW 3	9	4	.....
21..	57.81	55.72	25.5	33.2	96	66	W 2	W 4	7	5	.....
22..	55.93	54.28	25.5	33	93	65	W 2	W 4	3	5	.....
23..	54.62	53.96	27	33.5	90	64	WNW 3	W 4	10	6	.....
24..	54.77	54.21	25.5	32.7	94	68	W 2	WSW 4	7	10	.....
25..	55.26	54.43	25.8	31	97	79	W 2	SW 2	10	10	.....
26..	55.80	54.92	26.5	30	96	80	W 1	WNW 3	10	10	.....
27..	56.47	55.18	26	29.2	94	81	NW 1	W 4	10	10	.5
28..	56.12	55.50	26	31	92	77	SSW 3	S 3	10	9	.....
29..	57.86	57.11	26.1	32	91	71	SSE 3	S 3	10	4	2.5
30..	58.57	58.23	27	31.7	92	73	S 2	SE 3	10	9	.....
31..	60.02	59.33	25	30	97	77	NW 1	SE 3	10	9	.....
Mean	56.52	55.55	25.6	31.1	93.5	73.1	2.1	3.4	8.7	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.3

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.96	58.58	24	30.1	97	72	W 2	SE 3	10	7	0.5
2..	58.68	58.42	23.2	26.8	98	89	NW 1	NW 1	1	9	3.6
3..	59.07	58.58	22.4	28.5	96	81	NW 1	NNE 2	2	8	10.4
4..	59.75	57.58	23.5	32.6	97	65	NW 1	SW 3	3	5	.....
5..	58.68	57.20	24.3	33.5	97	64	NW 1	W 3	5	3	.....
6..	58.32	56.27	24.1	32.9	96	65	WNW 1	W 4	9	5	.....
7..	57.83	56.76	23.5	33.7	97	64	W 1	SW 2	4	8	.....
8..	57.68	57.29	25.7	28	94	80	W 2	E 3	10	10	15.7
9..	58.97	56.81	23.6	28	97	83	E 2	W 2	10	10	11.7
10..	56.52	55.36	24.1	25.4	96	88	W 3	WNW 4	10	10	11
11..	55.50	54.93	23.6	29	98	79	W 3	W 3	10	10	6.4
12..	56.52	55.48	24.8	29	93	82	W 2	S 3	10	10	8.1
13..	57.12	56.58	24.3	29.7	97	80	S 1	SSE 3	10	10	2.5
14..	58.92	57.32	25	30.9	98	72	W 1	SE 3	10	10	5.3
15..	59.14	57.92	24	28.6	97	85	W 1	W 3	10	9	7.6
16..	58.62	57.51	24.3	28.7	97	83	NW 1	W 1	10	10	7.6
17..	58.86	57.09	24.6	28.5	97	87	W 1	NW 1	7	6	12.2
18..	56.86	55.13	24.5	30.7	97	78	W 3	WNW 3	9	10	1.8
19..	56.04	55.43	25	32.2	97	69	W 2	W 3	7	9	5.6
20..	57.14	56.69	24.4	28.4	97	85	W 2	S 2	10	10	1.3
21..	57.67	56.63	25	30	92	75	W 1	W 2	10	10	.5
22..	57.32	56.29	25	30.4	97	72	W 1	WNW 3	10	10	40.1
23..	56.87	56.28	24.2	29.5	97	77	W 2	WNW 3	10	9	1.3
24..	55.86	54.35	25	31	98	73	W 2	SW 3	7	7	.....
25..	56.03	55.45	26	31.5	94	70	WNW 1	SW 3	6	5	.....
26..	57.25	56.80	26	28.5	92	84	WNW 2	SW 2	10	10	.....
27..	57.24	56.09	24.5	29	96	78	WNW 1	ESE 2	4	9	15.8
28..	56.63	55.80	24.5	31.7	97	68	W 1	SW 3	7	9	.5
29..	57.50	57.09	24.9	31	96	71	WNW 1	ESE 3	7	10	13.2
30..	58.48	57.42	24.4	31.2	97	71	W 1	WSW 2	6	10	.5
31..	58.01	56.62	25	30.2	97	75	WNW 1	SW 3	10	9	.....
Mean	57.71	56.64	24.4	30	96.3	76.3	1.5	2.6	7.9	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	183.2

VIRAC.

[$\phi = 13°\ 35'$ N; $\lambda = 124°\ 14'$ E; barometer above sea, 5.63 meters; gravity correction not applied, —1.76 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.79	56.79	23.5	31.5	97	68	W 1	W 3	3	7	.....
2	58.23	56.78	25	32	95	66	W 2	W 3	4	10	.....
3	56.92	55.68	25.8	31	92	71	W 2	W 3	10	10	.....
4	55.25	54.55	25.8	27	93	92	W 1	W 4	10	10	22.4
5	53.98	52.89	25	27.1	98	91	W 3	W 3	10	10	35.7
6	53.73	53.71	25.5	28.9	94	81	W 3	WSW 3	10	10	1.3
7	55.30	54.35	25.5	31	96	72	WSW 2	WSW 4	7	7	.....
8	54.81	53.67	25.4	31.8	92	69	W 1	WSW 4	7	9	.....
9	55.43	54.57	26.3	32	90	69	W 3	SW 4	10	5	.....
10	56.67	55.02	26.6	32.3	89	68	W 2	WSW 4	10	7	.....
11	57.70	56.44	27	31.5	90	68	WSW 3	SW 3	10	10	.....
12	58.97	57.32	25.5	32.6	96	64	WNW 1	SW 3	10	7	.....
13	59.18	57.89	24	32.7	97	65	W 1	W 3	8	7	.....
14	59.37	58.08	24	32.7	98	66	W 1	W 2	10	7	.....
15	58.89	57.76	24.8	32.3	97	64	WNW 1	W 3	10	9	28.4
16	59.08	57.85	24.5	30.5	97	72	W 1	SW 3	5	9	.5
17	60	57.86	24.5	32	97	69	W 1	S 3	9	6	.....
18	59.95	57.82	24.2	33.5	97	63	W 1	SW 3	3	4	.....
19	59.96	58.27	25	31	97	68	WNW 1	NW 2	3	9	2.3
20	58.96	56.49	25	32	92	67	WNW 3	W 3	10	7	.....
21	57.07	55.68	23.6	33.5	98	62	NW 1	WNW 3	9	7	.....
22	57.28	55.69	23.6	32	98	69	WNW 1	SE 3	10	8	.....
23	57.78	56.47	23.3	34	97	60	WNW 1	SW 3	3	6	9.7
24	59.21	58.30	25	31.5	95	72	W 1	SE 2	8	10	.....
25	60.35	58.69	24.4	31.5	97	70	W 1	SE 3	4	6	.....
26	60.59	59.05	24.1	31.4	96	70	NW 1	SE 3	5	7	1.8
27	60.19	58.05	23.6	31.2	98	69	NNW 1	E 3	4	6	.....
28	58.93	56.54	23.5	31.5	97	69	NW 1	NW 3	3	9	.5
29	56.01	53.70	25	29	95	82	NW 1	NW 3	8	10	14.8
30	54.26	53.25	24.6	29.5	97	77	WNW 3	W 3	10	10	.6
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.73	56.31	24.8	31.4	95.4	70.4	1.5	3.1	7.4	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	118

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	54.23	53.46	27	28.5	87	81	W 4	W 4	10	10	.....
2	53.39	52.30	28	29	80	83	WSW 4	SW 5	10	10	.....
3	53.92	53.27	27	31.3	89	71	WSW 4	SSW 4	10	10	.....
4	57.10	57.03	27	31.5	89	72	SSW 3	S 3	10	10	.....
5	60.01	58.82	25.9	31.2	94	71	WNW 1	SSE 2	10	6	.....
6	60.35	58.15	24.5	31.8	97	69	WNW 1	SE 2	7	2	.....
7	58.60	57.71	25.5	27	96	92	WNW 1	SE 2	10	7	8.4
8	58.73	58.17	23.7	27	97	94	WNW 1	NW 1	4	10	6.1
9	59.39	58.03	22.5	30.4	99	74	SW 1	NW 1	3	7	.....
10	58.42	57.62	23.6	27	97	92	W 2	WNW 2	10	10	2.5
11	58.73	57.32	22.1	30.4	99	76	NNE 1	S 2	7	10	4.8
12	58.29	57.91	22.2	27.3	98	91	W 1	NW 1	4	10	6.9
13	58.29	56.65	23	28.8	95	76	WSW 1	WNW 2	10	10	.....
14	56.38	54.72	24.5	26.5	87	90	WNW 2	NW 4	10	10	18.8
15	53.66	52.11	23.8	23.9	97	96	W 2	WNW 4	10	10	23.4
16	54.66	54.48	25	29.7	95	73	S 3	S 3	10	10	.....
17	57.85	56.02	26.6	30	94	75	SE 2	S 3	10	10	.8
18	57.81	56.48	26	30.9	97	67	S 2	SE 2	10	4	.....
19	58.16	56.23	24.9	31.1	96	69	W 1	SE 2	10	9	10.2
20	57.76	56.33	24.6	29.5	95	77	NW 1	SE 2	10	10	1.5
21	56.51	53.57	24.5	26	96	90	W 1	WNW 2	10	10	66.1
22	54.91	54.91	25.8	28	93	86	SW 3	SSW 3	10	10	21.2
23	59.08	57.77	26.5	30.1	94	72	SSE 2	SSE 2	7	4	.....
24	59.74	57.75	25	31.2	92	71	WNW 1	SE 2	6	4	.....
25	59.36	57.80	24.3	30.5	97	75	W 1	SE 2	7	7	3.6
26	60.70	60.27	26	29.9	90	72	E 2	E 3	7	8	3.8
27	62.28	60.85	25.8	31	92	69	E 3	E 3	10	5	4.8
28	61.81	60.13	26.4	31.2	90	71	E 4	ENE 4	5	6	2
29	60.60	58.44	25.5	31	93	65	NE 2	E 3	9	5	5.6
30	59.91	58.25	26.6	29.9	90	73	NE 2	E 3	8	9	13.5
31	60.58	59.22	26	28	92	80	E 3	ENE 3	10	10	16.2
Mean	58.10	56.83	25.2	29.3	93.5	77.8	2	2.6	8.5	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	220.2

NOVEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.72	58.77	24	31.2	97	69	WNW 1	ESE 3	5	5	6.6
2	59.94	58.48	25.1	27.3	91	84	NE 3	ENE 3	5	9	.6
3	60.30	58.80	25	30.7	95	67	E 3	E 3	5	5	.....
4	59.38	58.87	23.6	31	93	68	WNW 1	E 3	5	5	1.5
5	59.90	58.83	23.8	31	95	69	W 1	E 3	9	5	.....
6	60.44	58.99	22.5	31.5	97	68	W 1	E 3	3	5	.....
7	60.53	59.44	26	27.9	92	84	E 2	E 3	9	7	11.2
8	60.78	59.98	26.1	30.8	91	67	ENE 3	E 3	6	5	.3
9	61.16	59.58	26	31	90	65	E 3	ENE 3	7	7	1.3
10	61.36	59.92	25.8	31.2	90	64	ENE 3	NE 3	5	8	4.1
11	61.23	59.78	25.6	31.2	92	63	ENE 4	E 4	7	7	.....
12	61.11	59.23	26.5	29.7	90	71	E 3	NE 4	8	8	43.7
13	61.48	60	26.2	30.4	90	68	E 3	E 3	9	8	4.3
14	61.48	60.04	26	31	92	67	E 3	E 3	6	5	3.1
15	61.39	59.87	26.1	28.7	91	74	ENE 4	NE 4	10	10	9.9
16	60.78	59.24	25.9	30.6	93	69	NE 3	NE 3	4	7	6.9
17	60.14	59.82	24	27.5	97	81	W 1	E 1	10	10	25.7
18	60.68	59.21	22.4	29.2	96	76	WNW 1	ENE 3	3	7	2.5
19	60.57	59.17	22.9	29.5	96	76	WNW 1	E 3	7	4	.....
20	61.28	59.88	22.5	30	96	74	W 1	E 3	10	5	1.5
21	61.03	59.58	22.2	27.6	98	86	W 1	S 2	4	8	.....
22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[b]38.6
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.75	59.40	24.7	30	93.4	71.9	2.2	3	6.5	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.8

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.35	58.99	22.2	30.5	98	74	W 1	ENE 3	10	7	.....
2	60.30	59.03	21.9	30.7	96	67	W 1	ENE 3	9	9	1
3	60.80	59.13	25	29.5	83	65	NE 2	ENE 3	7	7	.....
4	60.76	59.53	25.3	25.2	81	93	W 2	ENE 2	10	10	20.4
5	61	60.71	25.2	26.1	90	86	ENE 4	ENE 4	10	10	.8
6	61.90	61.06	24.5	29	79	67	NE 3	ENE 4	5	10	.3
7	62.55	60.67	22.8	30	91	57	WNW 1	NE 4	7	4	.....
8	62.02	60.61	22.6	29.9	95	49	N 1	ENE 3	6	7	.3
9	61.11	59.65	22	29.5	95	58	W 1	E 3	8	5	.....
10	61.12	59.59	25.5	30	77	62	ENE 4	ENE 4	7	5	1.3
11	60.06	58.55	24	29.9	91	67	E 2	ENE 3	10	10	.....
12	59.75	58.41	23	27.7	93	79	WSW 1	NE 2	10	10	14.2
13	59.74	58.46	25.3	28.5	93	77	ENE 4	ENE 4	10	8	11.2
14	60.54	58.88	25.7	30.2	91	73	E 4	E 3	10	4	5.3
15	60.82	60.25	25.1	29.8	91	62	ENE 2	E 4	10	4	.5
16	60.78	60.05	25.5	29.5	88	69	ENE 3	ENE 3	9	5	.....
17	61.33	59.90	26	28.5	84	78	NE 3	E 3	10	8	41.1
18	62.09	60.50	23.1	28	92	73	NNW 1	E 2	10	10	.8
19	61.67	60.52	22.1	29.6	97	63	SW 2	ENE 4	10	7	1.5
20	61.87	60.21	23.4	27	97	80	N 1	NE 3	10	10	4.6
21	61.10	59.16	25	28.5	82	71	ENE 3	ENE 4	10	10	.....
22	59.54	58.39	22.3	27	94	80	NE 1	NNE 2	10	10	.....
23	58.07	56.68	24	27.2	88	83	WNW 2	W 3	10	10	2.6
24	56.79	54.32	25.2	26.5	87	91	W 2	WNW 3	10	10	98.8
25	47.03	46	24.5	....	97	....	N 10	E 11	10	10	148.8
26	57.77	57	....	28.6	....	76	SE 3	SE 3	10	8	8.9
27	59.85	58.58	25.6	29.5	90	68	SE 3	SSE 3	5	4	.....
28	60.36	58.87	24	26	93	94	N 1	NE 2	10	10	52.3
29	60.82	59.66	23.8	28.2	95	77	NE 2	E 3	10	8	1.5
30	61.23	59.95	21.6	29.5	98	75	N 1	E 3	4	8	2
31	61.77	60.55	21.6	28	98	69	N 1	E 3	4	7	5.8
Mean	60.16	58.83	23.9	28.6	90.8	72.8	2.3	3.4	8.7	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	424

[a] Temporarily closed from the 22nd to the 30th.

[b] Amount of rainfall from the 22nd to the 28th.

NAGA, AMBOS CAMARINES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, −1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.49	58.60	22.8	27	93	77	NNE 2	NE 2	10	9	1.5
2	60.10	59.48	23	26.2	97	88	NNE 1	NE 2	10	10	17
3	60.29	59.62	22.7	25.4	95	87	NNE 2	NNE 2	10	10	3.3
4	60.39	59.87	22.6	24	96	89	Calm	NE 2	10	10	8.2
5	60.24	59.51	22	25.2	91	74	N 2	NE 3	10	9	.3
6	60.60	59.64	22.8	26.5	79	67	NNE 2	NE 3	10	8	.....
7	60.28	59.49	22.8	24.8	87	77	NE 2	NE 3	10	10	.....
8	61.59	61.43	22	23.4	81	73	NNE 3	NNE 3	10	10	.....
9	62.59	61.32	19.8	24.2	80	66	NNE 2	NE 4	9	9	.....
10	61.65	60.79	20	25.1	92	74	NNE 2	NNE 2	8	9	.....
11	61.50	59.97	21.9	26	96	79	NNE 1	NE 2	10	10	.....
12	60.44	58.84	21.7	27.5	97	78	N 1	NNE 2	8	9	.8
13	59.53	59.14	22.8	24.3	97	91	NW 1	SSE 1	10	10	2.3
14	59.95	59.32	23	24.5	97	91	NNE 1	NE 2	10	10	29
15	60.94	60.84	21.5	24.1	92	82	NE 2	NNE 2	9	9	.....
16	61.75	60.28	21.2	24.8	96	77	NNE 2	NNE 3	9	8	2.3
17	60.51	59.47	20.8	25.7	96	72	NNE 2	NNE 2	8	9	2
18	59.81	58.65	21.7	25.2	96	83	NNE 1	N 3	10	10	.5
19	59	57.89	22.8	26.2	97	82	NNE 1	NNE 2	9	9	23.9
20	59.78	59.10	22.6	26.9	97	76	NNE 2	NNE 3	10	9	3
21	60.60	59.64	21	24.5	96	79	NNE 2	NE 3	10	9	.5
22	60.35	60.07	20.5	25.5	90	66	NNE 2	NNE 3	9	8	.....
23	60.11	59	21.6	25.8	78	75	NNE 2	NNE 3	9	9	1
24	59.38	57.79	21.1	25.5	95	81	NNE 2	NNE 3	9	9	3.8
25	58.92	58.75	21.6	23.2	96	81	NNE 2	NNE 4	10	10	1.5
26	59.64	59.83	21	22.4	88	91	NNE 2	NNE 3	10	10	2
27	60.10	58.81	20.4	24.4	96	71	N 3	NNE 4	10	10	.....
28	59.37	58.17	22.4	26	85	69	NNE 2	NNE 3	10	9	.....
29	59.08	58.61	21.5	25.1	84	73	NNE 1	NNE 3	10	10	.....
30	58.79	57.58	22	25.5	95	84	NNE 1	NNE 2	9	9	1.3
31	59.51	59.22	22	24.2	96	91	NNE 1	NNE 1	10	10	1
Mean	60.20	59.38	21.8	25.1	92	78.8	1.7	2.6	9.5	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105.2

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.58	59.99	21.6	23	95	91	NNE 1	NNE 1	10	10	.....
2	60.24	59.04	21.7	27.4	94	76	Calm	NNE 2	9	9	0.3
3	59.61	58.24	22.9	27	96	83	NW 1	NNE 1	10	10	9.9
4	59.27	57.41	23	31	97	64	Calm	SE 1	10	9	1
5	58.73	57.07	19.8	30.8	97	60	Calm	SW 1	10	7	.....
6	58.33	56.62	22.2	31.1	98	60	Calm	SW 1	10	8	.....
7	58.01	57.82	22.5	26.7	95	69	N 1	NNE 4	9	8	.....
8	59.77	59.05	20.4	27.5	87	58	NNE 1	NNE 3	9	8	1.3
9	60.31	59.43	21	26.7	97	73	W 1	NE 3	10	9	.3
10	60.45	59.73	22.7	23.3	92	96	NNE 2	NNE 2	10	10	2.5
11	60.28	58.72	22.8	27	93	83	NNE 1	NNE 2	10	10	.8
12	59.05	59.32	23.5	23.2	95	96	NNE 2	NNE 1	10	10	35.3
13	59.94	58.69	22	27.9	96	72	Calm	NNE 2	10	9	.....
14	59.27	57.91	21	28.4	97	80	NE 1	N 1	9	9	2.3
15	59.24	57.73	23.4	27.9	97	78	Calm	N 1	10	9	.....
16	60.29	59.71	23.4	28.3	94	75	NE 1	NNE 3	8	9	2.5
17	61.39	60.59	22.5	24	96	89	NNE 2	NNE 4	9	10	5.6
18	61.94	61.06	20.4	23	87	82	NE 2	N 3	9	10	1.8
19	61.90	61.56	20	23	91	73	NNE 2	NNE 4	9	10	.....
20	62.42	61.32	19.7	23.8	89	75	NNE 2	NNE 3	10	10	.....
21	62.24	61.19	20.2	26.5	89	64	NNE 1	NNE 2	8	8	.....
22	62.47	61.43	18.2	23.6	97	70	Calm	NNE 3	9	10	.....
23	62.44	61.76	20.4	24.9	84	73	NNE 2	NNE 3	8	9	.....
24	63.10	61.92	19.8	24.4	85	82	NNE 1	N 3	8	8	.....
25	62.25	61.59	22.5	23.9	96	88	NNE 2	NNE 2	9	10	10.5
26	61.43	60.47	21.4	28.6	96	66	Calm	N 3	9	8	.....
27	62.15	61.28	21.3	27.2	95	75	Calm	NNE 3	9	8	3.8
28	61.79	60.40	22.5	28.5	96	67	NNE 1	NNE 2	8	8	.3
Mean	60.67	59.68	21.5	26.4	93.6	75.6	1	2.3	9.2	9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	78.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.08	59.83	21.8	27	96	67	N 1	NE 2	8	9	.....
2	61.93	61.76	22	26.8	88	63	NNE 1	NE 4	9	9	1.8
3	63.68	62.64	21.6	27	91	65	NNE 1	NNE 3	8	9	1.5
4	63.21	61.16	22.5	28.2	96	72	NNE 1	NNE 3	10	9	.....
5	61.73	61.23	21.7	26	87	81	NNE 1	NNE 3	9	10	5.1
6	61.60	60.89	23.4	26.2	90	81	NNE 1	NNE 2	10	10	.3
7	60.83	60.03	22.6	28	93	69	NNE 2	NE 3	8	9	2.3
8	59.71	58.14	22.7	24.8	97	92	NNE 1	NE 2	10	10	35.8
9	57.28	56.52	23	26.4	94	86	NNE 1	NNE 1	9	10	2.5
10	58.18	57.28	23.2	27.2	97	80	NNE 1	N 3	10	9	1.8
11	58.58	57.98	23	26.2	97	87	N 1	N 3	9	10	.5
12	58.90	58.23	23.4	26.4	92	81	NNE 1	NNE 3	10	9	1.1
13	58.86	57.69	20.8	29.1	98	73	Calm	NW 2	10	9	.5
14	59.53	58.07	22.3	28.4	97	83	Calm	N 1	9	8	1.5
15	59.06	58.63	21.2	28.6	98	72	Calm	NNE 3	10	8	.....
16	60.49	59.50	21.5	29	94	64	Calm	NNE 2	9	8	.....
17	61.36	60.52	20.5	28.2	94	69	Calm	N 2	8	8	.....
18	62.41	61.78	19.3	26.6	96	71	Calm	NE 2	8	9	.....
19	62.07	60.86	16.7	28	97	65	Calm	N 3	8	8	.....
20	61	59.38	16.2	28.6	96	63	Calm	NNE 2	3	8	.....
21	60.29	58.27	16.5	29	96	62	Calm	NNE 2	7	8	.....
22	59.76	58.89	18	28.6	95	64	Calm	NNE 3	3	7	.....
23	60.42	58.57	17.5	29.1	96	65	Calm	NNE 2	8	8	.....
24	59.03	57.47	18.3	30.7	96	65	Calm	N 1	5	9	.....
25	59.33	57.87	20.7	30.4	95	69	Calm	NNW 1	4	9	2.8
26	59.43	58.70	20.6	31.9	96	67	Calm	N 2	5	8	.....
27	60.33	58.75	20	31.7	96	56	Calm	NNE 2	8	9	.....
28	60.16	58.88	19.5	28.1	95	74	Calm	NNE 2	8	9	2.3
29	60.40	58.91	21.8	30	96	61	Calm	NNE 3	9	8	.....
30	59.98	58.51	18.4	29.4	96	63	Calm	NNE 3	6	9	.....
31	60.45	58.53	23.5	28.9	90	70	Calm	ENE 3	9	9	1.3
Mean	60.36	59.21	20.8	28.2	94.7	71	0.4	2.4	8	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.1

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.98	58.26	23	30.8	95	58	NNE 1	NNE 3	8	9	.....
2	59.26	57.95	23.4	28.7	91	63	N 1	NE 3	7	9	.....
3	59.02	57.66	23.3	30.6	89	57	NNE 2	N 3	4	6	.....
4	59.52	58.08	20.7	30	91	57	Calm	N 3	3	7	.....
5	59.23	58.28	19.4	30	92	59	Calm	NNE 3	5	8	.....
6	58.57	57.11	22.5	27.9	96	81	Calm	NNE 2	8	9	3.8
7	58.43	56.88	21.4	29.7	98	68	Calm	NNE 2	10	9	10.7
8	58.37	57.07	21.4	31.7	99	62	Calm	NNE 2	10	7	.....
9	58.72	57.63	19.7	28	98	77	Calm	NNE 3	9	8	.....
10	58.89	57.50	21	31.3	97	60	Calm	NNE 2	8	8	.....
11	58.48	56.98	22.1	29	95	71	NNE 1	NNE 3	9	9	.....
12	56.59	55.38	25.5	28	86	74	NNE 2	N 3	9	9	12.7
13	54.90	55.25	23.9	28	94	75	WNW 1	NNW 2	10	9	.3
14	57.28	55.98	20.3	31.3	98	69	Calm	NNE 1	8	9	.....
15	58.21	57.03	24	30.5	93	67	Calm	N 2	10	9	.....
16	59.04	57.95	23.4	30.5	92	66	NNE 1	NNE 3	10	8	.....
17	59.83	58.42	22	31.9	96	61	Calm	N 3	9	8	.....
18	60.80	59.49	20.3	30.3	94	56	ENE 1	NNE 3	8	9	.....
19	61.22	60.01	19	30.4	96	59	Calm	N 3	8	8	.....
20	61.42	59.76	19.1	31	96	56	Calm	N 3	8	8	.....
21	60.30	59.01	20.4	30.7	96	63	Calm	N 3	3	8	.....
22	59.10	58.11	22	33	96	62	Calm	N 2	8	8	.....
23	59.56	58.87	21	28	96	91	Calm	NNE 1	8	9	5.4
24	60.39	59.96	22.3	28.4	97	76	Calm	NE 2	8	9	.....
25	60.79	59.79	22.2	26	98	92	Calm	NNE 1	10	10	5.6
26	59.20	58.33	23	28	99	85	Calm	NE 1	9	9	2.8
27	58.44	56.99	22.9	27.7	97	87	Calm	Calm	10	9	2.6
28	58.18	56.94	20.8	32	98	64	Calm	NNE 1	6	8	.....
29	59.46	58.29	21.8	33	98	62	Calm	N 3	8	8	.....
30	59.43	58.22	22.6	31	98	68	Calm	NNW 1	7	8	.....
Mean	59.09	57.91	21.8	29.9	95.3	68.2	0.3	2.2	7.9	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	43.9

NAGA, AMBOS CAMARINES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.05	57.44	21.2	32.4	98	60	Calm	NNE 3	6	8	.....
2	58.35	57.44	21.7	29.8	97	69	Calm	NE 3	7	10	.....
3	58.48	57.18	21.8	32.1	98	66	Calm	NNE 2	9	9	.....
4	59.36	57.91	21.1	31.1	97	64	Calm	N 2	6	9	.....
5	59.79	58.11	21.2	32	98	63	Calm	N 3	8	8	.....
6	58.81	56.89	22	32.2	98	61	Calm	N 3	5	9	.....
7	58.35	56.15	21.9	31.7	98	65	Calm	NE 2	8	9	.....
8	56.87	56.03	23.2	30.3	98	76	Calm	NW 1	10	9	.....
9	56.69	56.36	22.9	27	97	89	Calm	SE 1	8	10	4.3
10	57.89	57.12	24.3	30	97	74	Calm	WNW 1	10	8	.....
11	58.95	57.36	22.4	32.5	98	60	Calm	NNW 1	9	9	.....
12	58.20	57.69	23.8	31.4	97	70	SSE 1	NW 2	9	9	.....
13	57.89	57.75	23.2	30	97	77	Calm	NNE 1	7	9	15
14	59.61	58.66	23.3	32.4	97	63	Calm	NNE 2	9	9	.....
15	59.94	58.10	22.9	32.6	98	63	Calm	NE 2	8	8	.....
16	59.08	56.94	22.2	31.5	98	66	Calm	NNE 1	8	9	.....
17	57.32	55.89	22.6	31.7	97	68	Calm	WNW 1	9	9	.....
18	57.62	56.76	23.1	31	97	75	Calm	WNW 2	8	10	16.3
19	58.65	56.87	22.4	32.5	98	63	Calm	N 2	9	8	.....
20	58.62	56.94	22.1	30.5	96	68	Calm	NW 1	7	9	.....
21	57.92	56.44	21.7	33.2	97	53	Calm	NNW 1	3	8	.....
22	58.23	56.95	20	33	96	52	Calm	NNE 1	4	8	.....
23	58.47	56.59	20.1	33.7	99	47	Calm	NNE 1	6	7	.....
24	57.80	55.78	23.1	33.6	96	58	Calm	SW 1	3	7	.....
25	57.09	56.46	23.5	33.3	96	55	Calm	SW 1	8	9	.....
26	57.71	57.24	24.4	34.2	95	57	S 1	SW 1	8	8	17.3
27	58.68	56.26	24.9	33	96	61	Calm	SW 1	9	8	8.4
28	58.51	57.28	24.2	29.8	95	74	Calm	WSW 1	8	8	.....
29	58.64	56.84	23.2	34.6	97	59	Calm	SW 1	8	9	.....
30	59.78	57.46	24	33.4	97	65	Calm	N 1	9	9	.....
31	60.13	57.29	22.8	32.5	97	60	Calm	NNE 1	8	9	.....
Mean	58.47	57.04	22.6	31.9	97.1	64.5	0.1	1.5	7.5	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61.3

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.83	58.44	22.8	31.5	95	69	Calm	NE 2	9	9	.....
2	58.91	58.48	23.1	25.6	97	93	Calm	Calm	8	10	12.7
3	58.76	56.47	21.4	31.4	99	76	Calm	N 1	9	9	16
4	58.06	56.31	23.1	28.2	97	86	Calm	NW 1	8	9	4.6
5	57.25	55.79	22.4	28.6	98	80	Calm	S 1	9	10	21.4
6	56.19	54.87	24	31.4	97	63	SE 1	SSW 2	9	8	.....
7	57.12	56.40	24.1	32.1	96	58	SE 1	SW 2	5	7	2
8	58.91	58.54	23.1	28.2	97	83	Calm	SW 1	8	9	14.9
9	59.22	58.84	22.4	26.4	98	90	Calm	NNW 1	9	10	4.3
10	58.25	57.41	23.4	28	98	86	Calm	NW 1	10	10	2
11	57.41	56.58	22.7	30.7	97	66	Calm	SW 2	10	9	.8
12	58.40	57.51	24.6	33.2	97	55	SSE 1	SW 2	8	8	.....
13	59.15	58.89	25.4	24.6	95	92	SE 1	Calm	10	10	30.2
14	59.43	57.66	22.4	32.2	99	69	Calm	NNE 1	8	9	.....
15	59.58	57.57	24.2	29.1	98	84	Calm	NW 1	9	9	3.8
16	59.45	58.38	23.4	27.1	98	88	Calm	S 1	8	9	2
17	59.73	58.16	22.5	29.9	98	73	Calm	NNE 1	8	9	.6
18	58.86	57.35	23.1	32.9	97	67	Calm	N 1	8	9	.....
19	59.41	58.71	22.7	25.5	97	89	Calm	S 1	9	9	20.2
20	59.38	58	22.9	31.8	98	70	Calm	NNW 1	8	9	.....
21	58.94	57.31	23.2	32.2	98	66	Calm	NNW 1	8	9	2.3
22	57.85	56.55	23.2	32.3	98	64	Calm	NNW 1	10	8	.3
23	57.80	57.01	22.4	30.5	96	75	Calm	Calm	8	9	.....
24	58.21	55.79	22	30.5	98	70	Calm	NNE 2	8	8	15.7
25	57.02	55.58	22.6	32.6	98	62	SSW 1	NNE 1	8	9	.....
26	54.57	54.43	22.1	25	98	93	Calm	NNW 1	10	10	112
27	51.61	48.45	24.1	25.4	99	97	WNW 2	WNW 2	10	10	87.3
28	47.57	47.69	25.1	25.3	96	94	WSW 3	SW 4	10	10	72.6
29	48.54	49.05	25.7	27.5	84	80	SW 4	SSW 4	10	10	4.1
30	54.05	54.69	24.7	29.4	96	75	SSE 2	SSW 2	10	10	.8
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.32	56.23	23.3	29.3	96.9	77.1	0.5	1.4	8.7	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	430.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.11	57.39	24.4	32.6	97	61	SSE 1	SSW 2	10	8	.....
2	58.81	57.48	22.7	27.3	97	87	Calm	Calm	8	9	11.2
3	57.95	56.72	23.1	31	99	71	Calm	NW 2	8	9	.....
4	56.40	55.29	24.2	24.8	98	95	Calm	SE 1	10	10	29.6
5	54.68	53.93	23	27.9	99	85	Calm	NW 1	10	10	.3
6	53.68	53.79	24	31	97	72	SE 1	SSW 2	9	8	7.1
7	55.91	55.88	25.9	31.6	88	63	SSW 2	SSW 3	9	8	.....
8	57.10	56.11	25.7	31.1	89	65	SW 1	SW 2	9	9	.....
9	55.80	54.40	25	30.4	97	72	Calm	SW 2	10	10	.....
10	54.54	54.18	26.4	29.1	82	76	WSW 2	SW 3	10	10	.3
11	56	54.80	25.6	31	89	67	SSW 2	SW 3	10	8	14.5
12	56.43	56.52	26.9	30.9	79	69	SSW 2	SW 3	8	8	.....
13	57.33	56.26	26.9	31.2	80	68	SSW 3	SW 4	9	8	.....
14	56.33	55.81	26.8	30	83	69	SSW 2	SSW 3	8	9	.....
15	56.59	55.55	26.4	29.9	84	73	SSW 1	SW 3	8	9	.....
16	56.65	56.55	26.1	30.7	88	69	SSW 1	SW 3	9	9	.....
17	57.63	56.78	25.3	31	93	68	SSW 1	SW 3	9	9	.....
18	57.69	56.37	25	31	95	67	SSW 1	SW 3	9	8	.....
19	57.59	56.97	24.5	30.9	96	65	Calm	SW 3	8	8	.....
20	57.19	56.75	24	31.7	97	63	Calm	SW 3	9	8	.....
21	57.39	56.40	24.9	31.3	94	68	S 1	SW 3	7	8	.....
22	56.15	54.86	24.9	31	94	65	SSE 1	SW 3	8	8	.....
23	54.98	54.60	26	32.6	94	63	S 1	SW 2	9	8	.....
24	55	54.47	25.5	32	94	65	S 1	SW 2	9	9	.....
25	55.23	54.59	25.4	31.7	97	66	Calm	SW 3	10	10	.5
26	55.93	55.11	25.4	29.9	97	76	Calm	SW 2	10	10	5.8
27	56.06	55.54	25.2	28.1	93	79	Calm	NW 2	10	10	1.3
28	55.35	55.32	25	29.7	92	75	SSE 1	SSW 3	10	10	36
29	57.10	56.81	24.4	32	92	64	SE 1	SSW 2	10	8	.....
30	58.52	57.94	24.5	32.6	96	63	S 1	SSW 1	9	9	.....
31	59.85	58.72	22.7	33.4	97	58	Calm	NNE 1	8	9	.....
Mean	56.52	55.87	25	30.6	92.5	69.9	0.9	2.4	9	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	106.6

AUGUST.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60	58.39	22.6	33.4	97	59	Calm	N 2	8	8	.....
2	58.87	58.83	22.5	24.5	96	89	Calm	NNE 1	7	10	26.7
3	59.01	58.06	21.8	32.4	97	63	Calm	S 2	8	8	.....
4	59.80	58.34	23.8	32.4	97	62	Calm	SW 2	8	8	.....
5	58.54	57.96	23.5	33	96	62	Calm	SW 2	8	8	.....
6	58.71	57.34	23.4	32.4	97	64	Calm	SSW 2	9	9	.....
7	58.09	57.15	23	32.7	97	57	Calm	WSW 2	8	8	.....
8	58.04	57	24.7	33	94	60	Calm	WSW 1	9	9	.....
9	58.22	57.45	24	27.8	91	80	SE 1	SSW 1	10	10	13.8
10	56.85	56.30	23.3	26.2	96	92	Calm	NNW 1	10	10	15.6
11	56.06	55.34	23.4	26.5	97	85	Calm	SW 1	10	10	8.1
12	55.72	55.94	24.5	23.5	92	93	SSE 1	SW 2	10	10	17.6
13	56.72	56.75	23.2	25.6	95	92	Calm	SW 2	10	10	4.4
14	58.50	57.46	23.4	31.4	93	67	SSE 1	SSW 2	9	9	.5
15	58.72	58.16	23.5	26.7	96	85	Calm	NNE 1	9	10	4.3
16	58.81	57.77	23.4	30.8	97	74	Calm	N 1	10	10	35.3
17	59.04	57.37	24	30.2	98	69	Calm	NE 2	10	9	.3
18	57.24	55.40	23.7	29.7	97	76	Calm	NNE 1	9	10	2.3
19	56.64	55.71	24.5	31	97	72	Calm	SSW 2	10	9	48.8
20	57.38	56.98	23.2	28.8	97	79	Calm	SW 1	9	10	9.1
21	57.71	57	23.4	30.4	98	72	Calm	SSW 2	10	9	.5
22	57.66	56.90	23.5	29.7	97	79	Calm	N 1	9	10	15
23	57.18	56.32	23.2	29.7	98	80	Calm	SW 2	9	10	13.7
24	55.64	54.71	23.9	30.4	97	70	Calm	SSW 3	9	9	1
25	55.89	55.88	25.2	27.9	92	84	SSE 1	SSW 1	8	9	12.5
26	57.10	56.68	24.5	26.3	97	94	SSW 1	SSE 1	10	10	19
27	57.27	56.28	23.8	29.1	98	80	SSE 1	NE 1	10	8	11.2
28	56.71	56.13	24.3	29.2	97	78	Calm	S 1	9	9	2.3
29	57.51	57.10	23.9	31	97	71	Calm	WSW 2	9	8	2.5
30	58.54	57.45	24.9	30.8	94	68	Calm	SW 2	9	9	.....
31	58.15	57.06	24.2	31	97	68	SSE 1	SW 2	9	8	2.8
Mean	57.75	56.94	23.7	29.6	96.1	75	0.2	1.6	9.1	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	267.3

[a] The rainfall of the 10th in the "Monthly Bulletin," page 157, should be 15.6 mm. instead of 15.5 mm., and the monthly total, page 158, should be 267.3 mm., instead of 267.2 mm.

NAGA, AMBOS CAMARINES.

[ϕ=13° 37′ N; λ=123° 11′ E; barometer above sea, 5.67 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.17	57.31	23.2	31.2	97	67	SSE 1	SW 2	9	8	0.8
2	58.22	57.18	23.5	31.5	97	69	Calm	SW 2	8	9	.....
3	57.33	56.03	24.6	31.5	97	69	Calm	WSW 2	9	9	.....
4	55.57	55.21	24.6	25.4	95	94	Calm	S 1	9	10	11.7
5	54.03	52.74	24.3	23.8	97	98	SSE 1	SSE 1	10	10	36.5
6	53.72	53.69	25.1	30	94	74	SSW 1	SW 1	10	9	3
7	55.79	55.10	24.8	30.1	95	75	Calm	SW 2	9	9	.....
8	55.46	54.18	25	31.2	93	69	SSW 1	SW 2	8	8	.....
9	55.99	55.02	25.2	31.6	93	65	SSW 1	SW 2	10	8	.....
10	56.58	55.73	25.2	30.8	95	71	Calm	SW 3	9	9	.8
11	57.40	56.82	26	30.4	92	72	SW 1	SW 3	10	9	.5
12	58.55	57.91	25.8	31.5	93	66	SSW 1	SW 3	10	8	.....
13	59.30	58.20	24.5	31.7	96	64	Calm	SSW 1	8	8	.....
14	59.50	58.41	24.5	32	96	66	Calm	SW 2	8	8	.....
15	59.14	58.26	24.4	32.9	97	61	Calm	SW 2	9	9	.....
16	59.15	57.66	24	31.3	97	70	Calm	SW 1	8	9	15.7
17	60.09	58.10	23.5	32.4	97	60	SSW 1	SW 1	9	8	.....
18	59.84	58.27	23.8	32.8	97	62	Calm	SW 2	8	7	.....
19	60.34	59.14	24.4	29.1	97	77	Calm	W 1	8	9	7.4
20	59.29	56.86	23.5	31.6	97	68	Calm	NNE 2	9	8	.....
21	57.42	55.86	23.5	30.8	96	69	Calm	SW 1	9	8	14.7
22	57.62	56.23	23.1	32.4	97	65	Calm	NNE 1	9	8	.....
23	57.76	56.60	23.2	32	97	67	Calm	SW 2	7	8	.....
24	58.76	57.98	24.2	31.4	97	70	Calm	SSW 1	9	9	6.4
25	60.13	58.85	23	30.8	98	71	Calm	NE 2	9	9	.....
26	60.48	59.10	24.3	30.4	97	77	SSE 1	N 1	8	9	1.3
27	60.15	58.04	24.1	32	96	67	NE 1	NNE 3	8	8	1.8
28	59.13	57.06	24.6	31.5	95	69	Calm	NNE 3	8	8	16
29	56.78	54.16	24.5	30.3	97	72	NNE 1	N 3	9	9	3.3
30	55	53.89	24.6	30.4	97	73	Calm	SW 2	10	9	8.1
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.89	56.65	24.3	30.8	96	70.6	0.4	1.8	8.8	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*mm.*
1	54.99	54.31	24.9	28	96	80	Calm	SW 2	10	10	0.1
2	54.53	53.01	25.7	29.8	88	74	Calm	SW 3	10	9	1.5
3	54.05	53.45	25.9	29.2	91	76	SW 2	SW 3	9	9	5.3
4	56.54	56.73	25.4	27.8	92	84	SSW 1	SSE 1	9	10	7.6
5	59.35	58.65	24.5	31.5	93	68	SE 1	SW 2	10	9	.....
6	60.08	58.44	23.9	32.6	97	65	Calm	SW 2	9	7	.....
7	58.57	57.38	23.5	33	97	67	Calm	SW 2	9	9	.8
8	58.86	58.57	23.7	26.6	97	87	Calm	Calm	9	10	7.4
9	59.25	58.35	22.6	29.4	98	79	Calm	NNW 1	9	9	.....
10	58.75	57.93	22.4	28.2	96	79	Calm	NE 1	7	9	1.3
11	58.60	57.56	22.9	30.5	94	65	NNE 1	NNE 3	8	9	.....
12	58.71	57.90	22.6	30	95	66	NE 1	NNE 3	8	8	.....
13	58.63	57.46	23	28.8	91	71	Calm	N 4	8	9	12.7
14	57.17	55.56	23.5	29.4	93	72	N 1	N 1	9	9	.....
15	54.49	52.92	24.3	23.7	94	96	Calm	SSW 1	10	10	37.5
16	53.05	53.94	23.2	27.5	90	81	S 3	S 2	10	10	15.7
17	56.96	55.10	23.3	30.5	97	72	SSE 1	SSE 2	10	9	3.3
18	56.85	56.01	24	32	97	69	SE 1	S 2	9	8	5.1
19	57.86	56.29	24	32.3	98	68	Calm	SW 2	9	9	.....
20	57.86	56.56	24.4	32.3	97	62	Calm	NNE 2	10	8	3
21	56.95	55.33	24.4	27.5	95	77	NNW 2	NNW 1	10	10	8.9
22	54.40	54.23	25	29.4	95	74	SSW 1	SW 3	10	9	.1
23	58.12	57.76	25	31.4	93	67	SE 2	SSW 2	10	8	.....
24	59.60	58	23	33.4	97	58	Calm	SW 2	8	7	.....
25	59.12	57.83	23.1	34	97	58	SSE 1	WSW 2	8	8	.....
26	60.45	59.88	23.3	28.8	97	86	Calm	SSW 2	8	9	8.9
27	61.90	60.54	22.9	30.5	97	72	NNE 1	NE 3	9	8	3.1
28	61.78	59.85	22.6	31.4	97	66	Calm	N 3	8	8	.....
29	60.45	58.51	23.7	29	94	78	N 1	NNE 3	7	8	.....
30	59.78	57.80	23.2	33.1	97	57	Calm	SE 2	9	9	11.2
31	60.13	59.33	24	27.4	97	83	N 1	Calm	10	10	3.3
Mean	57.99	56.94	23.8	30	95.1	72.8	0.7		2	9	8.8
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134.1

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.26	58.45	21.9	30.7	97	67	Calm	NNE 3	8	9	.....
2	59.90	57.97	21.2	28.7	98	77	Calm	NNE 1	7	8	.....
3	60.09	58.52	19.9	30.8	97	60	NNE 1	NE 3	7	9	.....
4	59.34	58.48	20	31	95	72	Calm	NNE 2	6	8	.....
5	59.74	58.67	23.4	30.4	97	76	Calm	NNE 3	5	8	.....
6	60.36	58.82	21.2	31.5	98	69	Calm	NNE 3	8	8	.....
7	60.43	59.42	22.5	28	96	85	Calm	NNE 3	9	9	6.1
8	60.59	59.59	22	31.2	97	68	SE 1	NNE 1	8	8	.....
9	60.93	59.35	22.2	30.4	95	69	WNW 1	N 3	8	9	.....
10	61.22	59.75	23.9	29.6	94	75	N 1	NNE 3	9	8	6.6
11	61.23	59.72	24	31.1	91	56	NE 1	NE 3	8	8	.....
12	61.13	58.92	23.5	30.3	90	63	Calm	NE 3	9	9	.3
13	61.28	59.99	23.4	30.6	94	69	Calm	N 2	9	9	1.5
14	61.33	59.81	21.8	27.7	94	82	Calm	NW 1	5	9	3.6
15	61.20	59.93	25.1	26.8	89	84	NE 2	NE 3	9	8	5.8
16	60.54	59.14	23.8	30.1	94	65	NE 2	NNE 3	6	8	5.3
17	60.07	59.25	23	25.7	95	91	NE 1	NE 2	10	10	8.4
18	60.35	59.22	21.6	29.6	95	63	N 1	NNE 3	5	7	.....
19	60.40	58.92	18.8	31.2	96	60	Calm	N 2	8	8	.....
20	61.26	59.69	18.1	30.5	97	66	Calm	N 2	3	9	.....
21	61.11	59.63	19.5	26.5	96	85	Calm	N 1	8	9	6.9
22	60.45	58.42	21.8	30	97	75	Calm	NNE 2	10	9	.....
23	60.44	58.57	21.9	28.9	97	80	Calm	N 1	9	9	.....
24	60.73	59.01	23.2	30.2	98	70	Calm	N 2	10	8	.....
25	60.68	58.81	21	31.5	96	65	Calm	N 2	9	8	.....
26	60.26	58.66	20.6	31	96	71	Calm	N 1	8	8	.....
27	60.85	58.89	20.9	31.7	96	69	Calm	N 2	8	8	.....
28	60.35	58.98	21.7	29.4	96	76	Calm	NNE 2	8	9	.....
29	60.69	59.53	22.7	28	95	78	Calm	NNE 4	8	9	2.8
30	60.25	59.62	23.8	27.5	97	82	NNE 1	NNE 2	10	10	19.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.58	59.12	21.9	29.7	95.4	72.3	0.4	2.3	7.8	8.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.6

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.35	59.16	23.5	29.7	96	69	NNE 1	NNE 3	9	8	.....
2	60.41	59.15	19.8	29.5	97	77	Calm	N 3	8	9	.....
3	60.28	59.25	24.1	28.7	91	71	N 2	NNE 4	8	9	.....
4	60.69	59.41	23.1	25.6	86	82	NNE 2	NNE 4	9	9	.....
5	60.32	60.26	24.2	27.8	93	79	NE 1	NNE 3	9	9	.....
6	61.84	60.80	22.9	29.3	82	64	N 2	NE 4	8	9	.....
7	62.35	60.65	19.9	29	96	60	Calm	NE 3	8	8	.....
8	61.95	60.76	19.8	29	91	67	Calm	NNE 3	8	8	.....
9	61.50	59.35	18.2	28.7	95	71	Calm	NNE 4	8	8	.....
10	61.32	59.60	19.2	29.6	97	67	Calm	NNE 2	8	9	.....
11	60.27	58.56	19.6	28.6	97	72	Calm	NNE 2	8	9	.....
12	59.53	58.86	21	28.3	96	71	NNE 1	NE 3	9	9	8.4
13	59.50	58.31	23.4	28.2	97	85	Calm	NW 2	9	9	7.9
14	60.13	58.71	21.2	29.8	98	62	Calm	SSE 1	8	9	.....
15	60.48	59.80	21	29.3	96	70	Calm	NNE 2	9	9	.....
16	60.72	59.82	19.5	30.4	97	66	Calm	Calm 10		9	.....
17	61.54	60.01	19.8	27.7	96	79	Calm	NNE 2	8	9	2.8
18	61.83	60.07	21	28	97	76	Calm	N 2	9	9	.....
19	61.87	61.36	18.4	26	97	82	Calm	NE 2	5	9	.5
20	62.14	60.27	18.8	26.3	97	82	Calm	NNE 2	8	9	.....
21	61.10	59.21	22.4	29	91	68	NNE 1	NNE 3	9	9	.8
22	60.03	58.74	21.4	28.5	96	70	Calm	NNE 3	8	9	.....
23	59.03	58.24	20.9	28.2	96	70	Calm	N 3	9	9	7.6
24	57.87	57.05	23.8	25.4	91	87	N 3	N 4	10	10	11.2
25	53.54	45.40	24.9	24	96	98	N 5	NNE 9	10	10	161.8
26	56.62	56.68	24.7	26.6	86	87	SE 1	ENE 1	8	9	35.6
27	59.41	58.40	21.6	30.4	99	70	Calm	N 1	8	8	.3
28	60.19	59.28	22.6	28.4	97	76	Calm	NNE 2	8	9	30.7
29	60.15	59.61	24.5	26.5	97	90	N 2	N 2	10	10	6.4
30	61.29	59.64	20.5	27.5	99	78	Calm	N 1	10	10	.....
31	61.44	60.32	20.6	25.4	99	92	Calm	N 2	10	6	.....
Mean	60.31	58.93	21.5	28	94.8	75.4	0.7	2.6	8.6	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	274

BATANGAS.[a]

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.23	58.24	21.5	29.9	91	62	ENE 1	SSE 3	10	10	.....
2	60.69	58.55	22	28.2	94	74	ENE 1	S 2	10	10	0.3
3	60.83	59.15	20.4	26.9	93	70	ENE 1	E 3	10	10	.....
4	60.88	59.22	23.3	25.9	83	76	NNE 2	ENE 3	10	10	.....
5	60.79	59.21	22.9	26.5	85	68	NE 1	E 3	10	10	.....
6	60.85	59.38	22.6	25	81	71	ENE 1	ENE 1	10	10	.....
7	61.01	59.24	20.5	25.8	90	69	ENE 1	ENE 2	10	10	.....
8	61.73	60.58	21.8	24.3	79	68	ENE 3	E 2	10	10	.....
9	62.56	60.98	19	24	85	64	NNE 1	ENE 2	10	10	.....
10	61.98	60.29	17.4	28	91	54	NE 1	E 3	7	10	.....
11	61.37	59.51	21.8	27	84	66	ENE 1	ENE 3	10	10	.....
12	60.65	59.25	22.5	26.4	90	73	ENE 2	NE 2	10	10	.....
13	60.48	59.06	23.4	24.6	86	85	ENE 2	E 2	10	10	3.6
14	61.18	59.01	22.7	26.7	90	69	NE 1	E 3	10	10	.....
15	61.36	60.36	22.4	27	82	64	ENE 1	SSE 4	10	10	.....
16	61.57	59.59	21.4	27.1	83	62	NNE 1	ESE 2	10	10	.....
17	60.65	58.97	22	27.8	74	57	E 2	ENE 2	10	10	.....
18	60.20	58.10	21	27.8	86	71	NNE 1	E 3	10	10	.....
19	59.27	57.72	22.5	28.1	83	67	NE 1	ENE 3	10	10	.....
20	60.70	58.75	22.4	28.7	88	59	ENE 1	ENE 3	10	10	.....
21	60.57	58.57	22.6	28.7	75	54	ENE 1	ENE 3	10	6	.....
22	61.38	59.52	20.1	26.2	88	60	NE 1	E 3	10	10	.....
23	60.96	58.40	18.9	27	84	53	NE 1	ENE 3	10	10	.....
24	60.20	57.41	21.2	28	85	62	ENE 1	SE 3	10	10	.....
25	59.87	58.33	22.5	25.5	78	65	NE 1	ENE 3	10	10	.....
26	60.66	59.06	21.7	24.8	80	66	SSE 1	E 2	10	10	.....
27	60.76	58.57	22.3	26.7	80	73	ENE 1	WSW 2	10	10	.....
28	60.34	57.61	21.4	26.5	83	60	ENE 1	ENE 2	10	10	.....
29	59.50	57.87	20.9	28.3	84	56	ENE 1	ESE 3	7	10	.....
30	59.06	57.05	19.6	28	89	65	ENE 1	ESE 2	8	10	.....
31	59.68	58.68	22.5	27	86	65	ENE 2	ENE 4	10	10	.....
Mean	60.71	58.91	21.5	26.9	84.8	65.4	1.2	2.6	9.7	9.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.9

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.80	59.88	22.6	26.3	79	64	ENE 3	E 3	10	10	.....
2	60.67	58.04	23.3	28.6	82	63	ESE 2	E 4	10	10	.....
3	60.03	57.18	23.1	30.2	88	63	ENE 2	ESE 2	9	10	.....
4	58.91	56.65	23.5	29.4	90	63	ENE 1	SSE 3	9	10	.....
5	58.67	56.90	23.8	28.6	92	68	E 1	SSW 3	7	10	.....
6	58.32	56.35	21.5	31	94	62	E 1	WSW 3	6	9	.....
7	58.88	56.96	23.1	29.8	84	54	ENE 1	NNE 3	1	7	.....
8	60.45	59.03	21.8	26.4	83	59	NE 1	ESE 2	10	10	.....
9	61.32	60.12	20.8	24.7	86	72	ENE 1	NE 2	10	10	.....
10	60.64	59.79	22	25.4	85	66	EbyN 1	NNE 2	10	10	.....
11	61.38	59.32	21.8	25.2	78	64	SSE 1	NE 2	10	10	1.5
12	60.45	58.83	22.3	25.5	97	76	NE 1	NE 2	10	10	6.6
13	59.73	58.10	23.3	29.5	87	63	NE 2	ENE 3	10	10	.....
14	59.84	57.41	24.5	30.6	84	57	EbyN 2	SSE 2	6	8	.....
15	59.83	57.05	22	30.1	98	64	ENE 1	WSW 2	3	10	.....
16	61.18	59.65	22.1	26.5	92	69	NE 1	NE 2	10	10	.....
17	62.31	60.52	21.9	25.6	92	68	E 1	ENE 2	7	10	.....
18	62.32	60.28	20.3	24.2	86	69	ENE 1	E 2	10	10	.....
19	62.68	60.37	20.7	25.5	83	66	NE 2	E 4	10	10	.....
20	62.73	61.04	21.8	27.4	75	56	NE 2	ENE 4	10	10	.....
21	62.82	60.21	22.2	26.6	76	53	ENE 2	ESE 4	10	10	.....
22	63.02	61.57	16.8	21.6	94	71	ENE 1	ENE 2	2	10	1.8
23	62.91	60.80	20.4	28.5	83	44	ENE 1	ENE 3	10	10	.....
24	63.64	62.23	15.8	27.8	91	55	NE 1	ENE 3	2	10	.....
25	62.66	61.03	22.1	27.2	81	71	NE 1	ENE 2	10	10	1.8
26	61.57	59.98	22.4	30.7	95	57	ENE 2	ENE 3	10	3	.8
27	62.56	60.55	20.3	30	90	59	ENE 1	S 3	1	9	.....
28	61.87	59.49	19	32.3	92	46	ENE 1	ESE 2	0	2	.....
Mean	61.15	59.26	21.6	27.7	87	62.2	1.4	2.6	7.6	9.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.69	59.40	18.9	31.9	91	48	ENE 1	E 2	2	4	.....
2	62.50	61.15	22.7	29	77	44	E 1	NE 4	5	9	.....
3	63.26	61.55	22.8	27.8	77	55	NE 1	ESE 4	3	10	.....
4	63.33	60.63	21.1	28.4	79	57	ENE 1	ENE 3	10	10	.....
5	62.60	59.85	21.9	30.7	88	48	NNE 1	E 4	3	10	.....
6	62.07	59.75	24.4	31.2	77	50	E 1	E 4	10	6	.....
7	61.84	58.85	22.4	30.7	82	46	NNE 1	ENE 4	10	10	.....
8	60.92	58.47	22.8	26.	81	76	ENE 1	SSW 2	10	10	1.3
9	59.62	56.97	23.2	26.9	90	75	NNW 1	ESE 2	10	10	7.1
10	59.42	57.81	22.6	26.5	95	82	ENE 1	SSW 2	10	10	2
11	60.02	58.32	22.8	29	95	65	WNW 1	SSW 2	10	10	.....
12	59.67	58.20	23.1	28.6	92	65	E 1	SSW 2	10	10	.....
13	59.35	57.15	22.7	29.8	89	60	ENE 1	WSW 2	2	8	.....
14	60.22	57.33	23.4	29.6	96	64	ESE 1	SSW 2	1	1	.....
15	59.52	57.52	24.2	30.2	91	58	WNW 1	WSW 2	1	10	.....
16	60.47	59.18	23.8	27.2	84	73	ENE 1	SSE 2	10	10	.....
17	61.70	59.50	21.7	32.3	86	47	ENE 1	ENE 3	10	9	.....
18	62.67	59.93	22.8	30.4	86	53	ENE 2	ESE 2	10	7	.....
19	62.16	59.33	23.2	31.6	84	47	E 1	S 3	0	6	.....
20	61.46	58.13	21.6	30	84	50	NE 1	S 3	0	0	.....
21	60.50	57.65	22.3	32.2	96	44	ENE 1	SSE 3	6	2	.....
22	60.36	57.94	22	30.6	91	55	ENE 1	SSW 2	0	1	.....
23	60.53	57.13	22.8	32.5	97	44	ENE 1	ESE 2	1	0	.....
24	58.79	56.48	23	32.1	83	53	ENE 1	SSE 2	0	5	.....
25	59.98	57.09	23.4	32.4	98	53	ENE 1	SSW 2	0	2	.....
26	59.42	57.15	22.8	34.2	88	46	NE 1	SSE 3	1	2	.....
27	60.23	57.96	24.8	34.9	89	42	E 2	ESE 3	3	9	.....
28	60.61	57.39	25.8	31	77	56	ENE 2	E 3	9	10	.....
29	60.01	57.67	25.6	33	79	44	ENE 2	ESE 2	10	10	.....
30	60.65?	57.63	25.2	31	80	54	ENE 1	E 3	0	3	.....
31	60.32	58.34	24.8	29.2	76	64	NNE 1	NE 3	8	10	.....
Mean	60.84	58.43	23.1	30.4	86.4	55.4	1.1	2.6	5.3	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.47	57.70	25.4	32.8	77	50	ENE 1	ENE 3	4	10	.....
2	60.21	57.09	25.2	31.6	85	49	NE 1	ENE 2	9	10	.....
3	59.45	56.67	24.8	34.6	84	42	ENE 1	S 3	10	10	.....
4	60.14	57.42	24.5	31.6	84	50	ENE 1	ESE 3	7	8	.....
5	59.83	57.32	25.1	33.9	83	44	NE 1	ENE 3	4	3	.....
6	59.01	55.99	24.9	32	78	51	ENE 1	E 2	9	3	.....
7	58.67	55.39	25.1	31.4	91	54	E 1	SSE 3	10	1	.....
8	59.02	56.05	24.9	34	94	41	ENE 1	S 2	3	1	.....
9	59.36	56.12	24.7	31.4	81	48	NE 1	SSE 3	1	1	.....
10	59.32	56.98	24.8	34	79	47	NE 1	SW 3	1	10	.....
11	59.46	55.95	25	33.3	87	54	E 1	SSE 2	7	10	.....
12	58.33	55.13	24.7	32.4	79	47	E 1	SSW 2	10	10	.....
13	55.96	54.90	21.9	28.7	83	72	E 1	W 2	10	10	.....
14	57.98	55.14	21.6	31.8	87	64	NNE 1	SSW 3	10	10	.....
15	58.67	56.81	22.5	29.3	83	64	ENE 1	ENE 2	10	10	.....
16	59.65	56.95	21.4	32.6	93	52	ENE 1	SSE 3	9	10	.....
17	60.32	57.08	22.3	31.6	97	56	E 1	SE 2	2	10	.....
18	60.95	58.38	23.2	32.6	99	46	NE 1	E 4	10	2	.....
19	60.41	58.71	22.9	33.2	95	45	E 2	E 1	1	1	.....
20	61.15	58.86	20.5	34.4	84	35	ENE 1	NNE 3	1	1	.....
21	60.03	58.56	20.7	33.3	86	44	NNE 1	SSW 3	0	2	.....
22	59.13	56.82	23	35.4	80	40	ENE 1	S 3	10	10	7.6
23	59.20	57.98	22.8	33.6	97	47	ENE 1	E 3	8	9	.....
24	59.86	58.91	25.5	32.8	84	54	NNE 2	E 4	10	10	.....
25	60.40	58.86	24.5	32.3	90	55	NE 1	NE 3	10	10	.....
26	58.91	57.59	24.6	29.8	90	67	ENE 1	NNE 2	10	10	6.6
27	57.67	55.82	24.2	33.4	90	50	N 1	S 3	10	10	.....
28	57.66	55.93	24.6	33.4	89	48	ENE 1	S 4	10	8	.....
29	58.84	56.98	23.4	34.6	85	48	ENE 1	SSE 3	10	9	.....
30	59.13	57.46	23.6	34	89	48	N 1	SSE 4	1	8	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.31	56.98	23.7	32.7	86.8	50.4	1.1	2.8	6.9	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14.2

[a] The barometric readings of this station seem to be somewhat too low.

BATANGAS.

[$\phi = 13° 45'$ N; $\lambda = 121° 03'$ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.79	56.86	23.5	33.8	82	46	NE 1	E 3	0	10	.....
2	58.20	56.61	24.8	35	85	46	NNE 1	NE 3	10	9	.....
3	58.05	56.31	26.2	34.4	79	44	E 1	S 3	1	10	.....
4	58.72	56.95	25.8	34.6	84	42	ENE 1	SE 4	3	3	.....
5	59.03	56.84	25.1	34.4	77	43	ENE 1	ESE 2	1	5	.....
6	58.31	56.11	26	33	84	56	E 2	SSE 2	1	8	.....
7	58.52	55.17	25.7	35.5	80	42	ENE 1	S 3	5	6	.....
8	56.67	54.46	25	34.5	81	48	NNE 1	S 3	10	10	.....
9	56.35	54.61	25.7	34.5	81	50	EbyN 1	E 2	10	10	.....
10	57.12	56.72	25	30.2	88	74	ENE 1	NNE 1	9	10	.....
11	58.36	56.58	25.1	36	85	43	NE 1	E 2	6	10	.....
12	58.21	56.95	27.3	31.7	78	60	E 1	WNW 2	10	10	.....
13	58.39	57.17	26.5	31.5	90	60	ENE 1	E 2	10	10	20.6
14	59.12	57.96	25.5	32	92	59	ENE 1	ENE 2	10	10	.....
15	60.15	57.06	26.2	33.3	85	52	NE 1	S 3	10	8	.....
16	59.15	55.38	25.9	34.2	86	47	ENE 1	SE 2	1	1	.....
17	57.75	55.06	25.8	34.1	88	55	ENE 1	S 2	2	6	.....
18	57.32	55.24	26.3	33.2	86	53	E 1	S 4	4	10	.....
19	58.30	55.22	25.7	33.6	93	50	ENE 1	S 3	10	5	.....
20	58.15	55.55	25.9	34.8	80	42	NE 1	S 2	0	2	.....
21	57.72	55.31	25.7	34.4	86	42	ENE 1	SE 3	0	3	.....
22	58.20	55.91	25.9	33.2	81	48	NE 1	W 2	0	2	.....
23	58.25	56.17	25	33.5	79	56	NE 1	W 3	0	1	.....
24	57.48	55.47	26.9	33.2	86	57	ENE 1	W 2	10	1	.....
25	57.43	55.81	26.3	33.4	93	49	NNE 1	W 2	5	4	.....
26	56.85	55.47	25.3	33.8	86	60	ENE 1	WSW 2	10	10	.....
27	58.07	56.60	25	30.1	88	72	ENE 1	W 4	2	10	.....
28	58.43	56.18	24.6	30	92	79	E 1	W 2	9	10	.....
29	57.80	56.77	24.9	33.4	91	57	E 1	NW 2	0	9	.....
30	59.51	56.58	25.8	32.6	89	60	NNE 1	SSW 3	8	10	35.8
31	58.39	57.17	23.2	31.3	90	61	ENE 1	SSW 3	10	8	.....
Mean	58.15	56.14	25.5	33.3	85.3	53.3	1	2.5	5.4	7.1	
Total											56.4

JUNE.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.69	57.53	25.4	33.1	90	55	N 1	E 3	10	10	.....
2	58.70	58.36	24	24.3	92	90	ENE 1	SSE 1	10	10	35.1
3	58.37	56.01	24.2	32.6	95	57	ENE 1	SE 2	10	9	.....
4	57.72	55.36	25.2	32.2	93	60	NE 1	SSE 2	10	10	.....
5	56.70	54.98	25.5	28.2	89	80	NE 1	N 1	10	10	19.6
6	55.56	54.34	24.8	28.6	94	79	E 1	E 1	10	10	.8
7	55.96	55.13	24.5	30	95	69	ENE 1	SW 1	10	10	21.1
8	57.87	57.91	25	28.3	91	80	WNW 1	E 2	10	10	.....
9	58.74	58.23	24.4	29.7	91	73	ENE 1	ENE 1	10	10	.8
10	58.27	57.46	25.1	25.8	94	89	NNE 1	SW 2	10	10	5.8
11	57.02	56.71	24.8	27	97	80	ESE 1	W 2	10	10	5.8
12	57.72	56.64	23.4	29	97	77	ENE 1	SSW 1	10	10	.....
13	58.41	57.87	24.5	29.4	96	76	ENE 1	SSW 1	10	10	.....
14	58.97	56.72	24.9	33.9	96	55	ENE 1	S 1	10	10	.....
15	58.87	56.92	26.2	31.7	90	67	NE 1	SSE 2	10	10	.....
16	59.76	57.02	25.7	33	90	64	ENE 1	S 3	10	9	.....
17	59.22	56.71	25.9	31.9	91	64	ENE 1	SSE 3	10	10	1.5
18	58.90	56.80	26.2	32.2	85	65	ENE 1	S 3	10	10	2.8
19	59.41	57.24	26.2	33.3	85	56	ENE 1	SSE 3	10	10	.....
20	58.92	56.96	25.4	31.3	93	57	ENE 1	SE 2	10	10	.....
21	58.75	56.09	25.3	31.4	91	60	SE 1	SSE 3	10	10	.....
22	58.03	56.25	25.1	31.2	91	61	ENE 1	NE 1	10	10	.....
23	57.91	56.20	25.9	33.5	88	52	E 1	S 3	10	9	.....
24	57.77	54.78	25.7	34.2	86	42	ESE 1	SE 3	10	6	.....
25	56.95	55.04	25.6	31.2	96	64	E 1	WSW 3	10	10	.....
26	55.01	54.63	25.8	26.8	90	89	ENE 1	E 1	10	10	28.7
27	53.30	51.50	25.8	27	93	88	WNW 2	W 1	10	10	56.7
28	49.62	47.48	26	24.7	92	94	WSW 3	SW 4	10	10	160.5
29	48.24	49.36	25	25.4	94	93	WSW 4	WSW 3	10	10	18.5?
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.25	55.73	25.2	30	91.9	70.2	1.2	2	10	9.8	.....
Total											[b]357.7

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[c]111.8?
16	55.86	55.65	27.4	30	98	70	WSW 3	SSW 3	10	10	.....
17	57.09	56.09	27.4	30.8	76	69	WSW 2	W 3	10	10	.....
18	57.53	55.98	27.4	30.6	74	68	W 2	WNW 2	10	10	.....
19	57.92	56.53	26.9	31.6	88	63	WSW 2	W 3	10	3	.....
20	57.51	56.53	26.9	32.2	77	61	W 1	SW 3	10	10	.....
21	57.77	55.87	26.8	30.2	83	67	W 1	W 3	10	10	.....
22	55.81	54.53	29.7?	31.7	72?	66	WSW 2	SW 3	10	10	.....
23	55.66	54.69	28.8	31.2	78	68	WNW 2	W 3	10	10	1
24	55.34	54.68	29	30.8	81	71	W 2	W 4	10	9	.....
25	55.33	54.32	27.9	29.7	87	75	W 1	WSW 3	10	10	4.3
26	55.90	55.39	24.3	28.6	89	78	WSW 1	W 3	10	10	.....
27	56.18	55.03	25.8	29.2	87	70	N 1	SSW 2	10	10	11.2
28	55.41	54.58	24.4	27.2	96	83	NNW 1	SSW 2	10	10	39.9
29	56.24	55.59	24.6	30.8	87	64	ENE 1	SSW 2	10	10	.....
30	57.52	56.53	25.4	29.7	93	77	ENE 1	SSE 3	10	10	.....
31	59.40	58.14	25.1	32.1	96	64	ENE 1	S 2	10	10	.....
Mean	56.65	55.63	26.7	30.4	85.1	69.6	1.5	2.8	10	9.5	.....
Total											168.2?

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.49	57.85	24.6	30.7	85	69	ENE 2	SSW 3	9	10	68.6
2	59.38	57.58	24.4	30.4	92	70	ENE 1	SSW 2	1	10	.....
3	59.09	57.98	24	31.1	92	64	NE 1	SSW 2	8	10	.....
4	59.66	57.94	25.2	31.7	92	62	E 1	WSW 2	1	1	.....
5	58.86	57.60	25.5	30.7	93	69	NE 1	W 3	1	4	.....
6	58.80	57.45	25.2	30.4	94	65	W 1	WNW 3	8	10	1.3
7	58.67	57.18	25.4	30.8	97	68	W 1	W 3	8	5	.....
8	58.80	57.03	25.8	30.5	97	65	W 1	W 3	10	10	.....
9	58.95	57.23	25.7	28	96	79	WSW 1	WNW 3	10	10	1
10	57.65	56.31	24.8	27.7	98	79	N 1	W 2	10	10	6.6
11	56.71	55.62	24.5	25.5	97	88	WNW 1	SSW 1	10	10	19.8
12	56.07?	54.09	23.6	25.8	97	87	SSW 2	WSW 3	10	10	15.2
13	56.49	55.19	22.9	24.8	98	92	NNE 1	E 2	10	10	23.7
14	57.09	56.71	24.5	28.8	96	79	NNW 1	S 2	10	10	.5
15	58.57	57.49	24	30.4	98	63	ENE 1	WSW 2	10	10	.....
16	59.24	57.81	25	29	98	76	ENE 1	SW 2	10	10	1.5
17	59.45	57.13	25.2	29.9	93	73	N 1	W 2	10	10	10.2
18	57.54	56.38	24.5	25.5	99	88	S 1	WNW 2	10	10	17.7
19	57.30	56.05	25.5	29.5	90	74	W 2	W 3	10	10	13
20	57.85	56.58	26	28.1	94	80	W 1	WNW 1	10	10	2.5
21	58.39	56.97	25	27.8	95	76	WNW 2	WSW 2	10	10	.....
22	58.58	56.85	25.8	29	90	74	WSW 1	W 3	10	10	18.5
23	57.46	56.56	25	27	90	84	SW 1	WSW 3	10	10	18
24	55.83	54.83	25.4	25.5	93	92	WSW 1	W 3	10	10	14
25	55.95	54.78	25.2	28.9	98	78	WSW 1	WSW 1	10	10	5.1
26	57.55	56.64	25	28.1	96	79	W 1	WSW 3	10	10	.....
27	57.55	56	25.1	29.1	99	77	W 1	W 2	10	10	5.1
28	56.62	55.86	25	25.4	98	92	NNF 1	SSW 2	10	10	7.9
29	58.22	56.54	25.2	30.4	86	70	WSW 1	WNW 2	10	10	.....
30	58.25	57.38	25	29.8	93	75	E 1	SSW 3	7	10	.....
31	58.01	57.53	25.4	24.5	93	90	WSW 1	W 2	10	10	3.6
Mean	58	56.68	24.9	28.5	94.4	76.7	1.1	2.4	8.8	9.4	.....
Total											253.8

[a] Temporarily closed from June 30 to July 15. [b] 29 days of observation. [c] Amount of rainfall for 15 days.

BATANGAS.

[ϕ=13° 45′ N; λ=121° 03′ E; barometer above sea, 8 meters; gravity correction not applied, —1.75 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.65	57	25	28.1	97	77	S	1	WSW	2	10	10	.....
2	59.13	56.80	24.8	29.8	93	71	E	1	W	1	10	10	.....
3	57.17	56.09	26	26.1	90	89	W	3	W	2	10	10	17.5
4	56.47	54.45	24	25.2	95	91	NNW	1	WSW	2	10	10	116.8
5	53.73	51.23	24.1	24.9	99	94	W	2	WSW	4	10	10	72.8
6	54.49	54.54	24.2	26.5	97	88	W	1	W	3	10	10	2.5
7	55.33	54.84	25.7	29.4	93	81	W	1	WSW	2	10	10	1.3
8	55.65	54.84	26.2	30	86	75	W	3	WSW	3	10	10	10.2
9	56.55	55.31	26.6	29	91	78	W	2	W	4	10	9	1.5
10	56.52	55.60	26.5	29.2	92	75	WNW	2	W	3	10	10	15.5
11	57.96	57.17	25.8	26.1	93	91	WSW	1	WSW	2	10	10	2.5
12	59.30	57.44	26	29.7	94	76	SSW	2	W	2	10	10	.....
13	59.26	58.08	25.3	30.4	95	71	E	1	WSW	2	10	10	.....
14	59.41	58.57	24.2	30.2	97	69	NE	1	W	2	10	10	2.5
15	60.10	58.16	25.2	29.6	93	70	W	2	W	3	10	6	.....
16	59.90	57.79	25.9	29.2	85	72	W	1	WNW	3	10	10	.....
17	60.31	57.43	25.7	30.8	93	64	NNE	1	WSW	3	10	9	.....
18	59.67	57.48	24.8	31	93	65	E	1	WSW	2	6	4	.....
19	60.26	58.70	25.3	30	96	75	NE	1	WSW	2	8	10	.....
20	59.57	56.98	25.1	30.6	91	74	NE	1	WNW	2	10	10	9.4
21	57.67	55.86	25.4	30.3	97	72	NE	1	WSW	3	3	7	.....
22	57.31	56.28	24.8	29.3	97	73	E	1	WSW	2	1	10	.....
23	57.62	56.02	25.8	30	90	72	ENE	1	S	2	3	9	4.8
24	59.02	57.19	25.2	29.6	98	78	ENE	1	WSW	1	10	10	.8
25	60.11	58.31	25.6	29.3	95	79	NE	1	WSW	1	4	10	5.4
26	60.35	58.58	24.4	30.4	97	68	ENE	1	ENE	2	10	10	.....
27	60.06	57.24	24.7	31	94	75	ENE	1	N	2	1	10	16
28	59.46	56.79	24.6	31.6	96	71	E	1	S	2	1	8	6.4
29	57.24	54.28	23.5	30.8	96	71	E	1	SSW	2	1	10	2.1
30	56.02	54.09	25.8	29.2	94	86	WNW	2	W	2	10	10	20.5
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	58.14	56.44	25.2	29.2	93.9	76.4	1.3		2.3		7.9	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	308.5

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	56.48	54.69	25.6	28.7	88	78	WSW	3	WNW	3	10	10	38.9
2	55.51	53.47	26.2	28.2	93	83	W	3	W	4	10	10	1.
3	54.42	52.85	26.8	30.2	89	75	W	2	WSW	3	10	10	.....
4	55.82	55.91	26.3	28	88	81	W	1	W	1	10	10	8.4
5	59.44	57.87	25.4	30.8	93	73	ENE	1	SSW	2	10	10	.....
6	60.10	58.20	25.4	31	98	70	ENE	1	WSW	2	2	10	.....
7	58.44	57.45	24.1	29.4	97	73	ENE	1	W	2	7	10	.....
8	58.79	57.83	24.6	28.4	97	78	ENE	1	WSW	1	10	10	10.2
9	59.41	58.60	24.4	24.5	97	94	E	1	SSW	2	7	10	21.6
10	59.34	58.12	23.3	25.2	97	98	ENE	1	WSW	2	8	10	11.4
11	58.95	57.10	22.9	27.9	97	81	E	1	ESE	2	10	10	4.8
12	58.97	58.31	23.8	25.4	92	88	NE	1	N	2	10	10	6.4
13	59.09	56.94	23.6	29.1	94	74	ENE	1	SSW	2	10	10	.....
14	57.50	55.58	23.2	30.5	97	75	ENE	1	WSW	2	10	10	.....
15	55.52	53.17	24.3	24.8	97	84	WNW	3	W	3	10	10	100.3
16	49.19	51.54	22.5	23.9	94	91	NE	3	S	2	10	10	5.8
17	54.37	53.02	25.1	27.9	84?	84	SSE	2	SSE	2	10	10	3.6
18	55.49	54.59	24.1	27.5	98	90	ENE	1	NNE	2	10	10	5.3
19	56.76	55.90	24.4	27	97	84	E	1	WNW	2	10	10	1.5
20	58.04	56.30	24.9	27.4	95	87	ENE	1	WSW	2	10	10	.....
21	57.64	55.68	24.6	29.4	95	79	NE	1	W	3	10	10	.....
22	55	54.22	26.4	24.9	81	92	W	3	WSW	2	10	10	21.8
23	57.85	57	25.4	29.4	89	76	SSW	2	SW	1	10	10	.....
24	59.69	57.75	23.1	30.2	98	72	NNE	1	W	2	3	9	.....
25	59.01	57.84	23	29.8	99	73	NNE	1	W	3	10	10	.....
26	59.96	58.88	22.9	31.6	96	66	ENE	1	S	3	8	10	.....
27	61.56	60.15	24	30.8	92	59	ENE	1	ENE	1	10	6	.....
28	61.47	59.84	23.9	30.2	97	68	E	1	ENE	2	8	2	.....
29	60.81	58.10	22.7	31.2	95	50	ENE	1	ENE	2	1	5	.....
30	59.74	57.72	25.2	32.8	97	60	ENE	2	E	3	6	8	.....
31	59.66	58.50	25.4	30.2	88	62	ENE	2	SE	2	9	10	.....
Mean	57.87	56.55	24.4	28.6	93.8	77.4	1.5		2.2		8.7	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	241

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.65	58.13	25.2	31	94	58	E	2	ENE	2	8	8	.....
2	59.76	57.48	24.8	31.8	87	58	ENE	1	ENE	2	1	4	.....
3	59.76	58.38	24	32.9	91	51	ENE	2	ENE	3	1	1	.....
4	59.28	58	21.6	29.5	93	70	NNE	1	E	3	0	10	0.3
5	59.87	58.42	23.4	31.9	92	64	NE	1	ENE	3	1	9	.....
6	60.04	58.35	23.5	32	94	57	NNE	1	E	3	7	9	.....
7	60.22	58.68	23.8	31.5	93	61	ENE	1	E	3	10	8	.....
8	60.82	58.87	24.2	33.1	93	54	ENE	2	E	3	6	10	.....
9	61.07	58.93	22.5	31.8	96	55	NE	1	ENE	3	2	3	.....
10	61.26	59.88	22.6	28.8	94	59	ENE	1	NE	2	10	10	.....
11	61.22	59.79	24.6	32.6	84	58	ENE	1	NE	4	9	10	2.8
12	60.90	58.70	23	29.8	95	66	ENE	1	ENE	4	10	8	.....
13	61.36	59.72	23.9	32	89	54	ENE	1	ENE	4	2	10	2
14	61.29	59.64	23.4	26.4	96	77	NNE	1	ENE	3	4	10	1.3
15	61.09	59.64	22.2	26.8	97	76	ENE	1	ENE	3	1	10	1
16	61.50	58.97	22.8	30.5	94	55	ENE	2	ENE	4	10	3	.....
17	60.46	58.78	23.1	28.6	90	66	NNE	1	E	3	2	10	.....
18	60.68	59.10	20.6	31.6	94	43	ENE	1	ESE	3	0	1	.....
19	60.95	58.93	22.8	30.7	94	56	ENE	1	E	1	10	5	.....
20	60.87	59.53	20.9	30.4	95	64	ENE	1	ESE	2	0	7	.....
21	60.77	58.72	23.8	31.2	87	56	E	2	E	2	0	5	.....
22	60.36	58.49	24.1	29.8	97	62	ENE	1	NNW	1	6	10	.....
23	60.20	58	22.4	30.2	92	64	ENE	1	SSW	1	1	7	.....
24	60.33	58.45	21.8	32.1	96	60	ENE	1	ENE	2	10	10	.....
25	60.40	58.65	22.8	32.3	93	60	ENE	1	SE	2	6	10	.....
26	60.10	58.02	21.8	32	93	60	ENE	1	E	2	0	1	.....
27	60.62	58.48	22	31.2	94	64	NE	1	WSW	2	6	7	4.6
28	60.10	58.22	21.9	31.4	94	59	ENE	1	SSE	3	0	9	.....
29	60.92	58.60	24	30.2	92	62	E	1	NNE	2	10	8	1
30	60.81	59.34	23	31	93	57	ENE	1	ENE	3	1	10	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	60.59	58.76	23	30.8	92.9	60.2	1.2		2.6		4.5	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	13

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.81	58.30	20.4	30	95	58	NE	1	E	3	10	9	.....
2	60.91	58.53	22	30.2	94	63	ENE	1	E	2	10	10	.....
3	61.27	59.12	23.8	30.1	92	54	ENE	1	ENE	3	10	10	.....
4	60.68	58.85	21.2	30.3	93	58	ENE	1	ENE	3	10	10	.....
5	60.37	59.70	22.9	28.5	92	66	ESE	1	ENE	4	10	10	.....
6	61.93	60.40	21.8	30	96	56	NNE	1	ENE	4	5	8	.....
7	62.47	59.98	21.6	28.8	93	53	NE	1	ENE	3	10	1	.....
8	62.47	60.42	22	30	91	53	NNE	1	E	2	2	10	.....
9	61.47	59.33	22.1	29.2	93	55	NE	1	E	3	10	10	.....
10	61.60	59.20	22.4	29.4	96	56	ENE	1	E	2	3	2	.....
11	60.86	58.50	22	30.3	98	59	E	1	E	4	2	10	.....
12	59.90	58.25	22.3	31.9	92	51	NE	1	E	4	4	9	.....
13	60.17	58.70	23.5	28.8	90	65	ENE	1	ENE	3	10	10	.....
14	60.06	58.37	22.4	30.6	96	62	N	1	NNE	3	10	10	.....
15	60.64	59.38	24.4	31.4	91	50	ENE	2	ENE	3	1	4	.....
16	61.42	59.25	24.6	30.8	91	59	ENE	2	ESE	3	1	8	.....
17	62.07	59.70	24.6	31.2	89	55	ENE	1	ENE	3	2	10	.....
18	61.61	59.78	23.6	29.1	85	63	ENE	1	ENE	3	10	10	.....
19	62.40	60.34	22.3	30.7	92	51	ENE	1	ENE	3	1	7	.....
20	62.20	59.82	21.3	31	93	50	NE	1	ENE	3	10	10	.....
21	61.39	58.98	23.2	30.4	93	57	ENE	1	ENE	3	10	10	.....
22	60.78	58.71	20.7	28.7	91	68	ENE	1	SSW	1	10	10	.....
23	60.22	58.69	18.6	28.9	95	61	ENE	1	S	2	7	10	.....
24	60.09	57.98	17.4	30.4	91	46	E	1	N	2	10	10	.....
25	58.52	55	23.3	26.4	84	70	E	1	WNW	2	10	10	50.8
26	55.09	55.93	24.3	25.4	93	88	ENE	3	ENE	2	10	10	12.2
27	58.34	57.77	23.8	29.2	90	65	ENE	2	E	3	10	2	.....
28	60.83	59.14	23	27.8	91	77	NE	1	E	1	1	10	.8
29	60.86	59.49	22.9	28	96	82	ESE	1	W	1	10	10	1.6
30	61.32	59.32	23.4	29.9	93	65	ENE	1	ESE	2	10	10	.....
31	61.49	60.24	23.6	27.2	90	80	NE	1	E	3	5	10	.....
Mean	60.78	58.94	22.4	29.5	92.2	61.2	1.2		2.7		7.2	8.7	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	65.4

LUCENA.

[$\phi = 13° 56'$ N; $\lambda = 121° 37'$ E; barometer above sea, 8 meters; gravity correction not applied, −1.74 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.05	59.24	21.8	25.4	96	84	NE	1	N	2	8	9	.....
2	60.09	59.73	23.4	27.6	90	73	NE	1	N	3	10	7	.....
3	60.80	60.03	22.9	25.3	83	79	N	2	NE	3	5	9	1.5
4	60.84	60.06	22.4	24	92	88	NE	1	NE	2	10	10	7.2
5	60.95	60.41	21.4	23.7	95	83	ENE	1	NE	2	10	10	.8
6	61.05	60.70	21.6	23.5	86	84	NE	1	NE	3	9	10	2.5
7	60.65	60.09	21.3	23.5	95	84	N	3	NE	4	9	10	10.2
8	61.96	61.39	21.1	23	87	75	NE	4	NE	5	10	10	3
9	62.48	61.94	19.7	23.4	85	67	NE	5	NE	5	8	9	3
10	61.87	61.06	19.9	24.5	86	70	NE	3	NE	3	6	8	.....
11	61.91	60.79	22.6	25.1	81	82	NE	1	NE	2	10	9	8.9
12	61.02	60.08	21.8	25	96	92	NE	1	NE	1	10	10	3
13	60.59	60.04	22.3	23.5	96	94	NE	1	ENE	1	10	10	16.3
14	60.54	60.09	23.2	24.5	87	85	NE	3	NNE	4	9	10	4.8
15	61.26	61.56	22.1	24	94	77	NE	3	NE	4	10	10	.....
16	61.99	60.54	22	24.6	83	72	NNE	2	NE	4	9	9	.....
17	61.05	60.13	21.3	25	83	64	NNE	2	NNE	4	8	9	.....
18	60.41	59.48	21.8	24.3	82	81	NE	2	NE	4	10	9	.....
19	59.75	58.65	22.8	26.5	89	74	NE	2	ENE	3	7	7	.....
20	60.52	59.65	22.8	25.4	89	75	NE	2	NE	4	9	10	.....
21	60.99	59.75	22.6	25.9	78	64	NE	3	NE	4	8	7	.....
22	60.64	60.46	21.7	24.1	80	72	NE	1	N	4	4	8	.....
23	60.61	59.42	21.3	25.8	72	63	N	2	NE	5	8	9	.....
24	59.89	58.30	22.1	26.5	82	66	NE	2	NE	4	7	7	.....
25	59.61	59.14	21.5	23.1	87	77	N	4	NE	5	10	10	.....
26	60.40	60.34	20.3	23.5	88	75	NE	4	NE	5	9	10	.....
27	60.21	59.17	22	24.4	78	68	N	4	N	5	10	9	.....
28	59.84	58.47	21.6	25.1	76	67	N	3	NE	4	6	9	.....
29	59.12	59.05	21.5	24.6	83	68	NNE	3	N	4	8	7	.....
30	59.13	58.69	22	26.5	85	74	NE	1	NE	3	7	10	1.8
31	60.09	59.85	21.5	25.4	93	74	NNE	2	NE	3	10	10	1.8
Mean	60.66	59.95	21.8	24.7	86.4	75.8	2.3		3.5		8.5	9.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	64.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	61.25	60.81	21.7	23.4	87	85	NE	3	NNE	2	10	10	.....
2	60.99	60.22	22.8	26	92	83	NE	1	NNE	3	10	9	.....
3	60.38	58.70	23	26.5	95	80	NE	1	NE	3	10	10	12.7
4	59.56	58	23	29.5	95	63	NNE	1	SE	1	10	5	.....
5	58.82	57.49	20.5	29.6	95	64	NE	1	S	1	4	5	.....
6	58.39	57.23	21.5	27.8	92	79	NNW	1	E	2	4	9	.....
7	58.48	58.36	22	25.5	97	68	N	1	NE	4	5	7	.....
8	60.10	59.73	20.5	25.7	91	59	NE	1	NNE	3	9	7	1.3
9	61.05	60.44	21.4	24.5	90	83	NE	1	NNE	3	10	10	3.8
10	61.04	60.31	22.4	24.5	85	73	NE	3	NE	4	10	10	.....
11	61.06	59.96	22.7	24.7	75	73	N	3	N	4	10	10	8.4
12	60.06	59.57	23	23.6	95	86	NE	1	NE	3	10	10	7.6
13	60.07	59.42	23	26	91	80	NE	1	NNE	2	10	9	.....
14	59.95	58.64	23.1	28	90	68	NE	1	N	2	8	7	.....
15	59.37	58.03	23	30	89	65	NE	1	NE	2	6	4	.....
16	60.84	60.98	23	25.5	90	84	NE	1	NE	3	8	9	7.1
17	61.95	61.05	22	25	87	71	NE	2	E	4	8	8	.....
18	61.96	61.05	21.5	24.7	78	63	NNE	3	NE	4	10	9	.....
19	62.03	61.35	20.4	23.4	79	72	NE	3	N	4	10	9	.....
20	62.33	61.78	20	23.5	82	69	NE	1	NE	4	9	10	.....
21	62.62	61.43	21	27	79	53	NE	1	NE	3	10	8	.....
22	63.03	62.25	19.5	22.7	91	80	NE	1	NNE	3	7	9	12.4
23	63.30	61.88	20	26.5	91	50	N	1	NE	4	10	6	.....
24	63.89	62.70	20.5	24.2	77	70	NE	1	NE	4	5	8	.....
25	63.14	61.99	22	24.8	87	75	NE	1	NE	4	9	9	10.9
26	62.05	61.02	22.5	27.7	96	68	NE	1	NE	3	10	6	.....
27	62.95	61.84	21.6	28	90	61	NE	1	NE	3	4	7	.....
28	62.46	60.72	22.5	28.5	87	58	NE	2	NE	3	4	6	.....
Mean	61.18	60.25	21.8	26	88.3	70.8	1.4		3		8.2	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	64.2

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	61.61	60.60	22	27.2	87	65	N	1	NE	3	5	8	.....
2	62.43	62.08	21.5	27.7	86	58	NE	1	N	4	4	7	.....
3	64.06	63.13	23	25.7	83	67	NNE	3	NE	4	8	8	.....
4	63.48	61.94	23.1	26.3	77	71	NE	3	NE	3	9	9	.....
5	62.04	61.09	23	28	90	60	NNE	1	NNE	3	9	7	.....
6	61.96	61.08	23	27.5	87	70	NNE	1	NE	4	10	6	.....
7	61.46	60.13	22	28.3	93	58	NE	1	NE	4	7	6	.....
8	60.11	58.99	23	24.9	81	86	N	2	N	3	9	10	4.1
9	58.83	57.75	23	25.2	91	86	NE	2	N	2	10	10	4.1
10	59.29	58.08	23	26	91	82	N	1	NNE	3	7	9	.8
11	59.75	58.90	23	27.6	89	69	NE	1	NE	4	10	9	2.5
12	59.69	58.93	22.1	27	94	70	NE	1	N	4	8	6	1.5
13	59.18	58.44	22.1	29.2	95	66	NE	1	NE	2	7	7	8.1
14	59.72	57.93	21.1	29.3	95	65	NE	1	SE	1	3	4	.....
15	59.43	58.69	20.1	29.2	97	70	N	1	N	1	8	7	.....
16	60.88	60.19	21.8	27.5	88	66	N	1	NE	3	7	7	.....
17	61.39	60.82	21.4	27	93	69	NE	1	NE	3	6	4	.....
18	62.09	61.65	21	29.6	95	58	Calm		NE	3	4	5	.....
19	61.94	60.98	20.5	28.1	91	62	Calm		N	3	2	4	.....
20	61.39	59.73	20.5	29	91	52	NE	1	NE	2	4	4	.....
21	60.19	58.82	20.7	27.5	90	58	NE	1	NNE	3	6	4	.....
22	60.03	58.74	18	29.2	95	57	Calm		NE	3	4	5	.....
23	60.45	58.68	21	29.6	91	48	N	1	NE	2	7	2	.....
24	58.72	58.59	20	29.6	96	58	Calm		SE	2	2	2	.....
25	59.19	58.31	22.2	31.6	93	57	N	1	SE	1	1	3	.....
26	59.04	58.64	21.5	31	91	62	N	1	S	2	3	3	.....
27	60.08	59.27	23	30.5	95	59	N	1	N	4	4	5	.....
28	60.41	59.08	23	30	91	62	NE	1	NE	4	8	9	.....
29	60.48	58.97	24	30.3	85	49	N	1	NE	4	9	5	.....
30	60.09	58.77	22	30.5	90	55	NNE	1	NE	4	2	7	.....
31	60.68	59.53	24	27	83	75	N	1	NNE	4	7	9	7.4
Mean	60.65	59.63	21.9	28.3	90.1	64.2	1.1		3		6.1	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	28.5

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	60.51	59.07	23	29.5	91	64	NNE	1	N	3	7	6	0.8
2	59.60	58.32	23	30	91	59	Calm		N	3	4	4	1
3	59.01	57.98	24	30.5	91	54	NNE	1	N	3	5	5	.....
4	59.78	58.68	22.8	29	85	58	NNE	1	NE	3	3	7	.....
5	59.54	58.88	22	29.5	95	56	NE	1	N	4	5	5	.....
6	58.83	57.54	23	28.9	85	63	NNE	1	N	4	3	8	.....
7	58.76	56.63	25	31.6	86	54	N	1	NE	3	8	5	.....
8	58.46	57.36	23	32.5	92	48	N	1	N	1	3	5	.....
9	58.73	57.52	22.5	32.3	93	42	N	2	NNE	2	2	3	.....
10	59.08	57.56	23.5	32.6	87	49	NNE	1	NE	3	3	5	.....
11	58.97	57.62	21.3	31.1	94	55	N	1	NE	3	7	7	.....
12	58.23	55.89	24.5	31.6	76	46	N	1	NNW	4	9	9	.....
13	56.68	55.56	22.5	30.6	83	58	NNW	1	SE	2	10	9	.....
14	57.68	55.86	22.6	30.1	90	65	N	1	SE	2	9	9	2.5
15	58.54	57.63	24.7	28.1	92	70	Calm		N	2	10	8	.....
16	58.95	58.16	24	30.4	89	61	NE	1	NE	3	9	7	.....
17	60.05	58.72	24.1	31.2	86	53	NE	1	NE	2	9	6	.....
18	60.94	59.70	23.6	31	86	47	NE	1	NE	3	9	5	.....
19	61.78	60.19	23.6	30.5	88	55	NE	1	NE	3	4	5	.....
20	61.59	59.95	23.5	31.2	84	51	NE	1	NE	4	5	5	.....
21	60.54	59.60	22.7	31	86	50	NE	1	NE	3	1	3	.....
22	59.56	57.92	22.7	32	90	60	NNE	1	NE	2	7	6	13.7
23	59.74	58.72	23.5	32	96	60	Calm		ENE	3	4	6	.....
24	60.57	60.18	24.5	30.1	94	67	N	1	NE	3	5	7	.....
25	61.04	60.13	25	31.6	89	60	N	1	NE	3	7	7	.....
26	59.35	59.16	24.9	26.5	88	90	N	1	N	1	8	8	12.4
27	58.86	57.71	23.7	31.5	91	57	Calm		SSE	2	9	5	.....
28	58.70	57.24	25.1	31.8	92	59	N	1	SE	2	7	4	.....
29	59.46	58.15	24	32.1	91	57	Calm		NE	2	6	4	.....
30	59.09	58.97	25.6	27.2	87	83	Calm		SE	1	2	8	8.6
Mean	59.42	58.22	23.6	30.6	88.9	58.4	0.8		2.6		6	6	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	39

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	58.99	58.04	25	31.6	87	57	NE	1	NNE	3	3	4	1
2	58.71	57.63	24.4	31.5	94	51	NNE	1	NE	3	8	4	.....
3	58.70	57.93	24.5	31.5	92	62	NNE	1	NE	3	4	9	.....
4	59.77	58.65	24.6	31.9	92	52	N	1	SSE	2	5	4	.....
5	59.75	58.73	24.5	31.5	86	59	N	1	NNE	3	4	6	.....
6	59.05	57.45	24.2	31.7	94	59	N	1	N	3	4	5	.....
7	58.61	56.44	25	32.5	88	55	N	1	NNE	3	4	4	.....
8	56.98	56.26	24.7	29	91	78	N	1	N	2	9	8	.3
9	56.77	55.73	25.1	32	90	60	Calm		SE	2	9	7	.....
10	57.63	57.58	25.3	31.6	94	60	NE	1	SE	2	7	10	.....
11	58.89	57.77	24.7	32	92	54	N	1	SE	2	6	6	.....
12	58.66	58.37	26.5	28.5	84	82	N	1	S	1	8	9	1.3
13	58.40	58.27	25.8	28.3	87	82	N	1	N	2	5	8	10.2
14	59.91	59.47	24	27.5	96	84	Calm		S	1	10	9	1.3
15	59.87	58.56	25.5	27.5	91	87	N	1	E	1	6	9	8.6
16	59.06	56.95	23.7	32.3	94	52	N	1	N	2	4	4	.....
17	57.65	56.44	24.5	30	92	67	N	1	SE	2	5	7	1.8
18	57.74	56.86	25	30.4	83	69	N	1	N	1	6	8	21.1
19	58.69	57.37	25.1	27.5	92	86	N	1	S	1	6	6	11.5
20	58.64	57.04	25.4	30.5	88	66	N	1	SE	1	3	6	.....
21	57.76	56.78	24	31.1	93	64	N	1	SE	2	2	4	.....
22	58.17	57.33	22.7	31.5	94	58	Calm		SE	2	2	3	.....
23	58.33	56.85	23	31.1	88	62	N	1	S	2	1	3	.....
24	57.56	55.97	23.5	31.5	95	65	Calm		S	2	4	3	.....
25	56.95	56.32	22.2	31.4	93	63	N	1	S	2	4	5	.....
26	57.60	57	24.6	32	87	64	Calm		S	2	4	5	16.5
27	58.67	57.43	23.6	30.5	95	72	NNW	1	SE	1	5	9	.....
28	58.26	57.38	23.5	31.9	91	58	N	1	S	2	6	7	.....
29	58.43	57.56	23.5	31.8	96	64	Calm		SE	2	3	4	.....
30	59.16	57.76	24	31	96	64	N	1	SE	1	7	8	.....
31	59.33	57.72	23.4	31.5	92	59	N	1	S	2	7	5	.....
Mean	58.47	57.41	24.4	30.8	91.2	65	0.8		1.9		5.2	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	73.6

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.95	58.84	25.7	30.5	88	68	N	1	NNE	2	6	9	5.6
2	59.40	58.57	24.4	28.2	95	77	N	1	N	2	5	9	.5
3	58.86	56.92	25.5	30	85	71	N	1	SSW	2	5	7	.....
4	57.99	56.38	25.8	31.6	88	59	N	1	NE	2	4	7	1.5
5	56.96	55.67	26	28.6	86	80	N	1	E	1	5	9	12
6	56.03	55.41	24	27.5	94	82	N	1	N	1	9	9	6.6
7	56.94	56.97	26	29.6	84	67	SE	2	SE	3	8	7	4.5
8	58.83	58.63	27.3	30.3	79	70	SE	2	SE	3	7	9	.....
9	59.69	59.18	24	29.6	91	74	N	1	SE	3	6	8	.....
10	58.73	57.53	24.5	27.5	89	76	Calm		W	3	9	10	5.1
11	57.44	56.63	22.9	29	95	71	Calm		S	2	8	7	9.1
12	57.98	57.47	22.7	30	96	72	Calm		SE	2	6	5	.....
13	58.66	58.38	24.2	31	96	64	W	1	SSE	2	4	4	3.3
14	59.59	58.33	25.3	29.6	93	72	N	1	SE	1	9	8	.....
15	59.21	57.77	25.4	28.5	89	81	N	1	SE	2	4	9	1.5
16	59.77	58.02	25.3	33.3	91	56	Calm		NE	2	6	6	.....
17	59.71	58.03	24	31	89	63	Calm		SE	1	9	8	.....
18	58.85	57.66	24.9	33.5	84	56	Calm		NE	2	6	7	2.5
19	59.24	58.07	25.3	31.6	89	59	Calm		SE	2	8	6	2.5
20	59.16	58.18	25	30.5	90	68	N	1	NE	2	9	9	.....
21	58.56	57.90	26.1	26.7	88	86	Calm		W	1	8	10	1.3
22	58.11	57.69	24.6	28	87	77	N	1	SW	1	10	10	.....
23	58.03	57.33	25	31.5	92	60	N	1	S	2	7	6	.....
24	58.10	56.30	24.7	31.5	87	59	N	1	S	2	4	4	.....
25	57.01	55.55	23.5	32.6	87	53	N	1	SE	2	9	8	.....
26	54.95	55.54	23.4	25.9	92	90	Calm		NNE	1	9	10	13.7
27	52.89	51.07	24	27.4	95	81	Calm		SW	3	10	10	33
28	49.10	48.22	25.5	24	89	91	W	4	SW	5	10	10	112.3
29	47.86	48.74	24.4	24.8	96	87	S	4	SW	4	10	10	29.2
30	53.13	54.58	23.3	28.5	96	75	Calm		SE	1	10	10	.....
31	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	.....
Mean	57.36	56.52	24.8	29.4	90	71.5	0.9		2.1		7.3	8	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	244.2

JULY.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	56.71	57.37	25.1	29.7	91	75	Calm		S	2	10	4	.....
2	58.46	57.64	24	30.7	92	70	N	1	SE	2	4	4	.....
3	58.02	56.53	23.4	30.5	93	73	Calm		SE	2	2	8	4.8
4	56.67	54.99	23.2	29.8	94	72	W	1	W	2	8	10	.5
5	54.77	54.13	24	27.7	95	79	Calm		S	1	10	10	1.3
6	53.76	53.69	24.6	30	88	69	S	1	W	2	10	9	15.2
7	55.37	55.67	23.5	28.5	94	80	Calm		S	2	7	8	5.4
8	56.84	56.28	25	27.5	83	73	S	2	SW	4	9	10	.....
9	55.44	54.64	25.5	26	84	85	WSW	4	WSW	4	10	10	11.9
10	54.63	54.17	25	26	90	89	SW	1	S	2	10	10	16.3
11	54.56	54.74	23.9	26.5	91	80	SW	1	SW	3	10	9	5.3
12	55.84	55.98	26.2	31.2	72	56	SW	1	SSW	3	9	8	.....
13	56.85	55.79	25.5	31.7	86	56	S	2	WSW	4	4	5	.....
14	55.79	55.33	26.9	30.4	75	63	SW	2	SW	4	10	7	.....
15	56.26	55.32	26.5	30.2	80	64	SW	1	SW	3	8	9	.....
16	56.15	56.12	25.9	31.4	78	52	SW	1	SW	4	10	9	.....
17	56.96	56.68	26.4	30	73	64	SSW	1	WSW	3	4	7	.....
18	57.31	55.95	25.1	32	83	55	Calm		WSW	4	7	9	.....
19	57.45	56.47	25.7	32.4	78	52	SW	2	SW	4	7	4	.....
20	56.96	56.43	25.5	32.5	80	49	SW	2	SW	4	7	5	.....
21	57.51	55.99	26.4	32.6	70	49	WSW	2	SW	4	6	7	.....
22	55.81	54.57	25.8	31.8	80	56	S	2	WSW	4	7	8	.....
23	54.93	54.62	26.9	32.2	79	52	WSW	1	W	4	7	6	.....
24	54.50	54.14	26.8	32.5	79	55	SW	1	W	5	7	5	.....
25	54.54	54.34	28	30	75	73	WSW	3	SW.	2	10	10	.....
26	55.40	54.85	25.6	30.5	75	62	SW	2	SW	4	10	10	.....
27	55.90	55.40	26	26	80	88	W	1	SW	1	10	10	6.1
28	55.06	55.21	23.8	25.7	91	83	SSW	1	SW	3	10	10	4.3
29	56.34	56.64	26.5	28.5	84	79	SW	2	SSE	2	9	10	4.6
30	57.96	57.99	27.1	30.5	80	68	SE	2	SE	2	10	5	.....
31	59.83	59.06	24.7	29.8	94	71	SE	1	SE	2	8	8	.....
Mean	56.21	55.70	25.4	29.8	83.5	67.5	1.3		3		8.1	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	75.7

AUGUST.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1	59.90	58.50	22.4	32	86	57	Calm		S	2	7	8	.....
2	58.90	58.18	23.1	30	94	64	N	1	SE	2	4	6	.....
3	59.02	57.97	22.5	31.2	92	58	Calm		S	3	4	6	.....
4	59.47	58.33	21.7	30.5	94	59	NNW	1	S	2	1	3	.....
5	58.71	57.59	21.3	33.2	92	45	Calm		SW	4	2	5	.....
6	58.79	57.31	21	32	91	50	NW	1	NW	3	7	7	.....
7	57.73	57.05	23.5	34.2	87	47	NNW	1	SW	4	7	4	.....
8	57.95	56.44	23.3	33	89	52	W	2	W	3	5	8	0.3
9	58.05	57.06	23.7	29.6	92	66	NNW	1	SW	2	9	10	.....
10	56.61	56.22	24	27.4	91	78	NNW	1	E	1	10	10	10.4
11	55.62	55.84	24.1	25	85	88	SW	2	SW	1	10	10	4.3
12	55.13	54.94	23.8	26.6	89	83	SW	1	SW	3	10	10	5.3
13	55.98	55.71	25.5	25	88	88	SE	3	W	1	10	10	2
14	57.64	57.70	26.6	28	83	81	SE	2	SE	3	10	10	1.3
15	58.53	58.22	24.1	29.8	95	66	Calm		SE	2	10	9	.....
16	59.68	58.35	22.9	28	97	84	Calm		SE	1	8	9	2.8
17	59.64	57.67	24	29.2	96	73	N	1	WSW	1	9	9	1
18	57.59	55.76	22.7	29	96	68	Calm		W	4	5	7	.....
19	56.35	55.78	24.8	30.5	86	58	W	1	W	4	5	7	.....
20	56.80	56.97	24.5	27.6	82	80	SW	1	NE	1	4	10	7.6
21	57.14	57.15	22.5	27.2	96	83	Calm		S	3	9	10	.....
22	58.03	56.88	22.3	28.5	95	81	N	1	S	1	10	9	2.8
23	57.08	56.21	24.5	29.4	85	71	SW	1	S	2	7	9	.3
24	55.46	54.86	25.4	29.5	80	68	WSW	1	SW	3	4	9	.....
25	55.45	55.02	25.4	31.2	88	63	SW	1	SSE	2	7	7	3
26	56.91	56.83	24	24.8	96	95	SW	1	N	1	10	10	72.1
27	57.13	55.99	22.8	29.3	98	79	Calm		SE	3	9	10	1.5
28	56.52	55.99	24	29.3	95	76	SW	1	SSE	2	9	10	2
29	57.58	56.98	24.2	29.7	91	69	SW	1	W	3	10	9	.....
30	57.95	57.13	24.6	28.7	91	75	Calm		SSW	2	4	8	.....
31	57.53	57.14	24	27	86	87	WSW	1	S	1	4	10	7.1
Mean	57.58	56.83	23.7	29.2	90.5	70.7	0.9		2.3		7.1	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....		.....		.....	.....	123.8

LUCENA.

[ϕ=13° 56′ N; λ=121° 37′ E; barometer above sea, 8 meters; gravity correction not applied, —1.74 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	57.46	57.06	24.5	30	87	71	SSW 1	S 2	8	7	.....
2	58.04	57.23	25.6	31	77	61	SSW 2	W 3	9	9	.....
3	56.96	56.18	26.8	28	77	74	SW 2	WSW 3	9	10	.....
4	54.99	54.36	25.6	25.5	84	92	SW 2	SSW 2	9	10	43.7
5	53.40	51.53	24	25	96	93	Calm	S 1	10	10	57.7
6	54	53.56	23.3	29.2	97	73	SSW 1	WSW 4	10	9	.3
7	55.46	54.32	25	31.5	89	63	SW 1	SW 4	5	5	.....
8	55.19	54.59	25.7	28.5	86	78	SW 1	WSW 4	4	9	.....
9	55.26	55	26.5	31.5	80	57	WSW 3	WSW 4	9	5	.....
10	56.01	55.46	26.2	31	85	64	SW 1	SW 4	9	9	3.8
11	57.72	57.19	24.5	28.5	93	78	W 1	WSW 3	10	10	.....
12	58.04	57.47	25.1	28.8	88	76	S 1	S 2	10	10	.....
13	58.84	58.06	24.9	31.1	88	59	SW 1	WSW 3	10	9	.....
14	59.26	58.19	25.4	31.1	84	60	WSW 1	SW 4	9	7	.....
15	59.05	58.01	24.2	31	88	62	SW 1	W 4	9	7	.....
16	58.92	57.52	24.2	30.2	86	61	SW 3	SW 4	6	8	.....
17	59.61	57.92	23.8	30.6	89	66	SW 1	SE 2	4	6	.....
18	59.84	58.02	23.3	30.5	92	68	Calm	S 3	5	7	.....
19	60	58.75	24	30.1	91	62	NNW 1	WSW 3	6	7	.8
20	59.54	57.22	24	28.5	96	75	N 1	SW 1	9	7	20.3
21	57.80	56.13	23.1	29.6	99	71	WSW 1	SSE 2	3	6	1.3
22	57.76	56.40	22.4	30.4	96	68	NNW 1	SSE 2	6	4	7.9
23	57.68	56.61	23	29.4	97	76	Calm	SSE 1	4	7	.....
24	58.02	57.87	23.5	30.4	96	66	NW 1	SSE 2	8	8	38.1
25	59.74	58.72	23.5	30.5	96	70	Calm	NE 1	5	9	.....
26	60.39	59.34	26	30	85	75	N 1	SE 2	8	9	.8
27	60.63	58.86	25.3	30	92	71	N 1	NE 4	4	4	.....
28	59.73	57.66	25.2	31	87	64	N 2	N 4	4	5	.....
29	57.06	55.13	23	27.6	92	87	N 1	SW 1	2	8	3.3
30	55.10	54.21	23.7	29	96	78	Calm	SSW 3	9	9	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.72	56.62	24.5	29.6	89.6	70.6	1.1	2.7	7.1	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	178

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	54.90	54.02	25.5	29	88	71	WSW 3	W 5	10	10	.....
2	53.98	52.19	26.3	30	80	70	WSW 3	WSW 5	10	10	.....
3	54.25	52.99	25.4	29	88	73	W 2	WSW 3	9	9	.....
4	55.74	56.50	25.4	27.3	87	87	SW 2	SW 2	10	9	3.8
5	58.55	58.04	24.5	29.6	92	75	SW 1	SSE 4	9	7	.....
6	59.93	58.75	23	30.4	93	72	Calm	SW 3	5	5	.....
7	58.47	57.97	23	27.9	92	78	Calm	S 1	4	9	.....
8	59.02	58.17	23.5	28.5	96	78	N 1	N 2	7	9	.....
9	59.46	58.58	23.4	29.5	95	75	Calm	NE 3	5	8	1.5
10	59.26	58.90	24.4	25.8	91	85	NNE 1	NNE 3	8	10	20.9
11	59.12	57.84	22.8	28.1	97	77	Calm	N 3	8	8	11.7
12	59.28	58.50	22.9	28.5	94	73	NE 1	NE 3	10	8	4.1
13	59.35	57.70	23.8	28.7	96	73	Calm	NE 3	9	9	.....
14	57.76	55.84	23.5	29.5	96	74	Calm	SE 3	7	6	.....
15	54.81	53.27	22.7	24.7	97	92	Calm	S 2	10	10	123.5
16	50.08	52.36	24	27	91	74	SE 1	S 3	10	10	4.8
17	55.72	54.49	24.5	28.4	94	78	E 1	SE 5	10	10	.....
18	56.66	55.75	26.6	28.7	83	78	SSE 2	SSE 3	10	10	.....
19	57.14	56.42	26.4	29	88	81	SE 1	SSE 3	8	8	30.7
20	58.01	57.10	24	27.6	97	84	Calm	N 1	10	7	19.3
21	57.81	55.57	24.3	29	91	76	NNW 1	SSE 2	8	9	.....
22	54.40	53.96	25.5	25	78	85	W 4	W 3	10	10	5.3
23	56.90	57.19	25.5	29.5	88	75	W 1	SSE 3	10	9	.....
24	59.13	57.45	22.9	30	92	71	NNW 1	S 3	4	4	.....
25	58.99	57.89	22.5	29.3	95	76	NNW 1	SSE 2	7	8	.....
26	60.45	59.93	22.6	30.1	97	71	Calm	ENE 2	7	8	4.1
27	61.98	60.94	23.5	29	96	69	NE 1	NE 3	7	4	1.8
28	61.55	60.38	24.2	29.9	94	69	NE 1	NE 4	7	6	.....
29	61.04	58.99	24	29.4	93	62	NE 1	N 5	4	5	.....
30	59.14	58.09	24.5	29	93	79	NE 2	NE 3	4	7	8.4
31	60.33	59.13	24.5	29.7	90	71	NE 2	NE 3	5	7	.....
Mean	57.85	56.93	24.2	28.6	91.7	75.9	1.1		3	7.8	8
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	239.9

NOVEMBER.

Day.	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.72	58.90	25	29.6	91	64	NE 1	NE 3	6	5	.....
2	60.01	58.37	23.9	28.8	91	71	NE 1	NE 3	4	7	.....
3	60.01	58.84	24	29.5	91	64	NE 1	NE 4	2	4	0.8
4	59.78	58.88	23.8	28	93	78	NE 2	N 3	8	8	.5
5	59.96	59.02	24.4	29.3	92	66	NNE 1	NE 3	4	4	.....
6	60.10	59.08	24.8	30	96	71	NE 1	NNE 3	6	5	1.8
7	60.43	59.47	24.7	29.5	94	71	Calm	NE 4	7	8	3.8
8	60.91	59.78	24.3	30.1	91	71	NNE 1	NNE 4	5	5	.....
9	61.33	59.96	24.1	29.6	91	67	N 1	NNE 4	4	6	1.3
10	61.11	60.78	24	26.2	91	79	N 2	NE 5	9	9	3.3
11	60.92	60.06	25.4	28.5	80	71	NE 3	NE 5	6	7	38.1
12	60.96	59.77	24.3	28.3	92	74	NE 2	N 4	9	8	.....
13	61.49	60.33	25.5	29.5	82	68	NE 2	NE 4	5	6	1.3
14	61.50	60.36	24.3	26.5	91	90	NE 2	ENE 4	4	10	1
15	61.45	60.43	24.5	27.1	91	77	NE 2	NE 5	5	8	9.9
16	61.24	59.78	24	28.5	91	66	NE 3	NE 5	9	4	7.1
17	60.43	59.40	23.9	27.5	92	81	NE 2	NNE 3	5	9	1.5
18	60.86	59.87	23	28.5	85	64	N 2	NE 3	3	5	.3
19	60.78	59.26	23	28.9	91	64	N 2	NE 3	7	4	.....
20	61.05	60.06	22.5	28.7	94	65	Calm	NE 3	2	4	.....
21	60.76	59.29	22.9	29.1	90	68	N 1	NE 3	4	4	.....
22	60.45	58.86	23.4	30.5	92	68	NNE 1	ENE 2	4	4	1.3
23	60.44	59.13	23.5	28.6	95	74	N 1	NE 2	4	7	1.8
24	60.46	59.42	23	29	95	69	N 1	NE 3	7	6	.....
25	60.44	59.22	23.3	30	94	69	N 1	SE 2	4	4	.....
26	60.04	58.86	24.3	30	89	71	N 1	SE 2	8	4	.....
27	60.62	58.93	22	30.5	96	66	N 1	E 2	4	4	.....
28	60.44	58.96	24	29.6	93	65	NE 1	NE 4	6	5	1.8
29	61.04	59.87	23.3	28.6	90	71	NE 2	NE 4	9	7	9.9
30	61.01	60.01	24.5	28.5	92	68	NE 1	ENE 4	9	7	1.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.69	59.50	23.9	28.9	91.2	70.4	1.4	3.4	5.6	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	87

DECEMBER.

Day.	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.94	59.79	24.1	28.9	86	63	N 2	NNW 3	4	6	6.4
2	61	59.46	23	28.1	96	68	N 2	NE 4	9	7	4.3
3	60.74	59.77	23.6	27.6	91	69	NE 1	NE 4	10	7	.....
4	60.94	59.18	23.4	27.5	85	66	NE 2	NE 5	10	8	1.8
5	60.83	60.59	23.5	26.5	90	76	NE 3	NE 4	10	9	.....
6	62.06	61.12	23.2	28.1	94	65	N 2	NE 4	8	6	.....
7	62.49	61.09	22	28.1	94	56	NNW 1	NE 5	4	4	.....
8	61.78	61	23.2	28.6	81	60	NE 1	N 4	5	8	.....
9	61.24	60.08	22.5	28	96	60	NE 1	NE 4	4	6	1.5
10	61.16	59.81	23.2	29	89	62	N 1	N 4	4	5	.....
11	60.36	59.05	23.4	28	91	74	NE 1	NE 3	4	6	1.8
12	59.55	58.83	23.5	29	91	67	NE 1	NE 4	7	7	3.8
13	60.05	59.15	22.8	25.5	90	88	NE 2	NE 2	9	10	15
14	60.10	58.96	24.3	28.5	93	79	E 1	NE 3	7	9	2.6
15	60.41	60.22	23.2	29.1	96	69	Calm	NNE 3	2	4	.....
16	60.51	59.96	23	29.1	93	71	NE 1	NE 3	2	6	.....
17	61.05	61	22.5	27	95	77	NE 2	NE 2	4	10	2
18	62.11	60.85	23.5	27.6	85	70	NE 2	NE 4	8	8	1.5
19	62	61.06	20.7	28.5	97	64	Calm	NE 4	4	4	.....
20	62.36	60.79	22.6	28	92	69	N 1	N 4	6	10	1.3
21	61.45	59.98	23.4	27.2	93	75	Calm	NNE 4	10	10	.....
22	60.71	59.50	22.1	27.5	93	73	Calm	NE 3	10	6	1.3
23	59.86	59.12	21.6	28	89	61	NE 1	NNE 3	7	7	.....
24	59.44	58.27	19.5	28.8	91	55	Calm	NE 4	7	7	.....
25	57.43	54.30	25.2	24	78	93	N 2	N 5	10	10	108.8
26	55.20	56.85	25.9	25.5	82	89	E 2	ENE 2	10	10	.3
27	58.93	58.80	23.3	28.6	89	69	NE 1	SE 3	7	7	.....
28	60.01	59.75	22.6	27	96	78	NE 1	NNE 3	4	9	1.5
29	60.54	60.22	25	26	85	89	NE 3	NE 4	10	9	4.1
30	61.07	60.19	22.5	28.6	91	71	NE 1	NE 3	7	4	3
31	61.60	60.97	23	27	91	78	NE 1	N 3	4	5	.3
Mean	60.58	59.67	23.1	27.7	90.4	71.1	1.3		3.5	6.7	7.2
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161.3

CANLUBANG, CALAMBA.

[$\phi = 14° 13'$ N; $\lambda = 121° 07'$ E.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1			23.2	28.6	90	73	E 1	NE 2	8	9	
2			23.4	28.9	90	73	NW 1	NE 2	7	8	
3			23	28.8	91	73	NE 1	NE 3	7	9	
4			23.1	26.4	90	69	NE 2	NE 3	10	10	
5			23	26.6	90	65	NE 2	NE 3	10	9	
6			22.1	25.4	90	71	NE 2	NE 4	10	10	
7			22.7	25.4	90	70	NE 3	NE 4	10	9	
8			22	26	91	68	NE 5	NE 6	10	9	
9			20.3	24.6	87	60	NE 4	NE 7	10	10	
10			20.1	26.4	88	73	NE 4	NE 4	9	9	
11			21.9	27	89	77	NE 2	NE 5	10	9	
12			22	26.6	89	70	E 1	NE 2	10	10	0.8
13			22.8	25.8	90	73	NE 1	NW 1	9	9	4.6
14			22.2	27	89	66	NE 1	NE 2	10	9	
15			22.3	27.8	89	60	NE 2	NE 4	10	8	
16			22.2	25.4	89	67	NE 3	NE 3	10	10	
17			21.7	26.6	89	60	E 2	NE 3	10	8	
18			21.9	27.2	92	67	E 1	NE 3	9	8	
19			22	28.2	92	63	NE 1	NE 2	8	8	
20			22.2	28.4	90	61	E 1	E 2	7	9	
21			21.9	26.8	92	60	NE 4	NE 3	8	7	
22			21.7	26.8	90	60	NE 2	NE 4	8	7	
23			21	26.2	89	58	NE 2	NE 4	8	7	
24			21.4	28.2	87	61	NE 2	NE 2	8	8	
25			21.3	26	87	62	NE 3	NE 4	8	9	
26			21.9	24.4	81	65	NE 3	E 3	9	8	
27			21.6	24.3	82	64	E 3	NE 3	9	10	
28			21.2	27	84	59	NE 2	NE 3	9	8	
29			21.9	26.8	81	59	NE 2	E 4	9	8	
30			21.4	28	85	61	NE 1	NE 2	7	9	
31			22.6	26	83	65	NE 2	NE 3	10	9	
Mean			22	26.7	88.3	65.6	2.1	3.2	8.9	8.7	
Total											5.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1			21.9	26	87	65	NE 2	NE 3	10	10	0.3
2			22.4	25.6	89	66	NE 2	NE 3	10	10	.5
3			22.9	28	88	67	E 1	NE 1	10	9	
4			23.4	29	89	67	NE 1	NE 1	10	7	
5			23.2	28.4	89	70	E 1	SE 1	7	9	3.8
6			22.4	29.9	88	55	NW 1	N 1	9	6	
7			22.4	28.3	88	56	SW 1	NE 3	7	7	
8			21.4	26	80	56	E 1	NE 4	6	9	
9			22.4	26	78	60	NE 2	NE 4	8	10	
10			22.6	26.2	81	68	NE 2	NE 3	10	10	
11			22.4	25	83	70	E 1	NE 2	10	10	1.8
12			22.2	26.2	89	67	W 1	NE 3	10	10	
13			22.9	28	89	69	NE 2	NE 2	9	9	
14			22.8	30	88	64	NE 1	NE 1	7	9	
15			21.3	31	88	53	SW 1	NE 1	6	6	
16			24	28	86	62	E 2	NE 4	7	8	
17			22.8	27.8	84	62	NE 3	NE 4	10	7	
18			22	25.4	81	66	NE 3	NE 5	10	9	
19			21	24.4	78	62	NE 4	NE 4	10	10	
20			20.8	26.2	76	56	NE 3	NE 4	10	9	
21			21.1	26	77	56	NE 2	NE 5	10	9	.3
22			19.8	24.4	76	65	SW 1	NE 3	9	10	
23			21.2	27.4	78	53	NE 2	NE 5	10	8	
24			19.9	27.2	81	56	NE 1	NE 3	7	8	
25			22.2	27.4	86	61	NE 2	NE 4	9	8	2.3
26			23.1	29	89	65	NE 1	NE 3	10	7	.5
27			23	29.9	91	55	NE 2	NE 3	8	6	
28			22.8	29.2	86	57	NNE 1	NE 3	7	7	
29											
30											
31											
Mean			22.2	27.4	84.4	61.8	1.7	2.9	8.8	8.5	
Total											9.5

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1			22	29.4	87	57	E 1	NE 2	7	8	0.3
2			23	28	81	57	NE 2	NE 4	8	7	.5
3			23.2	28.4	88	56	NE 1	NE 5	8	7	
4			22.8	26.4	83	70	NE 1	E 3	9	8	
5			23.2	28.9	84	59	NE 1	NE 4	8	7	
6			23.8	28.8	80	60	NE 2	NE 4	8	7	
7			23.9	28.2	81	63	NE 1	NE 3	8	7	
8			23.9	28.9	80	59	NE 1	NE 2	8	9	
9			24	26.6	81	77	NE 1	E 2	7	9	2.8
10			22.8	29	90	65	SE 1	NE 3	8	8	24.1
11			22	29	91	68	SW 1	NE 2	8	7	
12			23.4	29.2	88	66	E 1	NE 2	7	8	
13			23.2	29	89	67	S 1	NE 2	8	8	1.5
14			21.3	29	89	67	SW 1	N 1	7	8	3.3
15			22.6	29.2	89	60	SW 1	NE 1	7	8	.8
16			22.6	28.8	84	61	SE 1	NE 2	7	8	
17			23	29.9	87	59	NE 2	E 2	7	8	
18			23	29.8	88	59	NE 2	NE 2	8	7	
19			22	29	90	55	E 1	NE 2	7	6	
20			21.6	29.8	87	55	E 1	NE 3	6	7	
21			21	29	87	57	E 1	NE 3	6	6	
22			21.4	30	87	55	SE 1	NE 3	7	6	
23			22.1	30	87	59	E 1	NE 3	6	5	
24			22.4	32	88	54	E 1	NE 3	6	7	
25			21.2	32.9	87	55	SW 1	NE 2	6	7	2
26			22.2	33.9	89	51	SW 1	NNE 2	8	7	
27			24.4	30.9	90	55	NE 1	NE 3	7	7	
28			24	29.1	88	66	E 1	NE 3	7	9	5.6
29			24.2	30.4	90	55	NE 1	NE 2	8	7	
30			22	31	88	53	E 1	NE 2	7	6	
31			23.8	29	88	62	NE 2	NE 2	7	8	
Mean			22.8	29.5	86.6	60.1	1.2	2.5	7.3	7.3	
Total											40.9

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1			23.4	29.6	88	58	NE 1	NE 2	9	9	4.6
2			23.2	30.9	88	54	NE 1	NE 3	6	7	
3			23.6	30.4	88	55	NE 2	NE 2	7	6	
4			22.6	29.8	88	55	NE 1	NE 2	7	7	
5			23.2	30	86	59	NE 1	NE 3	6	7	
6			22.5	29.6	87	56	SSE 1	E 2	6	7	
7			24.6	31.6	85	52	E 1	NE 3	8	6	
8			23.4	32.2	87	52	NE 1	NE 2	6	6	
9			23.4	32.4	86	42	S 1	NE 2	6	5	
10			22.2	33.6	86	42	NW 1	E 2	6	6	
11			22.9	32.2	86	49	S 1	NE 3	7	7	
12			24.2	32	86	48	SE 1	E 2	8	8	
13			22.1	34	85	47	SW 1	N 1	8	9	
14			24.2	33.2	86	52	SW 1	N 2	7	9	28.7
15			24.8	25	88	85	NW 1	E 1	10	10	1.5
16			24.2	29.4	86	68	NE 1	NE 2	10	8	
17			25	30.4	87	60	NE 1	NE 3	8	8	
18			23.4	30.9	88	57	N 1	NE 3	9	8	
19			24	31	86	53	N 1	NE 2	8	9	
20			23	31	88	51	NE 1	NE 3	8	8	
21			23.6	31.1	86	53	NE 1	E 3	7	8	
22			24	33.6	88	51	SE 1	NE 2	7	8	3
23			25	32	86	54	E 1	E 3	8	8	.8
24			25.4	30.9	87	60	NE 1	NE 3	10	8	1.3
25			25.1	29.8	88	72	NE 1	NE 2	10	8	2
26			25	31.8	88	55	E 1	E 2	8	9	5.6
27			24.5	32	87	55	S 1	N 2	10	8	
28			25	32.6	88	53	E 1	NE 2	9	6	
29			24.6	33.4	88	52	E 1	NE 3	7	7	
30			25.4	31.8	87	55	E 1	NE 3	6	6	
31											
Mean			23.9	31.3	86.9	55.2	1	2.3	7.7	7.5	
Total											47.5

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24.4	32.3	90	53	N 1	NE 3	5	7	.....
2	.....	.....	25	32	87	53	SE 1	NE 2	8	8	.....
3	.....	.....	24.2	31.1	88	54	NW 1	NE 2	7	7	.....
4	.....	.....	25	32	90	53	NE 1	NE 1	7	8	.....
5	.....	.....	24	32	90	52	N 1	NE 2	7	7	.....
6	.....	.....	25.1	31.9	88	52	NE 1	NE 3	9	7	.....
7	.....	.....	24.2	32.8	88	54	SW 1	NE 2	8	7	.....
8	.....	.....	24.4	31.1	87	59	SE 1	N 2	8	8	.....
9	.....	.....	24.8	31	87	59	E 1	NE 1	7	8	43.4
10	.....	.....	25.4	28.9	88	71	S 1	N 1	8	10	.....
11	.....	.....	25.8	31.8	88	58	ESE 1	NE 2	9	7	.....
12	.....	.....	25.6	30.6	87	60	E 1	NE 2	8	8	.....
13	.....	.....	25.2	28.4	88	74	ESE 1	NE 2	7	9	7.3
14	.....	.....	25.2	31	88	64	NE 1	NE 2	10	9	.....
15	.....	.....	24.4	32.2	87	57	NW 1	NE 2	10	7	.....
16	.....	.....	25.4	32.8	86	53	E 1	NE 2	7	6	.....
17	.....	.....	25.2	32.8	85	53	SSE 1	NE 3	8	8	.....
18	.....	.....	25.3	32.6	84	53	NE 1	NE 2	8	8	.....
19	.....	.....	25.6	34.4	85	48	E 1	NE 2	7	7	.....
20	.....	.....	25.2	33.2	88	47	NE 1	NE 2	6	6	.....
21	.....	.....	25.3	33.7	85	47	NE 1	NE 3	7	6	.....
22	.....	.....	25.6	35.2	85	42	S 1	NE 2	7	6	.....
23	.....	.....	25.4	31.4	86	57	SW 1	SW 1	7	8	5.3
24	.....	.....	25.2	29.4	86	72	SW 1	E 1	7	9	2
25	.....	.....	25.4	32.2	84	55	SW 1	NE 2	7	8	.....
26	.....	.....	25.8	31.6	82	65	S 1	NW 3	8	9	.....
27	.....	.....	25.4	29.8	87	73	SW 1	NW 2	8	9	36.6
28	.....	.....	25.4	29	88	78	SW 1	SW 1	10	9	9.4
29	.....	.....	25.8	28.4	88	70	S 1	S 1	8	10	.....
30	.....	.....	25.2	31.8	87	56	SW 1	NE 1	9	10	.3
31	.....	.....	25.2	32.8	87	56	S 1	NE 1	10	9	.5
Mean	.....	.....	25.1	31.6	86.9	58	1	1.9	7.8	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	104.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	25.2	30.8	88	64	N 1	NE 1	8	9	.....
2	.....	.....	24.8	32.6	85	54	W 1	NE 2	9	9	.....
3	.....	.....	25.7	31.4	84	59	SW 1	E 2	10	8	2.5
4	.....	.....	25	31.5	86	59	ESE 1	NE 2	9	8	.....
5	.....	.....	24.8	30.9	87	66	SW 1	NE 2	9	10	10.2
6	.....	.....	24.6	28.4	88	75	SW 1	NE 2	10	10	.....
7	.....	.....	24.6	29.6	89	69	E 1	S 2	9	9	.....
8	.....	.....	25.4	29.4	87	64	SW 1	SW 2	9	10	.5
9	.....	.....	24.2	29.2	86	62	S 1	S 1	9	10	.....
10	.....	.....	24.2	28.4	90	72	SE 1	SW 2	9	10	37.4
11	.....	.....	24.6	26.2	89	81	SE 1	N 2	9	10	1.5
12	.....	.....	24.2	26.4	91	82	S 1	SE 2	9	10	2.8
13	.....	.....	24.2	26.2	91	84	S 1	SW 1	8	10	17.2
14	.....	.....	25	32.4	92	56	S 1	NE 2	10	9	19.6
15	.....	.....	25	29.4	91	70	SE 1	S 1	10	10	8.6
16	.....	.....	24.1	32	91	61	SW 1	NE 1	10	7	.....
17	.....	.....	24.9	29.2	91	72	SW 1	E 1	10	10	7.4
18	.....	.....	24.2	31.6	90	65	SW 1	NE 1	8	8	.....
19	.....	.....	24.6	31.4	90	63	SW 1	NE 1	9	9	.....
20	.....	.....	25	31.8	90	62	S 1	NE 1	10	10	2
21	.....	.....	24.8	31.2	90	61	SE 1	NE 2	10	8	.....
22	.....	.....	24.4	31.4	90	59	SE 1	E 1	10	10	.....
23	.....	.....	25.2	32.2	91	58	E 1	E 1	9	10	.....
24	.....	.....	24	33.2	91	55	SW 1	NE 2	8	8	.....
25	.....	.....	23.7	33	91	55	SW 1	NE 1	10	8	.....
26	.....	.....	24.9	30	91	67	S 1	NE 1	10	10	3.8
27	.....	.....	24.4	27.8	95	82	E 1	SW 2	10	10	19
28	.....	.....	25.4	25.8	92	88	SW 2	SW 3	10	10	67.6
29	.....	.....	24.3	24.8	91	83	SW 4	SW 3	10	10	58.7
30	.....	.....	25	27.8	91	80	S 2	S 1	10	10	1.8
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	24.7	29.9	89.6	67.6	1.2	1.6	9.4	9.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	260.6

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	24.2	30.8	91	66	SE 1	S 1	10	10	.....
2	.....	.....	23.5	31	90	68	SSW 1	W 1	8	9	13.7
3	.....	.....	24.4	29.2	91	81	W 1	S 2	9	8	4
4	.....	.....	23.5	27.3	92	74	WSW 1	SW 1	9	10	1.8
5	.....	.....	24.2	26	91	79	S 1	SW 1	10	10	7.6
6	.....	.....	24	26.9	92	82	S 1	S 2	10	10	2.8
7	.....	.....	25	28.1	91	74	SW 1	SW 2	10	10	4.1
8	.....	.....	25.2	27.9	91	75	SW 1	SW 2	10	10	1.8
9	.....	.....	24.4	24.5	92	92	SSW 1	SW 2	10	10	29.5
10	.....	.....	25	26.6	95	89	S 3	SW 4	10	10	17
11	.....	.....	25.4	26.8	91	86	S 2	S 4	10	10	2.5
12	.....	.....	26	30.5	84	61	S 3	SW 4	10	8	.3
13	.....	.....	25.6	31.3	87	64	SSW 2	SW 2	10	9	.8
14	.....	.....	25.2	29.8	92	70	S 1	SW 3	10	10	13
15	.....	.....	25	29.1	90	77	SW 2	SW 2	10	10	17
16	.....	.....	24.8	30.7	90	68	S 1	SW 2	10	9	.....
17	.....	.....	24.8	31.3	88	65	SW 1	SW 2	9	8	.5
18	.....	.....	24.4	30.5	90	69	SW 1	SW 2	8	10	3.3
19	.....	.....	24.6	31.4	90	62	S 2	SW 2	9	8	.....
20	.....	.....	24.2	31.4	90	61	S 1	SW 2	9	8	.....
21	.....	.....	24	30.9	91	67	SW 1	SW 2	8	10	.....
22	.....	.....	26.8	31.6	89	60	SW 2	SW 3	9	10	7.1
23	.....	.....	24.5	31	92	63	S 1	WSW 2	9	8	.....
24	.....	.....	25.6	31.4	89	65	SW 1	SW 3	8	8	.....
25	.....	.....	26	29.4	90	77	SW 1	SSE 1	10	10	4.8
26	.....	.....	23.5	30	92	69	S 1	SW 2	10	10	.8
27	.....	.....	23.8	26	94	84	N 1	S 1	10	10	11.9
28	.....	.....	24	24.5	92	92	S 1	SW 2	10	10	30.2
29	.....	.....	22.8	28.9	93	72	SW 1	SW 2	10	10	.....
30	.....	.....	25	31.2	92	68	S 2	S 1	10	8	.....
31	.....	.....	24.8	31.4	93	63	NE 1	S 2	10	10	.....
Mean	.....	.....	24.7	29.3	90.8	72.4	1.3	2.1	9.5	9.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	174.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22.2	32	95	64	SW 1	N 1	9	9	8.6
2	.....	.....	22.4	27.4	95	77	S 1	NW 2	8	9	.....
3	.....	.....	22	26.6	96	84	SW 1	N 1	8	10	27.7
4	.....	.....	23	31.1	95	63	S 1	SW 2	9	8	.....
5	.....	.....	22.8	31.9	95	61	SW 1	WSW 2	9	8	.....
6	.....	.....	23	31.6	93	63	S 1	SW 1	9	9	.....
7	.....	.....	24	32	93	62	SW 1	WSW 2	9	8	.....
8	.....	.....	24.2	31.8	92	58	SW 1	SW 1	9	8	2.5
9	.....	.....	25	25.5	93	81	SW 1	S 2	10	10	7.9
10	.....	.....	23.4	27.9	95	79	S 1	S 1	9	10	18.5
11	.....	.....	23.1	25.4	97	88	SW 1	SW 1	10	10	32.3
12	.....	.....	22.9	26.4	96	84	SW 1	S 2	10	10	7.6
13	.....	.....	22.8	25	97	90	S 2	S 1	10	10	21.3
14	.....	.....	23.4	29.6	97	69	SSE 1	S 1	10	10	.....
15	.....	.....	22	27.4	95	84	S 1	N 1	10	10	6.6
16	.....	.....	23	30.9	97	69	SW 1	NE 1	10	10	6.6
17	.....	.....	24.2	29.9	97	73	NW 1	N 1	10	10	1
18	.....	.....	23.8	28.8	93	75	S 1	WSW 2	9	10	.8
19	.....	.....	24	25.4	97	87	S 1	SW 2	10	10	25.1
20	.....	.....	23.8	25.8	95	88	S 1	S 1	9	10	42.9
21	.....	.....	22.4	24.2	97	90	SSW 1	SW 1	10	10	44.2
22	.....	.....	23.8	29	97	77	S 1	SW 1	10	10	30.5
23	.....	.....	23.2	23.9	97	97	S 1	SW 1	10	10	70.4
24	.....	.....	23.4	26.4	95	85	S 1	S 1	10	10	1.5
25	.....	.....	23.8	30.4	94	72	S 1	SW 2	10	9	.....
26	.....	.....	24.5	25.8	96	90	S 1	SW 2	10	10	53.8
27	.....	.....	23.4	25.6	97	92	SW 1	W 1	10	10	12.9
28	.....	.....	24	25.1	97	94	S 1	NW 1	10	10	34.5
29	.....	.....	23.8	29.8	97	69	S 1	SW 2	10	10	.....
30	.....	.....	23	29.4	97	72	S 1	SW 3	9	9	1.5
31	.....	.....	23.4	26.4	96	84	SW 1	SSW 1	9	10	.8
Mean	.....	.....	23.3	28	95.6	78.1	1	1.4	9.5	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	459.5

CANLUBANG, CALAMBA.

[ϕ=14° 13′ N; λ=121° 07′ E.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1			22.4	30.2	97	64	S	1	S	1	10	10	5.6
2			22.8	30.8	97	64	W	1	SW	3	10	10	1.8
3			24.5	25	97	92	NW	1	SW	1	10	10	23.8
4			24	27	98	81	S	1	W	1	10	10	66.8
5			23.2	25.2	97	93	SSW	1	S	1	10	10	45
6			24	28.9	96	78	SSW	2	W	2	10	10	.8
7			23.4	30.9	97	65	S	1	SW	2	9	8	.....
8			24.4	25.4	96	88	S	1	SW	2	10	10	2.6
9			24	30	95	66	S	1	SW	2	10	8	.....
10			24.4	30.9	93	65	WSW	1	SW	2	10	10	13
11			24.4	25.4	95	87	SW	1	SW	1	10	10	8.8
12			24.2	29.9	95	71	S	1	S	1	10	10	.5
13			24.2	31.4	97	66	SW	1	SW	2	10	10	.....
14			24.4	31	96	66	SSW	1	SW	2	10	10	4.1
15			23.4	30	95	67	S	1	WSW	2	10	9	.....
16			23.7	30.1	95	67	S	1	W	2	10	10	5.3
17			23	28.6	98	81	SW	1	NNE	1	8	9	8.9
18			24	25.4	97	90	S	1	NE	1	8	10	26.4
19			23	30.1	97	71	W	1	S	2	8	8	2
20			23.4	30.8	97	69	SSW	1	N	1	9	8	14
21			23.2	28.8	97	81	SW	1	SSW	1	7	10	5.1
22			23	27.4	97	86	SW	1	S	1	8	9	4.3
23			23.3	30.4	97	69	SSW	1	WSW	2	9	8	.....
24			24	29.8	97	77	SW	1	NE	1	10	10	14.5
25			23.2	31	93	71	SW	1	NE	2	8	9	7.6
26			24	29.5	97	75	E	1	E	1	10	10	1.3
27			24.1	31.4	96	68	NE	1	ENE	2	10	7	.....
28			23.8	31.2	93	68	E	1	E	1	7	8	.....
29			23.4	32.6	95	62	SW	1	N	2	8	9	1
30			23.8	30.2	93	70	S	1	SW	3	9	10	.....
31													
Mean			23.7	29.3	96	73.9		1		1.6	9.3	9.3	.....
Total													263.2

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1			25.4	29	93	74	SW	2	W	1	10	10	.....
2			25.4	31	93	71	SW	1	SW	3	10	9	.....
3			25.4	30.4	92	68	S	1	WSW	3	10	10	.....
4			24.6	29	95	74	W	1	SW	1	10	10	3
5			24.4	32	95	61	SSW	1	S	2	10	10	.5
6			23.2	30.1	95	77	SW	1	NE	1	8	10	13.2
7			23.4	27	93	90	SW	1	SW	1	10	10	35.3
8			23.5	28	97	80	SSW	1	N	1	10	10	3
9			22.4	29	97	78	SW	1	NE	1	8	10	6.9
10			23.4	26.5	97	85	NW	1	NE	1	10	10	4.1
11			23.2	31.2	97	67	E	1	NE	1	10	9	1.5
12			22.6	29.4	95	70	S	1	E	2	9	9	.....
13			22.6	29.5	96	67	NE	1	NE	1	8	10	.....
14			23	30.6	96	65	SW	1	WNW	1	10	8	.....
15			23	24.9	96	94	SW	1	SW	1	10	10	186.7
16			22.4	26.4	96	78	E	2	E	2	10	10	4.3
17			23.6	27.6	95	82	E	3	S	2	10	10	10.2
18			24.5	28.2	95	85	SSE	2	S	1	10	10	3.8
19			24.4	24.3	97	96	SW	1	E	1	10	10	26.1
20			22.8	30	97	73	S	1	W	2	10	8	.....
21			23.6	31	96	64	SW	1	W	2	10	8	.....
22			24	25	93	88	S	1	SSW	4	10	10	13.7
23			24.2	29.4	93	75	S	1	SW	2	10	10	2.5
24			21.5	31.2	95	67	NW	1	NW	2	7	7	.....
25			24	27.8	95	89	S	1	E	1	8	10	9.4
26			22.8	28.9	97	74	SSW	1	SE	2	8	10	.....
27			23.6	30	96	68	SSE	1	NE	2	8	7	1.5
28			24.6	29.3	92	75	NE	1	NE	2	10	7	2.5
29			23.2	30.2	94	66	SSE	1	NE	3	7	7	1
30			23.9	29	96	77	NE	1	NE	2	10	9	2.5
31			23.9	29.7	96	73	ENE	1	NE	2	9	8	16.3
Mean			23.6	28.9	95.2	75.8		1.2		1.7	9.4	9.2	.....
Total													348

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1			24.6	29.8	95	68	E	1	NE	2	10	9	1
2			23.2	30	95	66	S	1	NE	2	8	7	1
3			23.4	29.6	95	67	E	1	E	2	10	7	.....
4			22.2	26.2	97	82	E	1	ENE	1	9	10	5.3
5			23.4	29.6	95	75	NE	1	NE	2	9	8	1
6			24.4	30.4	93	66	E	1	NE	2	8	7	.8
7			24	30	97	70	N	1	NE	2	10	7	12.4
8			23.8	30.1	95	68	NE	1	NE	2	10	8	.5
9			23.2	30.1	97	69	N	1	NE	2	9	9	1.5
10			22.2	28.4	97	73	N	1	NE	1	10	10	2.8
11			23.5	29.5	96	70	NE	2	NE	2	10	8	3.6
12			23.6	25.6	98	88	NE	2	NE	2	10	10	6.1
13			23	28.3	95	75	E	1	NE	2	9	10	3.3
14			23.4	27.9	97	84	ENE	1	NE	2	10	10	9.9
15			23	26.4	97	82	NNE	1	E	1	10	10	2.5
16			22.2	29.1	95	74	NW	1	NE	3	10	7	.....
17			23.8	28	93	77	N	1	E	1	8	9	.....
18			22.1	29.4	96	72	E	1	NE	2	8	6	.....
19			22	29.2	96	70	E	1	NE	2	9	6	.....
20			20	29.6	96	59	SW	1	NE	2	8	7	.5
21			19.9	30	96	62	N	1	NE	2	9	7	.....
22			21.4	31.4	96	61	NW	1	NE	1	9	9	1.5
23			21.5	31	96	65	S	1	NE	1	10	9	.....
24			21.4	30.2	96	65	SW	1	E	1	10	7	.....
25			22.2	30.7	95	63	SW	1	NE	1	9	7	.....
26			20.7	31.4	97	65	SW	1	N	1	9	8	.....
27			22.4	31.6	95	60	SW	1	NE	2	10	7	.....
28			22	30.4	96	65	SW	1	NE	2	9	7	.....
29			23.8	29.2	95	68	NE	1	NE	1	8	7	.....
30			23.6	29	93	71	NE	1	NE	2	8	6	.....
31													
Mean			22.7	29.4	95.7	70		1.1		1.7	9.2	8	.....
Total													53.7

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.		Wind, direction and force (0-12). 2 p. m.		Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*					*0–10*	*0–10*	*mm.*
1			22.8	29.3	95	68	NE	1	NE	2	10	8	.....
2			22.5	29.4	94	68	W	1	NE	2	9	10	.....
3			23.4	29.4	93	63	NE	1	NE	2	9	7	.....
4			22.3	27.2	97	82	NE	2	NE	2	9	10	.....
5			23.3	29.1	97	65	NE	2	NE	3	10	10	.....
6			22.1	29	97	64	NE	2	NE	3	10	8	.....
7			21.3	28.9	97	59	NE	2	NE	3	10	6	.....
8			21.2	28.8	97	64	NE	1	NE	3	10	8	.....
9			23.6	27	95	70	NE	1	NE	2	10	10	1.5
10			22	29.4	96	68	SW	1	NE	3	9	7	.....
11			21.8	28.2	96	66	SW	1	NE	2	10	9	.....
12			22.6	30.1	95	64	E	1	NE	2	10	8	.5
13			23.8	24.8	92	79	NE	2	NE	2	9	10	8.9
14			22.6	29.8	97	66	N	1	NE	2	10	9	.....
15			23.4	29.9	97	65	S	1	NE	2	10	8	.....
16			21	29.4	95	67	SW	1	NE	2	10	8	.....
17			21.6	30.4	96	62	S	1	NE	2	10	10	.....
18			22.1	28.9	96	63	NE	2	NE	2	10	9	.....
19			22.2	29.4	97	61	N	1	NE	3	8	7	.....
20			21	29	96	65	N	1	NE	2	9	9	.....
21			22.2	28.9	97	65	NE	1	NE	2	10	8	.....
22			20	29.5	96	61	W	1	NE	2	9	8	.....
23			19	29.2	97	54	SW	1	E	2	9	7	.....
24			18.6	31.2	94	50	SW	1	NE	1	10	7	.....
25			23	27	93	70	NW	1	NW	2	10	10	51.1
26			24.4	25.4	96	87	NE	3	NNE	2	10	10	10.5
27			22.8	28.5	94	70	W	1	NNE	1	10	9	2
28			22.8	28.8	93	75	S	1	ENE	1	9	10	.....
29			23.2	28	95	77	NE	1	E	2	10	8	.....
30			22.8	29	95	69	S	1	NE	1	10	9	1.5
31			22.6	28.2	97	74	E	1	NE	2	10	10	.....
Mean			22.2	28.7	95.5	67.1		1.3		2.1	9.6	8.6	.....
Total													76

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, −1.73 mm.]

JANUARY.

Day.	Pressure, 700 mm.+[a] 6 a. m.	Pressure, 700 mm.+[a] 2 p. m.	Temperature.[a] 6 a. m.	Temperature.[a] 2 p. m.	Relative humidity.[a] 6 a. m.	Relative humidity.[a] 2 p. m.	Wind, direction and force (0-12).[a] 6 a. m.	Wind, direction and force (0-12).[a] 2 p. m.	Cloudiness.[a] 6 a. m.	Cloudiness.[a] 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.65	59.24	22.3	26.8	87	73	E 2	ENE 2	7	9	.....
2	61.21	59.91	22.8	27.2	94	70	SE 1	NE 3	9	7	.....
3	61.37	60.29	22.9	25.7	83	76	SE 1	ENE 3	7	9	0.5
4	61.11	60.08	22.3	25.1	93	80	NE 1	ENE 3	8	9	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.8
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	62.59	61.69	22.1	22.7	77	78	ENE 4	NE 3	9	9	.....
9	63.61	62.22	20.3	22.5	80	72	ENE 4	ENE 4	9	9	.....
10	61.83	61.50	20.1	24.1	83	71	ENE 2	ENE 3	7	8	.....
11	62.33	60.81	21.9	24.9	83	76	ENE 3	ENE 3	9	8	2.8
12	61.26	60.41	22	24.8	97	85	SE 1	NNE 2	9	9	4.8
13	60.65	59.71	21.8	24.8	98	85	SSE 1	NE 1	9	9	5.6
14	61.08	60.25	23.3	25	84	76	ENE 2	NE 4	9	9	.3
15	61.50	61.46	22.7	24.9	80	72	ENE 3	NE 3	9	9	.....
16	62.45	60.70	21.8	24.8	84	64	E 3	NE 4	7	8	.....
17	61.67	60.13	20.9	24.5	85	66	NNE 1	NE 4	9	9	.....
18	61.09	59.36	21.7	25.4	85	70	SE 1	ENE 4	9	8	.....
19	60.08	58.72	22.4	26.1	88	71	ESE 1	NNE 3	7	8	.....
20	60.62	60.13	23	25.8	86	68	NE 2	NE 5	9	8	.....
21	61.37	59.92	22.2	24	77	70	ENE 3	NE 4	7	9	.....
22	61.21	60.56	21.3	24.8	72	66	ENE 2	ENE 3	4	6	.....
23	61.21	59.82	20.7	24.7	76	64	E 2	NE 4	8	7	.....
24	60.49	58.58	22.3	26.5	78	65	ENE 2	ENE 4	8	6	.....
25	60.08	59.37	22.3	23.3	79	75	ENE 2	ENE 3	9	9	.....
26	60.74	60.43	21.7	23.7	76	71	ENE 3	ENE 4	9	9	.....
27	60.68	59.66	21.7	22.8	77	80	ENE 3	ENE 2	9	9	.....
28	60.71	58.68	20.8	25.3	84	68	ENE 2	ENE 3	8	9	.....
29	59.74	59.10	21.8	24.7	80	75	ENE 2	ENE 3	8	7	.....
30	59.58	58.43	21.7	26.3	85	74	SE 1	ENE 2	6	9	.3
31	60.42	59.72	21.2	23.9	95	81	E 1	ENE 3	9	9	.....
Mean	61.12	60.03	21.9	24.8	83.8	72.9	2	3.2	8.1	8.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.1

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	61.50	60.52	21.9	25	86	73	ENE 3	ENE 3	9	9	.....
2	61.11	59.92	23.7	26.2	79	73	E 4	ENE 4	9	9	0.8
3	60.40	58.37	23.3	27.6	90	77	ENE 1	E 2	9	9	.....
4	59.37	57.41	22.7	29.4	96	71	ENE 1	ENE 2	3	6	.....
5	58.88	56.90	21.1	29	98	64	NE 1	WNW 1	2	8	.....
6	58.44	56.76	21.2	30.4	97	64	SE 1	WNW 1	4	3	.....
7	58.72	58.32	21.8	25.5	89	66	ESE 1	NE 4	3	7	.....
8	60.47	60.11	21	24.3	85	69	NE 1	NE 3	7	9	.....
9	61.33	60.56	21.8	23.1	85	84	NE 2	NE 2	9	9	.....
10	61.60	60.86	22.8	24.4	79	71	NE 4	NE 3	9	9	.....
11	62.05	60.57	22.4	24.2	77	74	E 1	NE 2	9	9	.3
12	60.56	59.75	22.2	24.3	93	79	ENE 1	NE 4	9	9	.....
13	60.61	59.15	23.2	26.3	84	74	NE 1	NE 3	9	9	2.8
14	60.03	58.17	22.3	29.3	89	57	E 1	ENE 3	7	3	.....
15	59.80	57.44	21.3	31.3	95	56	E 1	NE 3	3	3	.....
16	61.18	60.68	23.2	24.7	86	80	NNE 1	NE 3	9	9	5.6
17	62.53	61.31	22.7	24.9	80	72	NE 2	NE 3	9	9	.....
18	63.03	61.58	21.5	23.5	78	66	ENE 3	NE 3	8	8	.....
19	62.81	61.69	21.1	22.7	75	69	ENE 2	ENE 4	9	9	.....
20	62.89	61.51	20.3	23.8	77	68	ESE 1	ENE 3	9	9	.....
21	62.81	61.38	20.9	25.5	76	59	ENE 2	NE 3	6	8	.....
22	63.46	62.23	19.9	22.8	96	75	SE 1	NE 3	9	9	1.3
23	63.08	61.80	20.8	26.1	79	88	ENE 2	NE 5	8	7	.....
24	63.97	62.98	20.1	24.2	76	66	NE 1	NE 3	3	9	.....
25	63.10	61.85	22.2	25	81	75	NE 1	NE 2	9	9	1.5
26	62.06	60.94	22.3	26.8	92	73	ENE 1	ESE 2	9	9	.....
27	61.78	61.14	22.7	29.7	82	56	E 2	E 3	3	3	.....
28	62.28	60.65	21.4	29.1	92	57	E 1	NE 3	3	4	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	61.42	60.16	21.8	25.7	85.4	69.9	1.6	2.8	7	7.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	61.80	60.60	21.7	26.5	88	70	E 1	NE 3	4	8	.....
2	62.50	62.20	22.7	26.8	79	58	SE 2	ENE 5	7	7	.....
3	64.67	62.89	23.2	26.9	80	62	NE 1	ENE 5	7	5	.....
4	63.93	61.81	22.2	26.2	85	72	ENE 1	ENE 2	8	7	0.5
5	62.48	61.25	21.8	28.5	95	57	SE 1	NE 4	5	5	1.3
6	61.52	61.27	23.6	27.1	78	67	ENE 2	ENE 3	9	8	.....
7	62.05	60.56	23.4	27.6	80	64	ENE 2	ENE 4	9	5	.....
8	60.83	59.16	22.2	25.7	88	70	SE 1	NE 3	8	9	.....
9	59.41	57.62	23.3	26.8	86	77	ENE 1	NE 3	9	8	5.1
10	59.12	58.11	22	26.9	97	72	SW 1	ENE 3	7	9	.....
11	59.83	58.86	21.5	29	98	62	ESE 1	NE 3	8	9	2.3
12	60.13	58.81	22.2	27.8	92	62	ENE 1	ENE 3	9	7	.3
13	59.54	57.95	22.1	28.1	93	69	E 1	NE 2	9	9	1.3
14	59.57	57.41	20.5	33.1	96	51	SE 1	NW 2	1	2	.8
15	59.42	58.03	21	31.2	97	60	SE 1	NE 1	2	3	.....
16	61.03	59.64	22	28.3	88	62	SE 1	NE 4	5	4	.....
17	61.49	60.57	22.2	28.8	85	59	ENE 2	E 4	3	4	.....
18	62.26	61.32	21.8	27.7	87	63	ENE 2	E 3	3	3	.....
19	62.16	60.54	20.2	29.5	93	53	E 1	E 2	1	1	.....
20	61.38	59.34	19.7	29.5	94	51	SE 1	E 2	4	3	.....
21	60.15	58.39	19.4	29.7	94	52	SE 1	NE 2	3	2	.....
22	60.37	58.77	19	30.3	96	53	SE 1	ENE 3	1	1	.....
23	60.37	58.36	21.1	30.4	90	50	SE 1	E 3	4	1	.....
24	58.73	57.06	21	32.1	94	55	E 1	SE 2	1	4	.....
25	59.22	57.28	22	33.3	94	56	E 1	N 1	1	4	.....
26	59.32	57.71	21.1	33.7	96	49	ESE 1	NE 2	3	4	.....
27	60.39	59.02	23	30.7	93	56	E 1	E 4	6	6	.....
28	60.26	58.71	24.5	29.6	84	62	E 1	E 4	6	7	6.6
29	60.57	58.93	23.2	29.3	89	60	SE 1	ENE 3	9	7	.....
30	60.22	58.49	21.1	31.1	95	56	SE 1	E 4	1	3	.....
31	60.69	59.14	23.9	27.8	81	70	ENE 2	NE 3	3	9	7.1
Mean	60.82	59.35	21.9	29	89.8	60.6	1.2		3	5	5.3
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.55	58.83	22.6	30	93	58	SE 1	E 4	9	3	.....
2	59.85	58.35	22.3	29.2	92	62	E 1	E 4	1	8	.....
3	59.30	57.94	23.3	28.7	84	67	ENE 2	E 2	2	6	.....
4	59.65	58.52	21.8	27.4	93	74	ESE 1	ENE 4	3	8	.....
5	59.30	58.49	22.8	29.7	90	64	E 1	E 4	4	4	.....
6	58.99	57.10	21.1	28.6	95	72	E 1	NE 2	1	8	6.9
7	58.87	56.26	22.5	31.2	98	59	E 1	E 2	9	2	1.5
8	58.41	57	21.8	31.5	96	54	E 1	E 2	1	1	.....
9	58.84	57.15	21.7	32.2	96	46	E 1	E 3	1	1	.....
10	59.25	57.08	20.6	33.1	98	46	SSE 1	E 2	4	3	.....
11	58.94	57.23	21.6	31.5	96	53	ESE 1	ENE 3	7	7	.....
12	57.96	55.77	23.1	31.2	88	51	SE 1	ENE 2	9	9	.....
13	56.23	55.03	21.1	32.7	96	53	SE 1	NNW 1	9	8	.....
14	57.36	55.06	22.4	33.9	95	49	ENE 1	SW 1	9	7	.....
15	58.12	57.47	25.1	25.2	89	89	E 1	SSE 1	9	9	19
16	59.04	57.95	23.9	28.2	92	74	E 1	ENE 3	9	8	.....
17	59.99	58.34	23.8	29.2	91	74	NE 1	E 3	7	4	.....
18	60.79	59.58	24	29.3	86	61	E 1	E 3	8	4	.....
19	61.45	59.98	22.7	29.5	91	64	ESE 1	E 3	3	3	.....
20	61.46	59.66	21.2	30.6	98	57	SSE 1	ENE 3	2	2	.....
21	60.71	59.28	22.1	30.8	91	56	ESE 1	ENE 3	1	2	.....
22	59.47	57.49	21.4	33	97	57	E 1	E 2	7	6	2.5
23	59.54	58.55	23.9	30.9	94	63	ENE 2	E 4	3	3	12.2
24	60.46	59.86	23.8	28.8	98	77	ESE 1	NE 3	9	9	23.1
25	61.09	59.35	24.2	29.5	97	76	E 1	ENE 2	9	8	2.3
26	59.44	58.11	24.2	30.8	96	71	ENE 1	ENE 3	9	8	6.1
27	57.94	56.25	23.4	32.1	90	66	E 1	NE 2	9	6	.....
28	58.27	56.76	24.4	32.1	95	58	SSE 1	ENE 2	8	2	.....
29	59.27	57.81	22.8	32.3	96	58	SE 1	ESE 2	5	1	.....
30	59.61	58.25	23.7	30.9	94	68	E 1	NE 4	1	2	1
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.34	57.82	22.8	30.5	93.5	62.6	1.1	2.6	5.6	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74.6

[a] Temporarily closed on January 5 to 7.

SANTA CRUZ, LAGUNA.

[ϕ=14° 18′ N; λ=121° 25′ E; barometer above sea, 3.8 meters; gravity correction not applied, −1.73 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.10	57.87	23.3	31.1	92	64	NE 1	ENE 3	1	3	.....
2	58.62	57.41	24.2	30.5	92	66	SSE 1	E 3	6	3	14.2
3	58.55	58.01	23.1	29.2	98	75	S 1	NE 4	2	8	15
4	59.44	57.64	24	31.7	94	59	SE 1	ENE 3	8	2	.....
5	59.72	58.58	24	31.2	89	66	SE 1	ENE 3	7	3	.....
6	58.78	57.21	24.5	31.3	92	60	E 1	ENE 4	7	1	.....
7	58.82	56.13	23.6	31.2	97	67	SSE 1	ENE 3	7	3	.....
8	57.12	55.59	23.7	31.3	95	68	E 1	ENE 2	8	7	.....
9	56.75	54.83	23.4	31.5	97	62	NE 1	ESE 1	7	6	.....
10	57.39	56.98	24.6	28.8	97	78	NE 1	E 2	7	9	6.6
11	58.82	57.40	24.2	32.1	98	61	ESE 1	E 2	5	3	.....
12	58.50	57.85	24.3	30.8	93	69	E 1	ENE 3	8	9	3.3
13	58.29	58.26	24.8	27.3	92	85	ESE 1	ENE 1	7	9	46.5
14	59.52	58.44	24.5	30.4	94	74	SE 1	ENE 1	9	8	.....
15	60.21	57.74	24.4	31.3	96	66	SE 1	ENE 3	7	2	.....
16	59.22	56.75	24.4	32.1	91	58	SE 1	NE 3	3	3	.....
17	57.69	55.80	23.9	32.3	96	64	SSE 1	ENE 2	1	3	4.8
18	57.45	57.47	24.4	31.4	93	65	SE 1	ENE 2	7	7	.....
19	58.57	56.43	24.4	32.3	94	63	SE 1	E 3	7	3	.....
20	58.41	56.74	23.2	32.5	97	52	E 1	E 2	1	1	.....
21	57.94	56.39	23.3	33.2	96	54	ESE 1	E 2	1	2	.....
22	58.26	56.49	22.8	34.4	96	52	SE 1	W 1	1	2	.....
23	58.31	55.97	24.2	34.1	94	51	ESE 1	NW 1	2	2	.....
24	57.63	55.31	25.7	34.1	93	54	ESE 1	WNW 2	8	3	.....
25	57.22	55.74	23.9	33.6	90	54	S 1	W 2	6	4	.....
26	57.15	56.43	24.1	34.1	92	59	S 1	W 2	4	8	8.9
27	58.40	56.48	24.4	33.5	97	62	S 1	NW 1	7	8	1.5
28	58.67	56.79	23.6	32.8	97	67	ESE 1	WNW 2	6	7	.....
29	58.16	56.43	25.4	35.4	93	55	S 1	W 1	1	7	.....
30	59.51	56.96	24.6	33.7	97	59	ESE 1	NE 1	8	6	3
31	59.39	57.08	23.7	34.2	97	61	WNW 1	SSW 1	7	5	.....
Mean	58.44	56.88	24.1	32	94.5	62.9	1	2.1	5.4	4.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	103.8

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.95	58.50	23.7	30.3	97	66	ESE 1	ENE 2	8	9	.....
2	59.29	57.74	23.7	32.6	97	58	SE 1	NE 3	2	7	.....
3	58.85	56.49	24	32.2	93	61	ESE 1	E 2	6	3	18.3
4	58.05	56.15	23.7	31	98	69	E 1	E 3	9	3	2
5	56.91	54.89	23.5	31.6	98	68	E 1	NE 2	4	7	1.1
6	56.14	54.67	23.3	24.6	97	98	NE 1	SSE 1	7	9	7.2
7	56.17	55.29	24.4	31.4	97	66	SSE 1	SE 4	7	7	.....
8	58.17	58.21	24.6	27.7	89	81	SSW 1	S 1	6	9	3.8
9	59.54	58.25	23	29.1	97	86	SSE 1	NW 1	6	9	3.5
10	58.66	56.95	23.6	28.2	97	82	NE 1	W 2	9	9	6.9
11	57.33	56.37	23.6	26	97	91	SE 1	SSW 1	9	9	8.4
12	57.91	56.79	23.6	30.7	97	76	SSE 1	NE 1	9	5	5.9
13	58.65	57.23	23.2	32.6	97	64	ESE 1	NNE 1	4	4	.....
14	59.19	57.09	24.2	33.1	97	70	SSE 1	NE 1	8	8	.....
15	59.21	57.12	25	32	95	64	NE 1	E 2	4	7	.3
16	59.90	57.30	24.3	32.8	97	64	ESE 1	E 2	7	3	.....
17	59.90	57.48	24.2	31.1	97	71	SE 1	SW 1	9	9	1
18	58.90	57.14	23.2	32.6	93	58	SE 1	E 3	6	5	1.8
19	59.24	57.97	24.7	31.7	92	68	E 1	WNW 1	8	8	.5
20	59.53	57.85	24.8	31.4	91	70	E 1	E 1	8	8	4.1
21	59.09	57.18	24.1	30.1	95	73	SE 1	NE 2	9	7	.8
22	58.15	56.31	24	30.9	93	68	E 1	E 1	9	9	.....
23	58.15	56.08	23.9	31.4	95	63	E 1	SE 1	7	7	1.5
24	58.30	55.28	22.9	32	95	69	SE 1	SSW 1	2	6	.....
25	57.20	54.99	23.3	32.9	97	47	SE 1	SE 2	8	7	.....
26	55.27	55.03	23.4	27	97	72	SSE 1	E 2	8	9	9.9
27	53.48	51.72	24.4	27.7	98	84	SE 1	NW 2	10	10	32.7
28	49.06	47.31	25.5	25.1	95	94	WSW 1	SW 3	10	10	115.6
29	47.71	48.90	23.1	23.7	99	96	SW 4	SW 1	10	10	63.5
30	52.78	53.95	23.9	29.2	94	76	WSW 1	SW 2	9	9	.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.36	55.87	23.9	30.1	95.7	72.4	1.1	1.7	7.3	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	289.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.62	56.46	23.7	31.8	98	66	E 1	SW 1	9	8	0.3
2	58.46	56.64	23.5	32.8	97	61	S 1	S 1	4	5	2.3
3	58.22	56.34	23.8	30.6	97	76	NW 1	NNW 2	4	7	.....
4	57.12	55.21	22.8	30.9	98	70	SSE 1	W 2	8	9	3.6
5	55.17	54.11	23.8	27.5	97	88	SW 1	WSW 1	10	10	2.3
6	54.26	53.20	24.5	30.2	97	75	SW 1	W 2	9	8	.6
7	55.28	55.18	23.7	29.7	97	68	ESE 1	WSW 4	2	6	1.8
8	56.76	56.42	24	28.2	97	80	SSW 1	WSW 4	9	9	.3
9	55.80	55.03	25	25.1	93	94	W 2	W 1	9	10	59.2
10	54.40	53.72	24.1	25.5	97	93	WSW 1	WSW 1	10	10	39.8
11	54.60	54.47	24.6	26.7	94	86	WSW 2	WSW 2	9	9	4.9
12	55.42	55.64	26.8	31.1	70	55	SSW 2	WSW 6	9	4	2
13	56.54	55.73	25.1	30.9	91	67	WSW 2	WSW 3	6	6	.5
14	56.12	55.63	26	29.4	89	76	WSW 2	WSW 4	9	8	6.1
15	56.02	55.11	25	28	93	79	WSW 2	WSW 2	9	9	9.4
16	56.37	56.09	24.4	29.1	92	75	SW 1	W 2	9	8	.....
17	57.21	56.52	24	31	90	64	SSW 1	WSW 3	3	8	.....
18	57.65	56.15	25	30.1	89	65	WSW 1	WSW 3	5	9	2
19	57.52	56.65	23.6	30.2	95	62	SW 1	WSW 3	4	7	.....
20	57.22	56.10	23.3	31.8	94	58	SW 1	WSW 4	7	6	.....
21	57.98	56.24	23	30.4	94	64	SW 1	W 3	7	9	.....
22	55.36	54.54	25.3	31.4	88	65	SW 1	W 4	9	9	1.8
23	55.48	54.94	24.5	32.2	96	64	WNW 1	W 3	9	7	1.3
24	54.80	54.28	25.2	30.9	92	72	WSW 1	W 3	7	4	.8
25	55.09	54.55	25.7	29.2	93	83	SSW 1	SW 1	9	9	8.4
26	55.80	55.13	24.2	30.2	95	71	SSW 1	W 2	10	9	1.3
27	56.32	55.45	25.1	23.6	92	98	WNW 1	SW 1	9	9	25.4
28	54.95	54.84	23.8	26.5	94	86	SSW 1	WSW 2	9	9	23.1
29	56.48	55.80	22.6	30.3	97	74	SW 1	W 1	5	9	.8
30	57.56	57.09	24.1	32.1	97	61	WSW 1	NNW 2	9	5	.....
31	59.67	58.35	23.4	32.2	94	56	SSE 1	SE 2	6	7	.....
Mean	56.33	55.54	24.3	29.7	93.5	72.6	1.2	2.4	7.5	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	198

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.97	58.01	22.4	27.7	96	72	SSE 1	SE 3	7	9	23.6
2	59.05	58.37	22.8	26.3	96	82	ESE 1	S 2	3	9	.....
3	59.06	57.95	22.4	31.9	96	66	SSE 1	WNW 3	3	7	.....
4	59.77	57.98	22.3	32.4	96	57	SE 1	W 2	3	3	.....
5	58.98	57.97	22.7	32.8	97	62	SSW 1	WNW 2	2	2	.....
6	59.10	57.53	22.4	31.5	95	64	SSW 1	NW 3	7	7	.....
7	58.29	57.29	22.9	32.2	96	64	SSW 1	NW 3	8	3	.....
8	58.85	57.29	24.3	32.1	93	63	SSE 1	W 2	7	5	20.1
9	58.81	57.13	24.1	28.8	98	82	SSE 1	NW 1	9	9	11.7
10	57.57	56.47	23.5	26.2	96	86	SSW 1	WSW 1	9	9	46.3
11	56.57	56.21	23.1	23.6	97	98	SE 1	W 1	10	10	44.7
12	55.61	54.30	23.2	26.9	93	78	WSW 1	WSW 4	10	9	9.6
13	56.34	55.62	23.3	25	96	90	SW 1	SW 1	9	9	5.1
14	57.03	56.80	23.2	31.1	97	69	NW 1	W 1	9	7	.....
15	58.87	58.31	22.4	26.9	96	82	S 1	S 2	9	9	.8
16	59.77	58.06	22.5	28.8	96	77	E 1	S 1	6	8	5.6
17	59.70	57.34	24	30.5	97	74	ESE 1	SW 1	9	8	4.6
18	57.70	56.11	24.3	27.7	97	82	S 1	SW 2	8	9	.....
19	57.02	56.17	24.4	27.2	95	86	SSW 1	SW 1	9	9	1.8
20	57.42	57.04	23.9	28.4	96	74	ESE 1	SSW 1	8	9	1
21	57.86	56.99	24.1	28.7	97	78	SSE 1	W 3	9	9	9.4
22	58.70	56.89	23.7	30.5	98	75	SSE 1	W 1	9	9	6.9
23	57.74	56.80	23.1	27.7	97	93	SSW 1	W 2	7	9	2.8
24	55.76	54.35	24.2	25.7	93	90	SW 1	W 2	6	9	20
25	55.32	54.63	24.2	32.1	94	66	SSW 1	W 1	5	7	1
26	56.84	56.82	24.5	25.8	95	93	SE 1	WSW 1	9	9	19.5
27	57.67	56.20	24	29	97	74	SE 1	W 1	9	9	11
28	56.66	55.85	23.7	27.7	98	79	NW 1	NE 1	9	9	5.1
29	57.87	56.97	23.6	28	98	81	SW 1	W 1	9	9	.8
30	58.21	57.23	23.2	29.7	97	77	SE 1	W 3	3	9	1
31	57.73	57.91	23.1	25.4	97	89	E 1	W 1	7	9	2.3
Mean	57.93	56.86	23.4	28.7	96.1	77.5	1	1.7	7.3	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	254.7

SANTA CRUZ, LAGUNA.

[$\phi = 14° 18'$ N; $\lambda = 121° 25'$ E; barometer above sea, 3.8 meters; gravity correction not applied, −1.73 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.89	56.99	23.7	31.1	96	71	S 1	W 1	9	8	.....
2	58.51	57.79	23.4	24.9	97	92	SSE 1	NNW 1	9	9	39.1
3	57.37	56.63	24.5	26.7	97	89	S 1	W 2	10	9	10.7
4	55.58	54.52	24.7	26.8	96	86	W 1	W 1	10	9	50.8
5	53.88	50.92	23.8	25.9	97	88	W 1	SW 2	10	10	70.6
6	54.58	54.11	24.5	29.4	97	81	W 1	W 1	10	9	.5
7	55.71	54.63	23.9	31.6	97	63	S 1	W 3	6	2	.....
8	55.51	55.04	23.9	28	97	82	SW 1	W 4	3	9	4.1
9	56.13	55.36	24.2	31.2	96	75	SSW 1	W 2	7	6	.....
10	56.57	55.41	25.1	30.5	92	80	SW 1	W 2	9	6	2.3
11	57.07	57.14	24.4	27.2	97	86	SSW 1	W 3	9	9	7.1
12	58.58	57.73	24.3	30.2	97	76	SSW 1	W 1	9	9	.....
13	59.41	58.45	23.3	26.9	97	91	SE 1	S 1	8	9	3.8
14	59.55	58.31	23.6	31.6	98	72	SSW 1	W 2	9	9	.8
15	59.27	58.41	24	30.4	93	77	S 1	W 1	9	8	2.8
16	59.46	57.75	23.8	29	97	79	SW 1	W 1	9	9	12
17	60.04	57.99	23.5	29.1	97	78	SE 1	WSW 1	3	8	.5
18	60.06	58.15	23.7	29.4	97	81	ESE 1	SW 1	7	5	.5
19	60.40	58.91	23.6	31.3	97	76	SSW 1	W 1	5	4	.5
20	59.60	57.20	23.9	30.9	96	69	SSE 1	N 1	8	7	4.1
21	57.71	55.68	23.3	32.5	96	59	E 1	WSW 1	4	3	.5
22	57.64	56.08	24.1	32	96	67	SE 1	W 1	9	3	23.4
23	57.63	56.15	23.5	31.9	97	59	SE 1	WNW 1	4	3	1.5
24	58.66	57.99	24.2	27.2	96	81	SE 1	ESE 1	9	9	19.8
25	59.96	58.34	24.4	31.6	95	63	SE 1	SE 2	6	9	2.8
26	60.56	59.04	24	30.7	97	68	ENE 1	NE 2	9	9	.8
27	60.36	58.59	24.3	31.7	94	68	SSE 1	ENE 3	7	7	2
28	59.77	57.55	23.6	31.6	97	65	E 1	ENE 3	3	3	.....
29	57.61	54.64	23.4	31.2	96	68	NE 1	NNW 1	4	5	14.2
30	55.70	54.19	24.1	31.5	96	70	E 1	WNW 2	9	9	8.4
31											
Mean	58.03	56.66	24	29.8	96.3	75.3	1	1.6	7.4	7.1	.....
Total											283.2

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.52	54.51	25.5	29.1	90	76	WSW 2	W 2	9	9	.....
2	54.76	52.89	26.1	32.1	85	71	W 2	W 4	9	9	.....
3	53.78	53.07	26.2	25.4	82	98	W 2	W 1	9	9	8.7
4	55.81	55.87	24.6	27.6	91	84	SW 1	SW 2	9	9	4.4
5	59.06	57.73	24.3	30.9	94	70	SW 1	W 1	9	8	.....
6	60.09	58.25	23.3	30.8	95	72	SSE 1	WNW 1	2	5	4.8
7	58.68	57.74	23.8	29.4	97	77	S 1	SW 1	8	9	.....
8	58.96	58.52	24.1	26.7	93	83	SE 1	SSE 1	6	9	.....
9	59.47	58.49	23.6	29.7	94	68	NE 1	ENE 2	4	9	.....
10	59.59	58.76	24.4	25.6	94	84	SE 1	ENE 2	9	9	6.4
11	59.35	57.81	23.4	26.5	97	90	ENE 1	SSE 1	9	9	4.5
12	59.52	58.45	22.8	28.2	95	70	NNE 1	NE 2	9	8	13.2
13	59.40	57.55	22.9	28.9	97	71	E 1	NW 1	6	9	1.5
14	57.92	55.72	23.2	30.7	96	68	E 1	SW 1	8	5	.....
15	55.45	53.12	24.9	24.2	85	95	W 1	W 1	10	10	69.4
16	49.75	51.65	23.6	27.7	86	73	NE 2	SE 1	9	9	3.3
17	55.06	53.67	24.6	27.9	84	77	SE 3	SE 2	9	9	.3
18	55.98	54.64	25.2	29.7	93	78	NNE 1	NNE 2	9	9	1.3
19	57.01	56.99	24.8	22.9	95	97	SE 1	N 1	6	10	70.6
20	58.23	56.81	23.5	31.4	97	69	E 1	WNW 1	9	4	.....
21	58.02	55.68	24.2	31.4	93	72	S 1	WSW 1	8	7	.3
22	55.23	54.27	25.8	25.9	81	84	W 2	WSW 2	10	9	1.8
23	57.65	56.90	25.1	29.9	89	74	WSW 2	WSW 2	9	9	.8
24	59.87	57.81	22.8	31.3	97	66	SE 1	NW 2	3	6	.....
25	59.52	57.94	22.2	30	96	69	S 1	NW 1	6	9	.....
26	60.47	59.34	22.8	30	97	66	SE 1	E 4	6	9	.3
27	62.26	61.01	23.6	29.8	93	65	E 1	ENE 4	4	4	1
28	61.97	60.68	24.4	29.7	91	70	E 1	E 3	4	6	2
29	61.29	59.05	23.1	28.8	93	69	SE 1	E 3	2	7	2.5
30	59.64	58.04	24	29	98	73	SE 1	NE 3	8	6	5.3
31	60.06	59.35	24.6	29.8	94	67	E 1	E 3	8	7	16.5
Mean	58.03	56.83	24.1	28.7	92.3	75.7	1.3	1.9	7.3	7.9	.....
Total											218.9

NOVEMBER [a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.81	59.01	24.3	29.3	92	66	ESE 1	ENE 3	4	4	0.8
2	60.15	58.16	23.9	29.8	92	64	SSE 1	E 4	6	3	1.5
3	60.26	58.99	23.9	29.6	89	63	E 2	E 5	6	3	.....
4	60.02	58.84	22.8	28.3	93	73	SSE 1	E 4	8	6	3.8
5	60.30	59.06	22.7	28.6	96	73	SSE 1	NE 3	2	8	.3
6	60.32	58.93	23.3	30.2	97	64	SE 1	ENE 4	3	3	.3
7	60.86	59.41	23.9	29	96	71	E 1	ENE 4	8	6	22.6
8	61.14	59.59	24	29.6	96	73	E 1	ENE 3	8	3	1.3
9	61.55	59.84	23.5	29.3	97	65	ESE 1	E 5	8	4	1.8
10	61.87	60.80	24.7	27.8	87	73	NE 1	NE 4	8	7	3.5
11	61.70	60.20	24.8	27.3	81	74	ENE 3	ENE 4	3	9	2.3
12	61.56	60.06	24.9	25.2	83	88	E 3	E 2	9	9	7.1
13	61.81	60.25	24.9	29.3	82	70	E 2	ENE 3	2	6	1.5
14											
15											11.2[b]
16		59.54		28.3		69		ENE 4		4	.5
17	60.90	59.45	23.8	27.9	91	72	ENE 1	NE 3	8	7	.3
18	61.24	59.49	22.1	29.2	96	61	SE 1	ENE 3	1	3	.....
19	60.75	59.31	22	28.7	96	62	ENE 1	E 2	3	3	.....
20	61.77	60.01	22.7	29.2	91	57	SE 1	ENE 2	8	3	.....
21	61.04	59.10	22.2	29.8	90	58	E 1	ENE 3	2	2	.....
22	60.85	58.49	22.3	29.9	96	71	SSE 1	WSW 1	6	8	1.8
23	60.50	58.64	22.6	30.9	95	67	E 1	ENE 2	4	4	.....
24	60.75	59.10	22.2	28.5	96	70	E 1	NE 3	7	7	1.8
25	60.85	58.60	23.1	30.7	92	60	SE 1	E 2	7	3	.....
26	60.51	58.37	22.1	31.7	95	60	SE 1	N 2	1	3	.....
27	61.20	58.80	21.9	30.8	96	60	ESE 1	NE 2	1	2	.....
28	60.77	58.91	21.8	30.3	96	62	E 1	E 4	2	4	.....
29	60.90	60.13	24.7	27	85	75	SSE 1	ENE 3	9	9	1.8
30	61.20	60.26	22.3	27.7	95	68	SE 1	NE 4	3	8	.....
31											
Mean	60.95	59.33	23.2	29.1	92.3	67.5	1.2	3.1	5.1	5	.....
Total											64.2

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.24	59.80	21.7	29.5	93	59	SSE 1	ENE 3	7	5	.....
2	61.20	59.56	21.7	28.1	96	70	SSW 1	NE 2	3	7	0.8
3	61.05	59.89	24.5	29	85	62	ENE 1	ENE 4	9	6	.....
4	61.25	59.21	23.9	27.3	77	63	ENE 2	ENE 4	7	9	.....
5	61.38	60.45	23.7	27.9	84	66	ENE 3	E 4	9	9	.....
6	62.36	61.16	22.6	27.5	89	64	ENE 1	ENE 4	2	5	.....
7	62.66	61.02	20.4	28.7	95	54	SE 1	ENE 3	5	3	.....
8	62.36	61.25	22.5	27.6	81	64	ENE 1	ENE 4	2	9	.....
9	61.91	59.99	20.4	27.1	94	69	E 1	E 4	3	9	.8
10	61.91	59.71	21.4	29.8	96	58	E 1	E 3	3	5	.5
11	60.68	59.09	20.6	27.9	96	68	SE 1	ENE 3	3	8	.....
12	59.92	58.80	22	30.4	96	61	SSW 1	ENE 3	4	6	.....
13	60.46	59.26	24.1	26.2	82	79	NE 2	ENE 1	9	9	3.6
14	60.65	58.89	22.1	29.9	96	64	SE 1	E 4	5	5	1.3
15	60.78	59.93	23.4	29.9	95	64	SE 1	E 3	9	3	.....
16	60.93	60.14	21.5	29	95	67	SE 1	E 3	3	5	1.3
17	62.02	60.30	21.6	28.3	93	67	E 1	E 2	3	9	.....
18	62.32	60.55	23.6	27.8	87	66	ENE 2	ENE 4	9	8	.3
19	62.32	61.19	22.7	28.8	90	61	E 1	E 3	9	5	.....
20	62.67	60.53	22.1	29.4	93	59	ESE 1	ENE 4	5	9	.5
21	61.70	59.75	22.6	26.9	92	71	E 1	E 2	8	9	.....
22	60.86	59.35	20.5	28.8	97	59	SSE 1	NE 2	9	7	.....
23	60.18	58.94	19	30.6	96	48	SSE 1	NE 2	3	3	.....
24	60.23	58.13	17	30	94	51	ENE 1	SW 1	7	3	.....
25	58.51	55.58	22.1	26.6	91	74	SW 1	NNE 4	9	9	42.2
26	56.71	56.48	25.2	26.6	87	80	E 3	ENE 2	10	9	10.6
27	58.85	58.20	23.4	29.8	85	62	E 1	E 2	9	5	12.2
28	60.56	59.49	22.5	27.4	94	73	E 1	NE 3	3	9	.....
29	61.35	60.10	25	25.2	81	84	ENE 1	ENE 1	9	9	4.1
30	61.85	59.85	22.6	28.7	95	69	ESE 1	NE 3	5	6	2.5
31	62	61.01	22.8	26.9	95	72	E 1	NE 3	9	7	2
Mean	61.06	59.60	22.2	28.3	91	65.4	1.2	2.9	6.1	6.8	.....
Total											82.7

[a] Temporarily closed on November 14 and 15.

[b] This amount corresponds to the 14th and 15th.

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			19.4	26.9	96	72	Calm	W 1	9	10	.....
2			20.3	27.6	96	76	Calm	Calm	7	8	.....
3			19	28.5	95	59	Calm	NE 4	3	4	.....
4			18.7	26.9	95	70	Calm	NE 1	10	10	.....
5			21	26.3	95	68	Calm	NE 4	10	9	.....
6			21.2	25.7	84	65	NE 2	NE 4	9	9	.....
7			21.3	25.9	80	62	Calm	NE 4	9	9	.....
8			20.5	25.4	75	58	NE 4	NE 6	9	7	.....
9			19	24.7	72	51	NE 4	NE 4	10	8	.....
10			18.5	26.5	80	55	NE 2	NE 2	6	6	.....
11			18.5	29.4	90	56	Calm	NE 2	5	5	.....
12			20	24.2	95	90	Calm	Calm	10	10	1
13			20.5	26.1	95	83	Calm	NE 2	10	10	2.6
14			21.2	28.3	97	54	Calm	NE 4	10	5	.....
15			18.8	28.2	95	55	Calm	NE 3	8	7	.....
16			19.5	25.1	90	63	Calm	NE 3	9	9	.....
17			17.8	27.3	88	50	Calm	NE 3	10	8	.....
18			18	26.7	90	68	Calm	Calm	8	8	.....
19			19	28.1	95	63	Calm	SW 1	2	4	.....
20			20	27.1	95	59	Calm	NE 4	8	4	.....
21			21	27.4	73	56	NE 2	ENE 3	8	6	.....
22			16.3	27.4	92	52	Calm	NE 4	3	6	.....
23			17.4	26.9	90	51	Calm	NE 3	8	9	.....
24			18.5	27.4	90	60	Calm	NE 3	9	7	.....
25			19.5	27.4	88	52	Calm	NE 6	8	5	.....
26			20.3	27.7	79	55	Calm	NE 4	10	5	.....
27			19.5	27	84	59	Calm	N 1	10	10	.....
28			19.4	28.5	91	54	Calm	ENE 4	9	6	.....
29			18.8	27.9	86	54	Calm	NE 4	6	4	.....
30			18.3	26.4	87	63	Calm	SW 1	4	10	.....
31			20	26.4	95	61	Calm	NE 3	10	10	.....
Mean			19.4	26.9	88.8	61.1	0.5	2.8	8	7.4	.....
Total											3.6

FEBRUARY.

Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
		20.9	25.9	83	58	Calm	NE 2	10	10	.....
		22.6	25.9	81	65	NE 1	NE 2	10	10	.....
		20.9	30	89	60	Calm	NE 4	9	8	.....
		21.5	31	95	56	Calm	SE 2	6	6	.....
		20.3	30.5	97	59	Calm	SW 2	4	8	.....
		21.8	31.4	96	48	Calm	W 2	10	3	.....
		20.5	28.3	95	49	Calm	NE 4	4	4	.....
		18.3	25.4	82	92	Calm	NE 4	10	10	.....
		18.2	26.7	88	59	Calm	NE 4	10	10	.....
		21.5	27.7	78	53	Calm	NE 3	10	10	.....
		20.9	24	76	76	ENE 2	NE 1	10	10	2
		20	26.3	95	60	Calm	NE 3	8	10	1
		21.5	29.5	91	55	Calm	NE 3	10	8	.....
		20.8	30.7	88	52	Calm	NE 2	10	4	.....
		20.5	31.4	93	56	Calm	SE 2	4	7	10.4
		21.3	29.9	97	52	Calm	NE 2	8	8	.....
		20.3	29	90	51	Calm	NE 4	8	5	.....
		20.6	26.6	76	52	NE 1	NE 4	8	6	.....
		20.5	24.3	69	85	NE 4	NE 4	8	10	.....
		18	26.9	85	58	Calm	NE 3	9	10	.....
		18.2	26	86	58	Calm	NE 3	10	10	.....
		17.4	27	91	53	ENE 1	NE 3	9	9	.....
		19.4	26.4	81	80	NE 1	NE 4	8	3	.....
		18.5	27	78	56	NE 1	NE 3	4	6	.....
		18.9	29.5	89	51	Calm	NE 3	8	8	.....
		21	29.3	91	60	Calm	E 2	10	6	.....
		17.9	30.7	93	51	Calm	SW 2	3	2	.....
		18.4	30.9	90	45	Calm	NE 3	3	2	.....
		20	28.1	87.2	58.9	0.4	2.9	7.9	7.2	.....
										13.4

MARCH.

	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1			19.5	30.5	90	47	Calm	NE 2	8	3	.....
2			20.3	28.4	90	43	Calm	NE 4	9	5	.....
3			21.1	28.7	77	48	ENE 2	ENE 4	3	2	.....
4			18.5	30	85	48	Calm	E 4	6	6	.....
5			21	31.3	85	42	Calm	NE 3	5	4	.....
6			20.8	30.3	82	50	Calm	NE 3	8	8	.....
7			20.5	27	85	60	Calm	NE 2	5	9	.....
8			19.4	29	87	54	Calm	NE 3	1	8	.....
9			21.8	28.3	90	63	Calm	Calm	9	9	.....
10			21.5	28.5	94	68	Calm	Calm	8	9	6.9
11			21	27.9	95	68	Calm	W 1	9	9	.....
12			20.5	29	93	54	Calm	NE 2	7	7	.....
13			20.9	28.4	89	64	Calm	E 1	8	9	3.6
14			20.9	31.3	95	45	Calm	W 2	2	1	.....
15			19.8	30.3	95	54	Calm	SW 2	2	3	.3
16			21.2	27	95	65	Calm	NW 2	8	9	.....
17			19.5	30.2	88	49	Calm	ESE 2	1	3	.....
18			18.8	29.5	89	49	Calm	E 2	2	7	.....
19			19	30.9	88	49	Calm	W 2	2	3	.....
20			20	31.7	77	44	E 1	SSE 3	2	1	.....
21			19.5	31.7	77	42	NE 1	NE 2	1	3	.....
22			19	31.3	82	44	Calm	SW 2	2	2	.....
23			20.7	32.2	80	41	Calm	SE 3	3	1	.....
24			20	32.8	83	43	Calm	SE 3	1	1	.....
25			21	34.3	86	45	Calm	SW 1	1	3	.....
26			22	34.5	88	47	Calm	SE 2	4	7	.....
27			22	33.1	85	42	Calm	NE 3	8	8	.....
28			21.7	31.7	83	46	Calm	ENE 4	8	9	.....
29			22.2	33.2	81	40	Calm	NE 2	9	6	.....
30			20.6	32	81	41	Calm	NE 2	1	7	.....
31			23.9	30.5	65	47	NE 2	NE 3	2	4	2.3
Mean			20.6	30.5	85.8	49.7	0.2	2.3	4.7	5.4	.....
Total											13.1

APRIL.

mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
		22.3	31.6	91	47	Calm	NE 3	9	6	.....
		20.6	33	85	39	Calm	ENE 2	2	6	.....
		21.9	32.3	77	40	Calm	NE 2	3	2	.....
		22.2	32.5	84	40	Calm	NE 3	2	4	.....
		21	33.2	82	40	Calm	NE 3	2	3	.....
		19.5	33.5	81	49	Calm	SE 2	2	8	.....
		21.5	32.5	87	47	Calm	SE 2	3	6	.....
		23.5	34	75	43	NE 1	SSE 3	2	4	.....
		21.8	33.3	86	39	Calm	SW 2	3	3	.....
		20	34.4	74	39	Calm	S 1	8	6	.....
		21.7	31.5	85	48	Calm	SW 1	8	8	.....
		21.2	32.9	80	45	Calm	WNW 2	10	9	.....
		22.2	31	87	51	Calm	WSW 2	10	10	.....
		23	33.5	91	45	Calm	W 2	10	10	.....
		24.3	28.3	89	68	Calm	SE 2	10	10	.....
		23.5	28.6	84	63	Calm	WNW 1	10	9	.....
		23.4	31.1	79	48	NE 1	NE 2	9	5	.....
		22.9	34.2	79	41	NE 1	NE 2	8	7	.....
		22.2	33.1	76	39	Calm	NE 3	2	2	.....
		22.6	34.3	69	38	Calm	NE 3	1	2	.....
		22.3	33.2	78	39	NE 1	NE 1	1	3	.....
		21.7	33.9	80	45	Calm	SSE 1	8	9	.....
		23	34.2	89	45	Calm	SE 3	4	4	.....
		24.5	31	77	48	Calm	NE 2	8	6	0.5
		24.4	31.5	83	51	Calm	SE 2	8	8	.....
		22.8	27	86	79	Calm	W 1	8	10	1.5
		22.8	33.3	96	47	N 1	NE 2	9	5	.....
		23.5	33.7	91	44	Calm	SE 3	4	4	.....
		22.3	35.2	76	38	Calm	SSE 2	5	4	.....
		24	33	74	47	Calm	E 2	2	2	.....
		22.4	32.5	82.4	46.4	0.2	2.1	5.7	5.8	.....
										2

ANTIPOLO.

[$\phi = 14°\ 36'$ N; $\lambda = 121°\ 10'$ E.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	21.9	34.3	69	44	Calm	NE 2			0	7	
2	22.5	34.3	89	45	Calm	NE 2			2	3	
3	22.5	29.4	82	61	Calm	NE 2			7	8	0.5
4	24.7	34.3	79	41	Calm	SE 3			8	3	
5	23.5	33.7	79	47	NE	2 ESE 3			7	4	
6	25	34.2	76	41	Calm	ESE 3			4	2	
7	22.9	34.4	82	45	Calm	ESE 3			3	6	
8	22.5	35	86	44	Calm	SE 3			9	8	
9	23.7	34.7	85	45	Calm	SE 3			8	8	29.2
10	23.5	29.4	96	70	Calm	SE 2			4	10	
11	23.5	34.3	91	46	Calm	ESE 2			4	6	
12	23	25.4	83	83	Calm	NE 1			9	10	10.7
13	23.5	27.4	91	76	Calm	NE 2			9	10	3.3
14	24.8	32.8	87	48	Calm	SE 2			10	9	
15	22.5	32.5	87	55	Calm	E 2			9	7	
16	23.2	34.5	90	43	Calm	N 2			4	4	
17	22.6	35	89	44	Calm	SE 2			3	3	
18	24.5	29.9	87	67	Calm	NE 2			8	9	2
19	23.9	34.3	86	48	Calm	SE 3			8	6	2
20	23.5	34	87	49	Calm	SE 2			2	3	
21	23.2	34.5	83	40	Calm	S 3			1	4	
22	23.5	33.2	81	52	Calm	SW 2			8	7	9.9
23	24.6	33.3	93	48	Calm	W 2			4	2	.3
24	24.8	33.4	92	43	Calm	W 2			10	2	
25	23.8	34	91	38	Calm	SW 2			8	4	
26	24.3	30.2	91	68	Calm	W 2			6	9	15
27	25.3	29.8	94	71	Calm	SW 2			9	9	
28	24.9	31.9	92	56	Calm	WSW 2			9	3	
29	26	29.4	94	78	Calm	SW 3			7	8	3.8
30	24.3	31.7	92	64	Calm	SE 1			9	7	6.4
31	23.9	32.5	91	56	ENE	1 SW 2			8	7	8.4
Mean	23.8	32.5	86.9	53.4			0.1	2.2	6.4	6.1	
Total											91.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	22.5	31.7	91	61	Calm	ENE 1			9	9	
2	22.9	28.9	88	81	Calm	SW 1			2	3	11.9
3	22.5	29	93	74	Calm	NE 2			3	9	17.3
4	23.5	33.3	92	55	Calm	NE 2			8	4	
5	24.2	30.7	90	69	Calm	WSW 2			8	9	19.8
6	23.1	28.5	95	78	Calm	SW 1			9	6	35.8
7	23.5	30.5	94	65	E	2 SE 3			7	6	
8	23.7	29.5	90	68	Calm	SW 1			7	10	
9	22	31	96	61	Calm	NE 2			9	8	
10	23.9	27.7	96	81	Calm	SW 2			9	10	3.6
11	24	27.5	96	77	Calm	SW 2			10	10	5.6
12	23.4	30.5	96	65	E	1 SW 1			10	7	13.5
13	24.2	30.9	95	65	Calm	SW 1			8	6	7.9
14	23.8	31.3	93	66	Calm	SE 2			10	8	.8
15	24.1	31	91	67	Calm	SE 1			3	8	
16	23.5	32.5	91	59	Calm	S 2			8	4	
17	23.6	29.5	95	76	Calm	Calm			10	9	
18	22.5	33.5	96	52	Calm	SE 1			8	7	
19	23.1	33.3	91	52	Calm	E 2			8	7	.5
20	24	31.1	87	61	Calm	SE 2			9	9	
21	23	32	91	57	Calm	NE 1			9	8	.8
22	23	30.3	91	71	Calm	Calm			10	9	2.3
23	22.9	32	90	60	Calm	SE 2			3	8	
24	23.5	28.1	93	79	Calm	SSE 2			4	4	
25	23.2	33.1	91	44	Calm	SW 1			10	3	
26	24.1	25.5	92	84	Calm	Calm			10	10	17.8
27	24.2	25	91	92	NNW	1 NW 3			10	10	27.4
28	24.9	25.4	95	96	NW	2 SW 5			10	10	171.2
29	22.7	22.4	96	96	SW	6 SW 3			10	10	73.6
30	23.7	26.5	92	84	SE	1 S 2			10	10	4.6
31											
Mean	23.4	29.7	92.6	69.9			0.4	1.7	8	7.7	
Total											414.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	23.6	31.3	90	63	Calm	SSW 2			10	8	
2	23	30.5	97	68	Calm	W 2			8	3	4.3
3	24.5	30.3	95	70	Calm	W 3			6	8	15.5
4	22.4	28.5	96	73	Calm	WSW 2			9	10	5.8
5	23.2	26.5	97	86	Calm	S 1			10	10	3.3
6	23.1	27.5	90	74	Calm	W 1			10	10	49.8
7	22.9	27.5	97	84	Calm	SW 1			3	8	9.9
8	24.2	25.4	90	80	SSW	1 SW 2			8	10	16.3
9	23.2	22.7	95	97	N	1 WSW 1			10	10	232.2
10	23.3	24	97	96	SW	2 SSW 2			10	10	78.5
11	23.7	25	92	87	SSW	2 SSW 4			10	10	16.8
12	25	26.5	80	74	SSW	4 SW 5			10	9	5.6
13	24.3	27.5	93	77	SSW	2 SW 4			9	10	5.1
14	24	25.5	93	91	SW	1 SW 5			10	10	42.4
15	23.6	26.5	97	87	SW	1 SW 4			10	10	15.7
16	24.4	28.3	91	78	Calm	SW 2			10	7	8.9
17	24.5	28	91	74	SW	1 SW 4			4	6	2.5
18	24.7	27.5	91	81	Calm	SW 3			8	9	
19	24.8	28.2	89	70	SW	1 WSW 3			8	7	
20	24.3	28	91	74	Calm	WSW 3			9	9	
21	23.8	28.5	93	69	Calm	SW 4			8	10	6.1
22	24.3	26.4	94	82	SW	2 SW 4			10	10	81.8
23	24.1	28.1	97	79	SW	1 SW 4			10	8	14.7
24	24.5	27.3	92	82	NW	2 SW 4			9	8	5.6
25	24.9	27.5	96	80	NW	1 SW 4			9	10	36.3
26	23.4	26	97	84	Calm	SW 2			10	10	19.3
27	23.3	24.4	94	89	SW	1 SW 3			10	10	26.7
28	23.1	23.5	97	95	Calm	SW 1			10	10	5.9
29	23	24.5	96	96	Calm	SW 1			10	10	5.8
30	23.3	31	96	62	Calm	SE 2			10	7	
31	23.3	30.9	92	59	Calm	SE 2			10	9	
Mean	23.8	27.2	93.4	79.4			0.7	2.7	9	8.9	
Total											714.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	23	28.4	96	73	Calm	NW 1			9	10	6.6
2	21.7	29.8	97	69	Calm	SSE 1			6	9	18.8
3	23.1	29	97	71	Calm	W 1			8	8	
4	23.5	29.9	96	65	Calm	W 2			4	3	
5	23.7	29	97	71	Calm	W 2			4	5	
6	23.3	28.9	97	71	Calm	WSW 3			8	8	1.3
7	23.9	29	97	70	Calm	WSW 2			8	7	2.5
8	23.9	29.3	96	70	Calm	SW 2			4	4	21.6
9	24	28.5	96	70	Calm	W 1			10	9	3.1
10	23.8	27.3	95	78	Calm	SSW 1			10	10	53.9
11	22.7	22.5	97	96	Calm	SW 2			10	10	117.1
12	22.2	25.7	97	83	SSW	2 SW 2			10	10	9.4
13	22.7	25	97	88	SSE	2 SW 2			10	10	7.9
14	23	28	91	74	SSE	1 Calm			10	10	
15	22	29	96	74	Calm	SE 1			10	10	
16	21.3	26.9	95	80	Calm	SW 2			8	10	36.1
17	23.1	30	97	71	Calm	SW 2			10	8	4.1
18	23	26.9	96	83	Calm	WSW 2			8	10	19.8
19	24	28.5	96	74	Calm	SW 2			8	8	21.3
20	23.3	25.7	97	88	Calm	SW 2			10	10	62.7
21	23.5	28	97	77	Calm	SW 1			8	8	.5
22	23.5	27.8	96	76	Calm	SW 2			10	8	19
23	23	28.2	96	76	Calm	SW 2			8	9	14.7
24	23.4	27.5	97	74	Calm	SW 4			10	8	2
25	23.7	28.5	96	79	SSW	1 SW 1			9	9	2.6
26	23.7	24.4	97	96	Calm	SW 2			10	10	13
27	22.8	28.2	97	77	Calm	SW 1			10	9	9.1
28	23.2	28.5	97	75	Calm	SW 2			10	9	6.6
29	23.5	28.2	96	72	Calm	SW 4			10	8	16
30	23.3	26.5	96	80	Calm	SW 2			10	10	26.1
31	23.2	23.9	92	91	Calm	SW 1			10	10	33.3
Mean	23.2	27.6	96.1	77.2			0.2	1.8	8.7	8.6	
Total											529.1

ANTIPOLO.

[ϕ=14° 36′ N; λ=121° 10′ E.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	22	28.2	97	79	Calm	SW 2	10	9	10.9
2	.....	.....	22	26.6	96	82	Calm	SW 2	9	8	37.6
3	.....	.....	23	24	98	96	SW 1	SW 2	10	10	23.6
4	.....	.....	23.5	24.5	98	95	SW 1	SW 1	10	10	48.5
5	.....	.....	23.1	24	97	96	SW 1	SW 1	10	10	62.2
6	.....	.....	23.5	26.5	96	82	Calm	WSW 2	10	9	1
7	.....	.....	23.5	28.8	97	74	Calm	SW 2	8	3	.....
8	.....	.....	24	26	96	83	WNW 2	SW 3	9	10	.....
9	.....	.....	24.3	28.5	91	78	W 1	SW 3	9	8	1.3
10	.....	.....	23.8	27.9	95	81	NW 1	SW 3	10	10	4.6
11	.....	.....	23.9	25.5	97	88	SW 1	SW 2	10	10	59.4
12	.....	.....	23.7	27.8	97	81	Calm	SW 2	10	10	13.5
13	.....	.....	24.2	27.5	97	82	SW 1	SW 2	10	10	7.2
14	.....	.....	24	26.2	96	86	Calm	SW 2	10	10	24.1
15	.....	.....	21.7	28	97	74	Calm	SW 2	10	8	50.8
16	.....	.....	22.5	27	97	80	Calm	SW 2	10	9	9.4
17	.....	.....	22.7	29.3	97	70	Calm	SW 1	10	7	2.3
18	.....	.....	23.2	28.9	97	75	Calm	SW 2	2	7	.....
19	.....	.....	22.5	29.4	96	70	Calm	SW 2	8	3	23.1
20	.....	.....	22.9	28.5	97	74	Calm	SE 1	8	8	6.6
21	.....	.....	22.8	30	97	68	Calm	SW 2	3	5	1.8
22	.....	.....	22.6	30	98	69	Calm	SW 2	3	4	2
23	.....	.....	23.1	31.3	98	65	Calm	SW 1	4	8	26.2
24	.....	.....	23.5	30	97	71	Calm	SE 1	9	8	1
25	.....	.....	24	25.5	96	80	Calm	N 1	8	9	.....
26	.....	.....	22.7	28	97	80	Calm	N 1	10	10	19.8
27	.....	.....	23.5	27.3	97	86	Calm	N 2	7	8	9.7
28	.....	.....	23	30	94	72	Calm	SW 1	4	7	7.4
29	.....	.....	21.7	28	98	88	Calm	N 1	3	8	35.8
30	.....	.....	22.4	29.3	98	72	Calm	SW 2	9	10	2.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	23.1	27.8	96.6	79.2	0.3	1.8	8.1	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	492.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0–12). 6 a. m.	Wind, direction and force (0–12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	23.8	27.5	96	79	Calm	W 2	10	10	.....
2	.....	.....	24.4	30	94	73	Calm	SW 3	10	8	13.7
3	.....	.....	24.4	28	93	79	W 1	SW 3	10	9	2.5
4	.....	.....	23.8	25.5	97	92	Calm	S 1	10	10	8.1
5	.....	.....	24.3	27.1	97	83	Calm	SW 2	10	10	1
6	.....	.....	23	29.8	97	66	Calm	SW 2	2	3	.....
7	.....	.....	23.5	29.5	97	75	Calm	SW 1	8	9	.....
8	.....	.....	23.1	27.5	97	81	Calm	Calm	9	9	3.3
9	.....	.....	21.2	26	98	88	Calm	NE 1	4	9	14.5
10	.....	.....	22.2	25.1	98	88	Calm	Calm	10	10	4.3
11	.....	.....	22.1	24.5	98	92	Calm	Calm	9	8	39.1
12	.....	.....	22	27.5	98	80	Calm	SE 1	8	8	10.9
13	.....	.....	21.8	25.6	97	87	Calm	Calm	8	10	5.3
14	.....	.....	22.1	30	98	63	Calm	NW 2	9	4	2.8
15	.....	.....	22.9	23	91	97	N 2	SW 1	10	10	245.3
16	.....	.....	21.6	28	95	77	E 2	SE 2	10	10	5.8
17	.....	.....	22	26.5	96	88	ESE 3	ESE 3	10	10	19
18	.....	.....	23.7	27.5	96	81	E 2	SE 2	10	10	1.5
19	.....	.....	24.2	23.5	96	96	Calm	Calm	8	10	13.4
20	.....	.....	22.5	29.2	98	72	Calm	SW 1	10	7	1.3
21	.....	.....	22.1	30.5	98	65	Calm	NW 2	7	8	.5
22	.....	.....	23.9	25.5	92	87	Calm	SSW 5	10	10	16.8
23	.....	.....	23	25	96	92	Calm	SSW 2	10	10	10.4
24	.....	.....	23	29.5	98	73	Calm	WSW 2	8	4	.....
25	.....	.....	22.4	28.8	97	70	Calm	NW 2	8	8	.....
26	.....	.....	22.2	31.7	97	65	Calm	SE 3	3	9	.....
27	.....	.....	21.8	29.9	92	65	Calm	NE 3	4	3	.....
28	.....	.....	22.2	29.7	96	70	Calm	NE 1	3	4	.8
29	.....	.....	21.8	31.7	93	59	Calm	NE 2	3	1	.....
30	.....	.....	21.6	30.5	95	65	Calm	ESE 2	4	4	.....
31	.....	.....	22.9	30.5	90	65	NE 1	NE 2	6	7	1.3
Mean	.....	.....	22.8	27.9	95.8	77.8	0.4	1.7	7.8	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	421.6

NOVEMBER.

	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	21.8	30.5	93	62	E 1	E 2	6	9	.....
2	.....	.....	20.5	28.5	93	70	Calm	SE 1	3	7	1
3	.....	.....	21.5	31.5	91	57	Calm	NE 2	3	9	.....
4	.....	.....	20.3	30.5	91	63	Calm	NE 2	4	8	.....
5	.....	.....	21.5	29	95	74	Calm	W 1	6	8	.....
6	.....	.....	21	30.3	95	66	Calm	NE 2	6	8	.....
7	.....	.....	22	31	96	61	Calm	NE 2	9	4	.....
8	.....	.....	22.7	31.3	96	59	Calm	NE 3	3	8	.....
9	.....	.....	22.2	30.2	92	64	Calm	NE 2	3	8	.....
10	.....	.....	21.5	29.3	91	64	NE 1	NE 3	3	6	1.3
11	.....	.....	21.9	30.5	95	56	Calm	NE 3	6	2	.....
12	.....	.....	23.2	28.5	83	67	NE 1	NE 1	10	7	.....
13	.....	.....	22.5	30.5	82	59	NE 1	NE 2	3	5	2.5
14	.....	.....	22.9	30.5	91	65	Calm	NE 2	8	8	.....
15	.....	.....	22.8	29.5	95	64	Calm	NE 4	8	2	.....
16	.....	.....	20.3	30	93	56	Calm	NE 4	3	2	.....
17	.....	.....	21.1	30.5	93	62	Calm	NE 2	2	8	.....
18	.....	.....	20	27.9	91	63	Calm	NE 2	0	8	.....
19	.....	.....	19	30	90	54	Calm	NE 2	1	3	.....
20	.....	.....	20	31.7	93	52	Calm	NE 2	8	2	.....
21	.....	.....	19.5	32.3	88	53	Calm	NE 1	3	3	.....
22	.....	.....	21.5	27	91	77	Calm	SW 1	9	10	1
23	.....	.....	21.2	28.5	97	74	Calm	W 1	6	7	.....
24	.....	.....	22	30.9	93	60	Calm	NE 2	8	8	2.5
25	.....	.....	22.2	31.5	94	60	Calm	S 2	9	4	.....
26	.....	.....	20.5	31	91	59	Calm	SW 1	2	3	.....
27	.....	.....	22.5	31	96	62	Calm	S 2	4	4	.....
28	.....	.....	22.3	31.5	95	57	Calm	NE 2	3	7	.....
29	.....	.....	20.7	30.5	95	59	Calm	NE 2	3	4	.....
30	.....	.....	20.8	31	93	56	Calm	NE 4	4	2	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	.....	.....	21.4	30.2	92.4	61.8	0.1	2.1	4.9	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.3

DECEMBER.

	mm.	*mm.*	°*C.*	°*C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	.....	.....	20.5	31.5	90	54	Calm	NE 2	8	4	.....
2	.....	.....	20	29.1	95	60	Calm	NE 2	10	8	.....
3	.....	.....	22.3	30.5	91	58	Calm	NE 4	10	4	.....
4	.....	.....	21	29	82	55	NE 1	NE 3	8	9	.....
5	.....	.....	22.5	29	81	55	NE 2	NE 3	8	8	.....
6	.....	.....	21.5	30	86	55	Calm	NE 3	8	7	.....
7	.....	.....	20	30	91	49	Calm	NE 3	10	5	.....
8	.....	.....	19	29.5	90	55	Calm	NE 2	4	7	.....
9	.....	.....	19.8	30.5	95	50	Calm	NE 2	5	8	.....
10	.....	.....	19.5	30	95	51	Calm	NE 2	6	7	.....
11	.....	.....	19.8	28.5	91	62	Calm	NE 2	2	9	.....
12	.....	.....	20.5	31.6	91	49	Calm	NE 2	4	4	.....
13	.....	.....	23	26.5	79	73	NE 2	NE 2	8	9	0.5
14	.....	.....	20.8	31.1	95	59	Calm	NE 1	8	8	.....
15	.....	.....	21.5	30.3	91	59	Calm	NE 1	6	8	.....
16	.....	.....	19.5	29	95	66	Calm	ESE 2	4	4	.....
17	.....	.....	19	31.9	90	46	Calm	NE 2	6	7	.....
18	.....	.....	21	29.6	91	53	Calm	NE 3	9	10	.....
19	.....	.....	20.8	31.1	86	48	Calm	NE 2	8	3	.....
20	.....	.....	21.5	30.7	87	49	Calm	NE 2	8	9	.....
21	.....	.....	21.4	29.5	90	58	Calm	NE 2	9	9	.....
22	.....	.....	19.5	31.2	95	47	Calm	ESE 2	10	9	.....
23	.....	.....	18	30.5	95	53	Calm	S 1	3	6	.....
24	.....	.....	17.7	30.5	95	49	Calm	S 2	8	3	.....
25	.....	.....	22	27.5	84	63	N 1	N 3	9	10	16.3
26	.....	.....	23.5	24	96	91	ENE 2	NE 3	10	10	41.4
27	.....	.....	22.5	29.5	89	60	ENE 2	SE 3	8	7	.....
28	.....	.....	21.5	28.5	91	67	Calm	NE 1	4	7	1.3
29	.....	.....	22.5	29.5	91	68	Calm	NE 1	7	7	3
30	.....	.....	21	28.7	91	69	NE 1	SW 1	10	9	.....
31	.....	.....	21.6	29	95	64	Calm	NE 2	8	9	.3
Mean	.....	.....	20.8	29.6	90.5	57.9	0.4	2.1	7.3	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	62.8

IBA.

[$\phi = 15^\circ$ 20′ N; $\lambda = 119^\circ$ 58′ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.51	58.83	21.5	29.5	76	64	ESE 2	WNW 2	10	10	.....
2	60.24	59.07	21.5	30.1	94	61	Calm	NNW 3	10	10	.....
3	60.48	59.01	20.2	29	89	63	E 1	WNW 2	10	8	.....
4	60.11	59.08	21.3	29.1	76	57	ESE 2	WNW 2	10	10	.....
5	60.11	59.13	23.8	28.8	68	59	ESE 2	NW 2	10	10	.....
6	60.27	59.55	23.4	27.9	65	56	ESE 2	ENE 1	10	10	.....
7	59.98	58.95	22	28.4	66	55	ESE 3	W 2	10	10	.....
8	60.74	60.03	20.5	29.2	67	51	ESE 2	WNW 3	10	5	.....
9	61.68	60.31	20	27.9	59	49	SE 3	WNW 2	8	8	.....
10	61.12	59.96	20.1	28	61	52	ESE 4	NNW 2	10	7	.....
11	60.96	59.68	21	28.8	66	56	ESE 2	W 3	10	4	.....
12	60.34	59.41	20.4	29	88	64	E 1	W 2	10	10	.....
13	59.87	59.15	20	28.4	94	68	E 1	N 2	10	10	.....
14	60.04	58.88	22.5	28.9	92	62	NNW 1	NNW 2	10	10	.....
15	60.36	59.93	21.9	28.5	66	63	ESE 3	WNW 3	10	10	.....
16	61.21	59.15	21.2	27.6	75	55	E 2	SSE 2	10	10	.....
17	60.04	58.43	22.5	30.1	62	44	SE 3	ESE 3	10	10	.....
18	59.16	58.32	20.7	29	71	58	ESE 2	WNW 2	10	3	.....
19	59.24	58.16	20.6	29.6	83	59	ESE 1	WNW 2	10	4	.....
20	60.21	58.62	21	30.2	93	64	NNW 1	WNW 2	10	10	.....
21	60.06	58.73	21.7	28.6	61	59	ESE 3	W 2	10	9	.....
22	60.43	59.62	20.3	28.5	69	53	ESE 3	W 3	10	7	.....
23	60.33	58.80	21	28.4	63	51	ESE 3	WNW 2	10	10	.....
24	59.77	57.67	17.3	29.4	88	58	ESE 1	W 3	10	8	.....
25	58.76	57.56	20.9	29.5	71	50	ESE 2	WNW 2	10	8	.....
26	59.03	58.65	22.5	29.4	60	48	ESE 3	N 2	10	10	.....
27	59.71	58.60	22.8	28.7	64	56	ESE 3	WNW 3	10	10	.....
28	59.78	57.93	21.3	28.2	78	59	ESE 1	W 3	10	10	.....
29	58.63	57.83	20.8	29.3	79	55	ESE 2	W 2	10	6	.....
30	58.69	57.97	21.5	28	74	69	E 1	WNW 2	10	10	.....
31	58.68	58.71	23.8	28.6	70	63	ESE 2	WNW 2	10	10	.....
Mean	59.99	58.89	21.3	28.9	73.8	57.5	2	2.3	9.9	8.6	.....
Total											0

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	58.98	23.2	28.9	62	53	ESE 2	W 2	10	10	.....
2	59.54	58.98	20.4	29	82	60	E 1	W 2	10	10	.....
3	59.72	57.94	21.4	29.9	93	58	ESE 1	WNW 3	10	7	.....
4	58.61	57.50	19.9	30.5	95	65	ESE 1	WNW 2	10	10	.....
5	58.32	57.11	23	29.7	95	67	ESE 1	WSW 2	10	3	.....
6	58.20	57.06	18.9	30	96	64	ESE 1	WNW 3	10	2	.....
7	58.32	57.49	14.2	28.2	95	60	ESE 1	WSW 2	10	10	.....
8	58.88	58.66	21.5	29	65	50	ESE 3	WNW 2	10	10	.....
9	60.30	60.16	21.4	27	64	63	ESE 1	WNW 2	10	10	.....
10	60.66	59.76	22.4	28.5	65	53	ESE 2	WNW 2	10	10	.....
11	61.03	59.48	22.7	29	69	57	ESE 2	WNW 2	10	10	.....
12	59.71	58.65	22	29	86	64	ESE 1	W 2	10	10	.....
13	59.63	58.37	22.4	29.7	85	67	SSE 1	WNW 2	10	10	.....
14	58.91	57.69	22.1	29.4	88	66	ESE 1	WNW 2	10	10	.....
15	59.34	57.67	22.6	30.2	90	65	Calm	WNW 3	10	10	.....
16	60.07	59.18	20.4	30.4	95	64	Calm	WNW 3	10	7	.....
17	61.04	60.42	23.5	28.5	65	66	ESE 3	WNW 2	10	10	0.8
18	61.94	60.77	20.4	23.9	91	64	ESE 1	ESE 3	10	10	.5
19	60.57	60.17	21.5	26.6	56	50	ESE 3	NNW 2	10	10	.....
20	61.62	60.44	20.4	27.5	65	56	ESE 3	WNW 2	10	10	.....
21	61.44	60.78	20.6	28	72	57	ESE 2	WNW 2	10	10	.....
22	62.42	60.74	18.9	28.6	90	56	ESE 1	W 2	10	10	.....
23	61.74	60.25	19	29.3	90	53	ESE 2	WNW 3	10	10	.....
24	62.37	61.62	20.3	29.4	68	48	ESE 2	W 3	10	6	.....
25	62.32	60.95	17.5	29.5	91	52	ESE 1	WNW 2	10	5	.....
26	61.42	60.01	20.5	30.3	91	59	ESE 1	WNW 3	10	8	.....
27	61.69	60.61	17.5	30.5	95	58	Calm	WNW 2	10	3	.....
28	61.32	59.81	18.5	29.5	95	68	ESE 1	WNW 2	10	8	.....
29											
30											
31											
Mean	60.39	59.33	20.6	28.9	81.9	59.4	1.4	2.3	10	8.5	.....
Total											1.3

MARCH.

	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.71	60.22	19.5	29.6	96	63	Calm	WNW 3	10	8	.....
2	61.23	60.43	22.6	29.5	78	61	ESE 2	WNW 2	10	7	.....
3	62.97	61.45	23	30.8	63	53	ESE 2	WNW 3	10	7	.....
4	62.67	60.46	20.6	31.8	76	50	E 2	W 3	10	7	.....
5	61.96	60.08	18.5	30	95	57	ESE 1	WNW 3	10	7	.....
6	61.17	59.96	19.4	29.7	84	60	ENE 2	WNW 2	7	6	.....
7	61.19	59.16	20.5	29.5	82	61	ENE 1	WNW 3	10	10	.....
8	60.06	58.46	18	30.6	90	51	ENE 1	WNW 2	10	10	.....
9	58.88	57.53	19.5	30.8	92	63	Calm	W 3	10	10	.....
10	58.52	57.96	21.6	29.5	90	71	Calm	WSW 2	10	10	9.9
11	58.82	58.88	20.6	29.4	94	67	SE 1	W 3	10	10	11.2
12	59.46	58.57	21.5	30	95	65	ESE 1	WNW 2	10	8	.....
13	58.74	58.11	21.4	29	89	61	ESE 1	WSW 2	10	10	43.2
14	59.12	58.33	21	29.5	95	66	Calm	W 2	10	3	.....
15	59.02	58.40	19.8	29.5	92	60	E 1	WNW 3	10	5	.....
16	60.41	59.42	20.8	28.8	93	59	Calm	WNW 3	10	10	.....
17	60.88	60.18	21	29	92	63	Calm	WNW 2	10	5	.....
18	61.39	60.47	20.6	29	87	59	E 1	W 2	10	3	.....
19	61.39	60.40	19.8	29.7	94	64	Calm	W 2	10	8	.....
20	60.13	58.95	19.9	29.4	95	65	Calm	W 2	10	10	.....
21	59.23	57.70	19.7	29.8	95	58	ESE 1	WSW 3	10	10	.....
22	59.38	58.17	19	30	95	64	ESE 1	NW 2	10	10	.....
23	59.18	57.43	19.9	29	91	67	ESE 1	W 2	10	10	.....
24	57.68	57.02	18.8	30	93	61	ESE 1	SW 3	10	4	.....
25	58.15	58	22.8	30	81	69	ESE 2	WSW 2	10	5	.....
26	58.73	58.24	20.4	30.8	96	66	Calm	NW 2	10	10	.....
27	59.61	58.01	21.8	30	91	62	ESE 1	WNW 2	10	10	.....
28	59.52	57.60	20.4	30	91	66	ESE 1	WSW 3	10	10	.....
29	59.52	57.76	21.9	32.1	87	56	E 2	W 2	10	7	.....
30	59.03	57.93	21.9	30.5	92	66	Calm	WSW 2	10	10	.....
31	59.41	58.11	21	31.2	91	62	E 1	WNW 2	10	10	.....
Mean	59.94	58.82	20.6	30	89.5	61.8	0.9	2.4	9.9	8.1	.....
Total											64.3

APRIL.

	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.45	58.11	21.3	28.5	94	73	Calm	WNW 2	10	10	1.1
2	59	57.63	19.9	31	93	56	ESE 1	WNW 2	10	7	.....
3	58.32	57.03	21.1	31.4	93	56	Calm	WSW 2	10	7	.....
4	58.40	57.52	22.1	32	85	54	E 1	W 3	10	10	.....
5	58.46	57.83	20	31.4	92	58	Calm	W 2	10	9	.....
6	58.07	56.82	22.2	30.6	82	59	ESE 2	W 2	10	4	.....
7	57.99	56.01	21.4	31.4	95	59	Calm	WSW 2	10	8	1.3
8	57.56	57.02	25	30.7	88	62	SW 1	WSW 2	10	10	.....
9	58.24	57.25	22.4	30.5	95	66	Calm	W 2	10	10	.....
10	58.71	57.51	21.9	32	95	59	Calm	WNW 2	10	10	.....
11	58.22	56.44	21.9	30.9	94	67	NNW 1	NW 2	10	10	.....
12	57.22	56.32	22.5	30.7	93	67	Calm	NNW 2	10	10	.....
13	56.07	55.07	21	31.5	95	60	NNW 1	W 2	10	10	.....
14	56.68	55.61	23.4	31.4	90	66	Calm	WNW 3	10	10	.....
15	57.43	56.33	23.4	31	86	63	NNW 1	W 3	10	10	.....
16	58.26	57.50	23.4	30.5	92	67	Calm	WNW 2	10	10	.....
17	58.97	57.71	23.5	31.4	90	61	Calm	WNW 2	10	10	.....
18	59.80	58.62	22.4	31.8	93	58	Calm	W 3	10	10	.....
19	60.50	58.84	20.7	32.2	91	55	NNE 1	WNW 2	10	10	.....
20	60.50	59.25	22.5	31.6	87	57	S 1	WNW 2	10	10	.....
21	59.90	58.87	22	32	93	57	Calm	SW 2	10	10	.....
22	58.76	58.01	21.3	31.4	91	59	Calm	WNW 2	10	10	16.5
23	58.40	58.12	22.5	31.7	93	66	E 1	W 2	10	8	.....
24	59.92	58.84	22.5	32.5	90	62	Calm	WNW 2	10	7	.....
25	60.03	58.94	23	32.1	94	64	Calm	WNW 2	10	10	.8
26	58.48	57.32	23.4	31.7	91	62	E 1	WNW 2	10	9	7.9
27	57.61	56.68	23.6	30.9	94	65	E 1	WSW 2	10	10	.....
28	57.66	56.55	23	32.1	93	63	Calm	W 2	10	7	.3
29	58.55	57.79	22.6	32	95	63	Calm	WSW 2	10	6	.....
30	58.71	57.42	23.4	32.5	88	56	ESE 1	WNW 2	10	10	.....
31											
Mean	58.53	57.43	22.3	31.4	91.5	61.3	0.5	2.1	10	9.1	.....
Total											27.9

IBA.

[$\phi = 15°\ 20'$ N; $\lambda = 119°\ 58'$ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.62	57.40	20	32.5	88	47	SSE 1	WSW 2	10	4	.....
2	57.73	56.42	22.5	33	89	60	ESE 1	WSW 2	10	7	.....
3	57.89	56.82	21.9	33.2	87	58	Calm	WNW 2	10	6	.....
4	58.70	57.67	22.4	32.6	89	56	ENE 1	W 2	10	6	1.5
5	58.85	57.59	25.2	32	79	58	E 2	WSW 2	10	7	.....
6	57.91	56.29	21.9	33	85	50	Calm	W 2	10	6	.....
7	57.88	56.12	22.4	32.6	88	60	Calm	WSW 2	10	8	.....
8	56.35	55.32	23.9	31.6	91	66	E 1	WNW 2	10	10	.....
9	55.98	55.50	23.6	32.4	91	60	Calm	WSW 2	10	6	.....
10	57.08	56.72	24.8	32.4	88	60	ESE 1	WNW 2	10	10	.....
11	58.10	57.31	23.6	33.5	90	58	Calm	W 2	10	10	.....
12	57.93	57.64	22.7	33.3	94	59	Calm	W 2	10	9	.....
13	57.92	57.35	23.3	33.5	90	54	Calm	WSW 2	10	10	.....
14	58.61	57.98	27.4	33.4	73	57	ESE 2	WSW 2	10	10	.....
15	59.31	57.69	24.4	34	92	56	Calm	WSW 2	10	10	1
16	58.80	56.27	24.2	33	95	61	Calm	W 2	10	7	.....
17	56.76	56.07	22.2	33.4	94	57	Calm	NW 2	5	7	1.3
18	57.02	56.44	24	31.6	95	66	ESE 1	NNW 2	10	9	15.7
19	57.63	56.56	24.7	31.8	91	64	ESE 1	WSW 2	10	9	1.5
20	57.95	56.98	24.4	32.2	93	65	ESE 1	WSW 2	10	10	21.6
21	56.97	56.42	25	31.7	90	65	ESE 1	WSW 2	10	5	.....
22	57.76	57.10	24	32.6	91	64	ESE 1	WSW 2	10	4	.....
23	58.05	56.62	23.2	33.1	93	60	E 1	WSW 2	10	6	.....
24	57.16	56.12	24.5	32.9	87	61	ESE 1	W 3	10	3	.....
25	57.21	56.19	22.4	31.4	93	61	Calm	WSW 2	5	3	.....
26	56.88	56.71	24.5	30.1	79	73	ESE 2	SSE 1	10	10	.....
27	57.88	57.71	24.8	26	91	92	ESE 1	Calm	10	10	15.2
28	58.11	57.56	23.7	29.4	94	79	Calm	Calm	10	10	28.7
29	57.33	56.74	24.7	32.1	94	72	ESE 1	SW 2	10	10	.....
30	58.90	58.34	24.5	29	92	82	ESE 1	SW 2	10	10	.....
31	58.60	58.14	24.5	29.8	91	71	Calm	WSW 1	10	10	.....
Mean	57.80	56.90	23.7	32	89.6	63	0.7	1.8	9.7	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	86.5

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.09	58.25	24.5	32.1	92	66	Calm	WSW 2	9	6	.....
2	58.97	57.69	24.5	29.3	94	75	Calm	WNW 2	10	10	1.8
3	58.03	56.89	23.9	28.6	91	83	SE 1	WNW 2	10	10	33.8
4	57.51	56.04	23.5	31.7	96	66	Calm	WSW 2	10	7	.8
5	56.72	55.61	24.5	31	92	67	N 1	W 1	10	10	1
6	55.49	54.16	23	29.5	95	75	ENE 1	WSW 1	10	10	1.6
7	55.68	54.86	24.7	28.9	94	78	ESE 1	SSW 3	10	8	.3
8	57.14	57.68	24.6	27.5	85	81	ESE 2	ESE 1	10	10	4
9	58.02	57.55	24	31	84	65	ESE 2	SSE 2	10	7	1.7
10	58.23	57.10	24.5	29.5	94	73	ESE 1	WSW 1	10	10	3.3
11	56.71	56.05	24.6	28.8	95	77	ESE 1	WSW 2	10	10	13.5
12	56.94	56.42	23.7	30	97	69	Calm	S 3	10	10	8.6
13	57.83	57.71	24.9	30.8	89	73	ESE 2	S 3	10	10	3.6
14	58.82	57.32	24.3	29.6	87	73	ESE 1	SSW 3	10	10	.....
15	58.51	57.60	23.5	29.9	96	77	ESE 1	SW 1	10	10	2.3
16	59.08	57.36	23.6	32	97	69	Calm	WSW 2	10	3	1
17	58.97	56.90	24.6	31.4	95	70	Calm	S 2	10	10	18.8
18	58.33	57.66	22.5	29	96	78	Calm	Calm 5		10	.....
19	59.05	57.81	23.4	32.3	96	67	Calm	WSW 2	8	6	7.9
20	58.72	57.64	23	32.2	96	65	Calm	W 2	10	7	.8
21	58.12	57.19	24	32.8	93	64	ESE 1	WNW 2	10	7	5.6
22	57.58	56.82	23.8	30.9	94	66	ESE 1	WSW 2	10	10	25.9
23	57.17	56.54	24.5	31.9	95	66	SE 1	WSW 2	10	10	26.7
24	57.36	55.99	23.5	31	92	68	ESE 1	WSW 2	8	10	48.8
25	56.76	55.17	24.1	30.5	95	70	ESE 1	SSW 2	10	4	.....
26	54.92	54.91	23.5	30	96	78	Calm	WSW 1	10	10	6.1
27	53.14	52.75	24.9	26.6	96	89	Calm	NNW 1	10	10	10.7
28	49.18	46.58	24.5	28.6	97	88	Calm	WNW 2	10	10	99.
29	45.50	47.o2	24.4	25.6	96	88	NNW 3	WSW 4	10	10	194.8
30	51.40	52.99	27?	28	84?	85	SSE 3	SSE 2	10	10	26
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.63	55.83	24.1	30	93.3	73.6	0.8	1.9	9.7	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	548.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.79	56.62	25	27.5	92	82	SE 2	SSE 2	10	10	6.9
2	57.64	57.01	24.9	30.6	87	73	ESE 2	SSW 2	10	4	.3
3	57.87	56.89	24	31	95	71	Calm	WSW 1	8	7	.....
4	56.22	55.70	23.8	28.7	93	73	ESE 1	SSW 1	6	10	43.4
5	54.24	53.76	23.5	29.4	96	78	ESE 1	WSW 2	10	10	25.1
6	53.72	53.37	23.4	27.2	97	84	NNW 2	NW 1	10	10	31.2
7	54.04	54.47	23.9	26.7	95	91	ESE 1	SSE 3	10	10	16.7
8	56.29	56.64	25	25	92	93	SSE 2	SSE 2	10	10	79
9	55.82	54.73	24.2	24.2	97	97	S 2	ESE 1	10	10	124
10	53.52	54.32	25.6	23.9	92	96	WSW 2	WSW 2	10	10	79.8
11	53.72	53.92	27.6	28.8	80	80	WSW 4	WSW 3	10	10	35.5
12	55.03	55.56	27.7?	27.9	81?	84	WSW 4	SSW 3	10	10	15
13	56.01	56.03	27	28	84	84	WSW 3	SW 2	10	10	11.5
14	55.99	56.04	27.4	29	85	81	SW 2	WSW 2	10	10	10.2
15	55.74	55.27	27	29.2	87	80	WNW 2	W 2	10	10	13.7
16	55.88	56.23	26.5	29	90	83	SSW 2	SSW 2	10	10	12.7
17	56.61	56.62	25.6	29.4	93	82	S 2	WSW 2	10	10	9.7
18	57.21	56.52	26	30.5	94	75	S 1	WSW 2	10	9	5
19	57.13	57.02	26.5	30	91	75	S 2	SW 2	10	10	13.2
20	56.71	56.61	27	29.1	88	79	SSW 2	WSW 2	10	10	7.8
21	57.06	56.78	26.7	27.6	86	86	S 2	SSW 2	10	10	40.3
22	55.24	54.93	27.4	28.4	84	80	SW 3	W 2	10	10	2.6
23	55.51	55.42	27	30.5	86	72	W 2	WSW 2	10	9	3.6
24	54.88	55.02	27.3	30.6	87	76	WSW 2	W 2	10	10	.3
25	54.78	54.42	27.3	27.5	87	91	WNW 1	WSW 2	10	10	51.5
26	55.58	55.77	23.6	24.7	95	94	SE 1	S 1	10	10	35
27	56.13	54.76	23.6	26.2	97	89	Calm	S 2	10	10	192.5
28	54.20	54.27	25.4	25.5	92	91	WSW 2	SW 3	10	10	67.4
29	55.07	55.76	24.5	24.9	92	95	SE 2	SE 2	10	10	82.3
30	56.38	56.32	24.9	31.7	86	60	SE 2	S 3	10	10	.....
31	57.98	57.83	25	30.7	80	67	SE 2	S 3	10	10	.....
Mean	55.74	55.63	25.6	28.2	89.7	82	1.9	2	9.8	9.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,016.2

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.73	58.69	24.5	30	87	75	ESE 2	SSW 1	10	10	.....
2	58.19	57.97	23.7	30.1	87	72	SE 1	S 3	10	10	4.3
3	58.23	57.96	23.5	30.5	96	74	Calm	S 2	10	9	8.1
4	59.07	58.36	24.4	30.4	95	72	SE 1	S 2	10	9	.9
5	58.80	58.36	24.4	30	93	68	SSE 1	SSE 2	9	7	.....
6	58.63	58.12	23.4	30.4	95	68	Calm	WSW 2	9	3	1.3
7	57.91	57.77	24.2	31	95	76	S 1	W 2	10	10	1.6
8	58.21	57.68	24	30.5	96	75	Calm	W 2	10	10	3.1
9	58.34	57.50	24.4	29.5	96	76	ESE 1	WSW 1	10	10	3.3
10	57.32	56.27	24.2	28.6	97	78	Calm	SSW 2	10	10	17.8
11	56.37	55.72	22.8	24.5	96	92	ESE 1	WSW 1	10	10	65.5
12	54.44	54	25	24	92	96	SSW 2	SW 5	10	10	79.5
13	54.82	54.63	24.5	24.5	87	94	SSE 2	SE 2	10	10	113.5
14	56.20	56.65	24	28	92	76	SSE 3	SSE 3	10	10	4.6
15	57.74	57.77	24	30.4	90	65	ESE 2	S 2	10	10	.....
16	59.18	58.16	22.5	29.5	96	73	Calm	WSW 2	10	10	2.3
17	59.10	57.87	23.4	28	97	79	Calm	W 2	10	10	9.9
18	57.64	56.40	23.8	29.7	97	77	Calm	W 3	10	10	44.7
19	56.89	56.60	23.8	26	97	91	Calm	Calm	10	10	4.6
20	57.14	56.61	23.4	27.9	97	81	ESE 1	S 1	10	10	4.1
21	57.30	56.84	24.3	27.5	97	82	Calm	SSW 1	10	10	10.9
22	58.13	57.57	23.9	27.4	97	81	Calm	SSW 1	10	10	3.3
23	57.43	56.33	23	28.6	96	79	Calm	WSW 2	10	10	.7
24	55.65	54.37	23.9	29.8	96	76	Calm	WSW 2	10	7	1.8
25	54.94	54.80	23.4	29	92	78	SE 1	SSW 2	10	10	2.5
26	56.73	57.23	24.5	24.4	96	95	Calm	W 1	10	10	41.2
27	57.32	56.37	23.6	27	97	89	Calm	SSW 1	10	10	1.8
28	56.12	55.71	23.6	29.8	95	77	E 1	S 3	10	10	18
29	56.80	57.04	23.9	25.9	97	93	Calm	SSW 2	10	10	10.2
30	57.37	57.17	24.4	25.5	94	94	ESE 1	ESE 1	10	10	82.3
31	57.35	57.05	24	26.4	96	90	S 1	Calm	10	10	160.3
Mean	57.36	56.89	23.9	28.2	94.5	80.4	0.7	1.8	9.9	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	702.1

IBA.

[$\phi = 15°\ 20'$ N; $\lambda = 119°\ 58'$ E; barometer above sea, 4.8 meters; gravity correction not applied, —1.69 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.30	57.59	23.2	25	97	94	ESE 1	SE 1	10	10	88.1
2	58.59	57.58	23.4	26.2	97	89	SE 1	S 1	10	10	59.7
3	57.06	56.97	23.7	27.4	94	87	SE 1	SW 1	10	10	44.2
4	55.39	54.10	24.1	27.2	97	81	ESE 1	S 2	10	10	22.8
5	51.92	50.89	23.8	26.4	97	93	ESE 1	N 1	10	10	114
6	53.92	54.82	23	28.6	97	83	Calm	ENE 2	10	10	.3
7	55.67	55.42	22.4	30.4	96	74	ENE 1	WNW 2	10	5	36.1
8	55.62	55.43	24.1	28.4	96	86	NNE 2	NNW 2	10	10	39.4
9	56.19	55.76	25	30	96	78	Calm	W 2	10	10	40.4
10	56.72	55.99	24	30.6	97	72	Calm	W 2	10	10	5.3
11	56.62	56.72	25.2	25.6	96	93	Calm	Calm 10		10	38.6
12	57.68	57.86	24.6	28.2	97	87	ESE 1	SSW 1	10	10	11.9
13	58.91	58.32	24.7	27	97	92	Calm	ESE 1	10	10	94.2
14	59.42	58.85	23.8	24.4	97	96	ENE 1	S 1	10	10	99.6
15	59.16	58.57	22.5	28.4	96	79	Calm	SW 1	10	10	103.6
16	58.88	58.43	22.5	28.3	97	78	Calm	W 1	10	10	6.6
17	59.42	58.32	23	29.9	93	70	SE 1	S 2	10	10	14.2
18	59.43	58.17	23.6	29	97	78	ESE 1	SSW 2	10	10	2.8
19	60.43	58.96	23	30.1	96	77	Calm	SW 2	10	10	.....
20	59.06	57.96	22.9	30.5	96	72	Calm	WSW 1	10	7	.....
21	57.40	56.51	22.7	29.7	96	75	Calm	SW 2	10	10	.5
22	57.39	56.61	22	30.2	96	77	SE 1	WSW 2	10	8	.....
23	57.49	56.51	23	30.5	96	76	Calm	SW 1	3	3	13.2
24	57.98	57.60	23.5	30.3	96	73	Calm	SW 2	8	9	1.8
25	59.48	59.23	24.7	27.7	96	82	Calm	S 1	10	9	.4
26	59.96	59.47	23.5	26.4	97	90	Calm	NNE 2	10	10	2
27	59.41	58.83	22.8	31.2	97	69	Calm	NW 1	3	7	.....
28	59.25	57.50	23.7	31.8	92	69	Calm	W 2	4	2	.....
29	57.30	55.20	23	31.1	97	69	Calm	W 2	2	4	3.9
30	55.38	54.37	22.8	31	96	75	Calm	WNW 3	6	9	2.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.61	56.95	23.5	28.7	96.2	80.5	0.4	1.5	8.9	8.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	846.1

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.73	55.05	25.2	29.1	92	77	NW 1	NW 3	7	10	12.7
2	54.84	53.82	24.8	28	94	83	NNW 2	NNW 2	10	8	2.2
3	54	52.87	24.5	28	96	87	N 1	WNW 1	10	10	22.6
4	55.40	55.75	24.2	30.3	97	74	Calm	SSW 1	10	10	8.6
5	58.43	58.25	24	28.7	96	78	E 1	S 3	10	10	.3
6	59.65	59.12	24.7	26.5	92	88	SW 1	SSW 1	10	9	28
7	58.61	57.78	23.5	30	96	73	SSE 1	WSW 2	6	6	.....
8	58.66	58.73	22.6	29	97	78	Calm	Calm 4		9	.....
9	59.03	58.26	22.3	30.5	97	72	Calm	WSW 2	2	8	1.3
10	58.61	58.25	22.7	26.1	97	88	Calm	E 2	4	9	.....
11	58.72	57.79	21.5	30.2	96	68	Calm	WSW 2	1	7	.....
12	58.65	58.57	22.7	28.5	96	85	Calm	N 2	8	9	.....
13	59.05	57.59	22.5	30	96	68	Calm	SW 1	8	6	.....
14	57.78	56.04	21.2	30.5	95	60	Calm	NNW 2	10	6	.....
15	55.36	52.66	21.5	25.5	95	93	Calm	NW 6	9	10	48.3
16	47.87	50.05	25.5	27.8	94	83	NE 1	ESE 4	10	10	2.4
17	51.63	51.35	24.2	23.8	....	93	ESE 5	SE 5	10	10	38.9
18	54.14	53.74	25.1	26.6	89	87	SE 1	SE 2	10	10	19.8
19	55.83	55.48	24.9	28	92	81	SE 2	S 2	10	10	5.2
20	57.32	57.11	24.4	30.7	92	75	SSE 2	S 1	8	10	.....
21	57.64	56.36	23.5	29.5	96	79	Calm	NNW 2	7	7	.....
22	54.42	51.97	24.3	30.3	93	75	Calm	NW 2	10	10	53.8
23	56.43	56.99	25	26.1	96	89	S 2	WSW 2	10	10	9.1
24	59.15	58.38	23.7	29.8	97	75	Calm	SW 1	7	4	2.5
25	58.95	58.23	24	29.1	96	73	Calm	NW 1	10	8	.....
26	59.58	.....	21.8	....	96	....	SE 1	.....	2	.....	.....
27	.....	60.72	....	30	....	75	.....	NW 2	....	9	.....
28	61.66	60.57	23.8	30.5	82	72	Calm	WNW 3	1	3	.3
29	60.81	58.82	20.9	30	94	71	Calm	WNW 3	0	7	.....
30	60.07	58.91	23.6	31.1	91	64	Calm	WNW 2	0	6	.....
31	60.11	59.54	22.9	31.4	92	63	Calm	NW 2	1	8	.....
Mean	57.27	56.62	23.5	28.9	94.2	77.6	0.7	2.1	6.8	8.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	256

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.28	58.95	21.6	31	91	61	Calm	WNW 2	1	2	.....
2	59.86	58.23	21.7	31	94	60	Calm	W 2	0	5	.....
3	59.88	58.44	21	31.6	94	65	Calm	NW 2	0	2	.....
4	59.16	58.85	24.3	31.2	77	52	Calm	NW 2	1	1	.....
5	59.83	58.96	21.5	30.5	91	68	Calm	NW 2	1	1	.....
6	60.26	58.85	20.9	32.1	93	64	Calm	NNW 2	8	2	.....
7	60.77	59.74	21.5	32.2	95	60	Calm	Calm 6		10	.....
8	60.90	59.69	25.1	32.4	86	61	Calm	NNW 2	10	2	.....
9	61.39	60.57	24.1	31.4	82	70	Calm	NW 2	1	2	.....
10	61.51	59.77	21.6	31.4	88	66	Calm	WNW 2	0	5	.....
11	61.66	60.10	22	30.6	83	68	Calm	W 2	8	5	.....
12	61.43	59.80	23.7	29.9	85	65	Calm	WSW 2	1	10	.....
13	61.83	59.56	23.1	32.1	74	58	NE 2	NNW 2	1	5	.....
14	61.71	59.99	24.6	30.1	79	69	Calm	NW 2	10	9	.....
15	61.43	59.71	23.1	30.5	87	65	Calm	NW 2	5	8	.....
16	61.02	60.19	22	31.3	73	69	Calm	W 2	0	2	.....
17	60.71	59.29	19.7	31.4	85	68	Calm	NW 2	0	1	.....
18	60.47	59.52	18.7	30.4	92	64	Calm	NW 2	0	1	.....
19	60.92	59.17	18.5	30.6	96	65	Calm	WNW 2	0	5	.....
20	61.58	60.91	20.5	30.2	93	66	Calm	NNW 3	0	5	.....
21	60.36	59.12	19.2	30	96	64	Calm	W 2	0	1	.....
22	60.37	58.77	19.5	30.5	95	69	Calm	NW 2	0	1	.....
23	60.52	58.81	20.9	30.2	93	73	Calm	WNW 2	0	6	.....
24	60.25	58.69	22.1	30.1	93	77	Calm	W 2	1	2	.....
25	59.84	58.66	21	31.2	97	62	Calm	W 2	0	4	.....
26	60.22	58.99	21	30.1	96	71	Calm	W 2	0	1	.....
27	60.99	58.84	18.5	30	96	72	Calm	W 3	0	2	.....
28	60.77	58.81	20.6	30.4	95	74	Calm	WNW 3	0	2	.....
29	60.64	59.34	21	30.5	97	76	Calm	NW 2	0	2	.....
30	60.67	59.19	20.8	30.5	97	70	Calm	WNW 3	0	2	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.71	59.32	21.5	30.9	89.8	66.4	0.1	2.1	1.8	3.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.77	58.96	20.9	30.5	94	65	Calm	NW 2	2	3	.....
2	60.54	59.40	20	30.4	98	66	Calm	WNW 2	0	1	.....
3	60.97	59	21.2	31	90	66	Calm	W 3	2	4	.....
4	60.17	58.70	23.9	30.9	82	64	ESE 3	Calm 10		10	.....
5	60.26	59.34	23.5	30.8	88	64	Calm	WNW 2	1	1	.....
6	61.02	59.91	24	31.8	70	62	Calm	N 2	0	1	.....
7	62.26	60.17	22.9	31	90	73	ESE 3	N 2	1	0	.....
8	61.50	60.92	17.3	30.5	97	69	Calm	WNW 3	0	1	.....
9	61.20	59.35	18.1	29.9	98	71	Calm	W 2	0	1	.....
10	61.53	59	22.8	31.8	90	67	Calm	Calm 10		2	.....
11	60.42	58.82	18.1	30.6	95	62	Calm	WNW 2	1	1	.....
12	60.15	58.74	18.5	30.5	88	63	Calm	WNW 2	0	1	.....
13	60.17	58.95	19.8	28.9	99	72	Calm	WSW 2	9	10	.....
14	60.37	58.45	20.1	29.6	91	73	Calm	NW 2	2	9	.....
15	60.28	59.89	20.1	30.5	97	65	Calm	WNW 2	0	5	.....
16	60.91	59.75	22	29.8	94	67	Calm	Calm 3		8	.....
17	60.87	59.75	22.1	30.9	94	62	Calm	WNW 2	2	1	.....
18	61.62	59.64	18.4	31.2	99	61	Calm	NNE 2	5	10	.....
19	61.93	60.29	18.7	30	92	71	Calm	NW 2	1	1	.....
20	62.09	59.92	18.1	30.2	98	68	Calm	WNW 2	0	10	.....
21	61.60	59.15	20	30.5	98	68	Calm	WNW 3	5	1	.....
22	60.98	59.05	18.8	28.6	91	66	Calm	WNW 2	10	10	.....
23	60.65	58.57	16.4	30.5	97	66	Calm	W 3	0	1	.....
24	60.32	58.70	16.1	29	98	66	Calm	WSW 2	2	3	.....
25	59.32	59.23	17.5	28.1	97	75	Calm	NW 3	10	10	.....
26	56	55.71	27.1	27.9	85	69	Calm	SE 1	10	10	.....
27	57.48	57.84	25.6	30.1	71	61	SSE 3	NE 2	7	10	.....
28	60.56	58.70	20.3	31.3	96	70	Calm	WSW 2	3	10	.....
29	61.02	59.30	22	31.1	97	68	Calm	NW 2	1	7	.....
30	61.53	59.66	21.3	30.5	96	68	Calm	NW 2	9	9	.....
31	61.05	60.11	22.4	28.1	96	79	Calm	WNW 2	10	10	.....
Mean	60.63	59.19	20.6	30.2	92.5	67.3	0.3	1.9	3.7	5.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

BOLINAO.

[ϕ=16° 24′ N; λ=119° 53′ E; barometer above sea, 7.06 meters; gravity correction not applied, —1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.07	58.51	21.8	28.6	80	64	S 1	N 2	10	8	0.3
2	59.89	60.06	25	28.2	82	65	N 4	N 5	9	7	.....
3	59.69	59.04	23.5	30.7	85	57	Calm	NNE 2	10	4	.....
4	59.72	58.90	21	30	89	61	SE 1	N 2	6	7	.....
5	59.55	59.08	21.6	30	86	56	SSE 1	NE 1	6	8	.....
6	59.60	59.62	22.7	29.9	77	52	SE 1	E 2	10	7	.....
7	59.48	59.38	21.8	31.1	77	53	SE 1	NNE 2	7	7	.....
8	60.75	60.61	20.6	29.1	83	52	SE 1	NE 3	6	5	.....
9	61.02	60.77	18.8	28.5	71	43	SSE 1	ESE 2	5	4	.....
10	60.62	60.33	19.9	29	70	44	SE 1	ESE 2	9	4	.....
11	60.54	59.94	20.	30.7	79	45	SE 1	NW 2	5	2	.....
12	59.93	59.21	19.6	30.6	90	55	SE 1	NW 2	7	6	1
13	59.47	59.59	23.3	26.5	93	75	SW 1	NNE 4	10	10	2.5
14	60.07	59.47	23.4	27.3	80	66	N 5	N 4	7	3	.....
15	60.28	59.91	20.7	29.2	81	55	SE 1	N 2	4	5	.....
16	60.92	59.04	19.6	30.3	79	55	SSE 1	NE 2	4	6	.....
17	59.72	58.87	22	29.5	69	43	SE 1	E 2	8	10	.....
18	59.19	58.40	17.6	29.1	88	61	Calm	N 2	3	2	.....
19	59.01	58.43	20.8	30	89	60	SE 1	N 2	3	2	.....
20	59.93	58.69	24.4	27.9	80	67	NNE 3	N 4	10	2	.....
21	59.94	58.74	17	28.4	90	52	SE 1	N 2	3	4	.....
22	60.12	59.62	18.3	28.7	81	58	Calm	N 2	6	4	.....
23	60.11	59.09	17.6	28.4	84	49	Calm	N 2	5	6	.....
24	59.53	57.83	18.8	29.5	90	53	Calm	NE 2	8	6	.....
25	58.75	57.59	19.4	30.6	88	52	SE 1	N 2	7	6	.....
26	58.73	58.89	20.6	28.5	76	57	SE 1	NNE 2	4	9	.....
27	59.44	58.77	21.7	29	76	55	SSE 1	N 3	10	3	.....
28	59.42	58.09	23.8	28.9	70	52	NNE 4	N 3	9	9	.....
29	59.03	57.13	20.6	29.7	85	53	Calm	ENE 2	9	3	.....
30	58.21	57.55	23	29	73	61	SE 2	N 1	10	8	.....
31	58.67	58.59	23.2	27.3	80	63	Calm	N 2	10	10	.....
Mean	59.69	59.02	21	29.2	81.3	55.9	1.2		2.3	7.1	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.62	58.83	22	30.5	81	43	SE 1	ENE 2	10	7	.....
2	59.16	58.74	23.9	31.3	70	55	SE 2	N 2	10	6	.....
3	59.46	58.02	22	31.5	88	51	Calm	NNW 2	6	4	.....
4	57.91	56.77	20.5	32.5	93	49	Calm	N 1	3	9	.....
5	57.73	56.79	25.5	31.8	83	61	NE 2	NNW 2	9	4	.....
6	57.84	57.26	24.5	29.6	79	59	NNE 3	N 3	4	2	.....
7	57.57	57.11	22	29.7	86	50	NE 1	NE 2	4	3	.....
8	58.12	58.69	21.5	29.6	74	47	SE 2	ENE 1	9	7	.....
9	60.25	60.50	20.9	28.1	83	68	SE 1	N 1	7	8	.....
10	60.28	59.68	20.5	27.2	80	59	SE 1	N 1	7	6	.....
11	60.43	59.32	21.6	28.1	82	58	SE 1	NNE 1	5	10	.....
12	59.36	58.18	22.1	28.9	87	67	SE 1	N 1	7	8	.....
13	58.80	58.01	23.9	32.4	71	47	SE 2	E 1	10	6	.....
14	58.82	57.34	23.8	31.5	81	57	SE 1	N 2	10	4	.....
15	58.58	57.52	25.2	30	87	69	N 1	NNW 2	10	7	.....
16	59.59	59.01	25	30.7	77	61	N 3	NNE 3	5	3	.....
17	60.35	60.54	23.5	27	68	59	SE 2	N 3	10	10	.....
18	61.30	60.41	21.1	28.7	90	53	SE 1	N 2	10	6	.....
19	60.60	59.98	18.4	28	86	47	Calm	E 1	10	10	.....
20	61.41	60.27	20	29	77	52	SE 1	N 2	9	7	.....
21	61.03	60.29	21	29.8	73	54	SE 2	NNW 2	9	7	.....
22	61.79	60.43	21.5	29.6	85	52	Calm	N 2	6	4	.....
23	61.30	59.88	18.7	30.6	83	48	SE 1	N 3	5	3	.....
24	61.83	61.16	21	30.2	68	49	SE 2	N 2	4	2	.....
25	61.54	60.64	18	30	92	59	SE 1	NNE 2	5	2	.....
26	61.26	59.83	20	33	91	49	SE 1	N 2	4	2	.....
27	61.18	59.93	22.1	30.8	90	60	SE 1	W 3	3	2	.....
28	61.11	59.26	20.9	30.5	94	62	SSE 1	W 2	1	3	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.94	59.09	21.8	30	82.1	55.2	1.2		1.9	6.9	5.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.38	59.55	22	31.1	95	58	SE 1	NW 3	3	2	.....
2	60.98	60.06	21.7	31.6	90	53	SE 1	N 2	4	4	.....
3	63.08	61.23	22.3	29.9	75	57	SE 2	NNE 2	4	2	.....
4	62.13	60.27	23	33	78	42	SE 1	N 2	5	6	.....
5	61.58	59.77	21.1	31	90	56	SE 1	N 2	5	3	.....
6	61.15	59.50	22.2	33.5	79	42	SE 2	NNE 2	2	2	.....
7	60.84	58.82	22.4	30.5	81	52	SE 2	NNW 3	3	2	.....
8	60.30	58.51	20.5	30.7	90	61	SE 1	NE 2	6	1	.....
9	58.70	57.16	21.5	31.9	90	55	SE 1	NNW 2	3	2	.....
10	58.02	57.30	22.5	30.6	91	67	S 1	WNW 3	4	6	.....
11	58.31	58.20	23.5	32.3	87	57	SE 2	NW 3	4	4	.....
12	58.90	57.96	21.6	30.4	91	66	SE 1	N 3	4	4	.....
13	58.16	57.51	22	27	93	84	SE 2	W 2	3	6	19.8
14	58.74	57.49	23	30.4	96	64	S 1	W 3	9	4	1.5
15	58.55	58.92	24.8	29.4	83	68	N 5	N 4	8	6	.8
16	60.04	59.61	23.5	27.4	85	71	N 2	NNE 3	7	7	.....
17	60.22	59.80	23.4	29.4	88	62	Calm	NNW 2	8	4	.....
18	60.89	60.07	21.7	29.8	85	58	SE 1	NW 3	4	5	.....
19	60.93	60.18	21.8	30.6	84	63	SE 1	N 2	5	2	.....
20	59.42	58.42	24.5	30.5	82	62	NE 1	NNW 2	4	3	.....
21	59.12	57.54	25	29.9	80	64	NNE 5	N 2	7	0	.....
22	58.89	57.71	24.5	30.6	86	67	NE 2	N 2	5	1	.....
23	58.37	56.76	21.9	30	95	65	SE 1	W 3	4	3	.....
24	56.97	56.07	22.7	32.9	89	55	SSE 1	WSW 4	3	4	.....
25	57.56	58.15?	23.6	30.5	93	66	SE 2	W 3	1	4	.....
26	58.85	58.06	22.5	31.5	96	69	Calm	N 2	5	4	.....
27	59.27	57.93	22.8	33	97	50	Calm	N 2	6	5	.....
28	58.72	57.47	24.7	31	81	58	SE 2	W 3	5	5	13.5
29	59.37	57.91	23.5	31.6	96	57	SE 1	N 2	6	6	.....
30	58.79	58.32	26	30.4	85	69	NE 2	NNW 1	7	1	20.8
31	59.11	57.60	21.4	33.4	92	46	SE 1	N 1	3	2	.....
Mean	59.56	58.51	22.8	30.8	87.8	60.1	1.5		2.4	4.7	3.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	56.4

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.95	57.17	24	32.5	83	58	SSE 1	N 2	2	2	.....
2	58.39	57.12	23.7	32.6	83	55	SE 1	W 2	3	4	.....
3	57.81	56.65	24	33.5	81	56	SE 2	N 3	2	3	.....
4	58.01	58.20	22.5	33.4	87	53	S 1	N 2	2	3	.....
5	58.14	57.22	24.1	32.8	79	55	SSE 1	N 2	4	2	.....
6	57.55	56.09	23.7	31	82	69	SE 1	NNW 2	3	3	.....
7	57.36	55.45	23.8	32.6	91	60	SE 1	N 2	3	3	.....
8	56.85	56.33	23.5	31.4	95	65	Calm	N 3	3	2	.....
9	57.39	56.71	23.6	33	95	59	SE 1	NNW 2	4	1	.....
10	58.54	57.42	23.8	32.3	93	64	Calm	N 2	5	2	.....
11	58.07	56.32	27	32.5	81	63	NNE 3	N 3	7	2	.....
12	56.53	55.48	24	30.3	96	74	S 1	NW 3	5	10	.....
13	55.38	54.70	25.9	32.5	88	65	W 1	NNW 2	8	8	.....
14	56.14	55.68	26.5	31	92	68	NNE 3	N 2	8	9	.....
15	57.41	56.16	25.6	30.6	87	67	N 3	N 2	7	4	.....
16	57.53	57.05	26.1	31.4	91	68	NNW 1	NNW 2	8	5	.....
17	58.73	57.21	25.7	30.5	88	72	N 1	NW 2	9	4	.....
18	59.21	57.99	24.1	31.5	95	69	SSE 1	NW 3	4	3	.....
19	60.27	58.69	23.5	34.7	96	51	SSE 1	N 2	3	1	.....
20	60.23	58.59	23.6	32.3	95	67	Calm	N 2	4	2	.....
21	59.24	58.56	23.6	31.7	91	72	SE 2	W 3	0	2	.....
22	58.10	57.24	24	32	96	72	Calm	NW 2	4	3	.....
23	58.45	57.86	25.6	32.4	95	70	SE 1	NNW 2	7	5	.....
24	59.53	58.48	23	35.8	97	53	Calm	N 2	4	3	1
25	60.12	58.29	24.9	34.9	92	47	SE 1	NE 2	4	4	.....
26	58.11	57.01	25.6	33.4	92	60	SE 1	NNE 2	2	5	.....
27	57.33	56.16	25.1	32.6	93	64	SE 1	N 3	6	6	.....
28	57.48	55.60	25.5	33.2	92	63	SSE 1	NW 3	7	3	.....
29	57.66	57.29	25	34.2	93	58	SSE 1	N 2	4	2	.....
30	58.39	57.18	26.4	33.7	97	65	SE 1	NW 2	2	3	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.10	57	24.6	32.5	90.5	62.7	1.1		2.3	4.5	3.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

BOLINAO.

[$\phi = 16^\circ$ 24′ N; $\lambda = 119^\circ$ 53′ E; barometer above sea, 7.06 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.03	56.69	25.3	34	89	62	SSE 1	N 2	2	2	.....
2	57.50	56.01	24	33.6	97	68	SSE 1	N 2	2	3	.....
3	57.31	56.38	26	35.5	84	49	SE 2	NE 2	3	2	3
4	58.53	57.14	25	32.5	97	76	SE 1	N 2	3	4	.....
5	58.44	57.09	27	32.7	98	73	SE 1	E 3	7	4	.....
6	57.43	56.36	26.2	35.5	82	59	SE 2	SE 2	2	3	.....
7	57.29	55.59	25	34	97	66	S 1	N 2	3	3	.....
8	55.93	54.60	25.1	33.6	91	58	SE 1	NW 2	4	4	.....
9	55.44	55.10	25.9	31	88	69	SE 1	W 2	6	5	15.7
10	56.51	56.21	25.5	32.5	92	60	Calm	NW 2	8	6	.....
11	57.69	56.89	25.4	32.7	90	62	SE 1	NW 2	7	5	.....
12	57.45	57.07	26.3	34.6	84	45	SE 2	N 2	6	4	.....
13	57.42	57.11	27.7	33.1	87	63	NE 1	NE 2	5	3	.....
14	58.13	57.05	27.2	35.6	75	44	SE 1	E 3	7	3	42.7
15	58.95	56.93	26.1	33.5	98	64	SSE 1	N 2	5	4	.....
16	57.88	55.71	25	32.2	92	71	S 1	N 2	5	3	2.5
17	56.01	55.66	24.9	32.4	91	74	S 1	W 2	5	4	8.4
18	56.40	55.91	26	33.3	98	76	SE 1	N 2	4	3	.....
19	57.15	55.82	26	31.8	96	83	SE 1	W 4	3	4	11.2
20	57.04	56.21	25	31.9	98	81	SSE 2	W 3	6	4	.....
21	56.23	55.80	25.5	30.2	96	84	SSE 2	W 3	2	5	.....
22	56.89	56.46	25.4	32.5	96	75	SE 2	WNW 3	4	3	.....
23	57.37	56.18	26.2	32.5	94	75	Calm	N 2	5	3	.....
24	56.39	55.48	27	32.4	97	74	Calm	W 2	5	3	1.5
25	56.23	54.95	25.4	32.1	98	78	Calm	W 4	7	5	.....
26	56.55	56.21	24	31.7	95	69	SSE 1	N 2	4	6	.....
27	56.96	56.17	25.7	32.8	92	66	SSE 1	W 4	7	6	.....
28	57.45	56.22	25.5	33	91	57	SE 1	SW 3	7	8	.....
29	56.73	55.74	25.7	32.1	94	72	SSW 1	WSW 4	7	6	9.7
30	57.71	57.57	25.2	29.2	97	88	S 1	SW 2	7	7	15.7
31	57.66	57.16	25.9	31.4	96	76	S 1	W 3	6	5	2.8
Mean	57.18	56.24	25.7	32.8	92.6	68.3	1.1	2.5	5	4.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113.2

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.64	57.28	24.6	33.6	.....	.....	Calm	N 2	4	3	8.6
2	58.25	57.02	25.6	32	.....	.....	SE 1	NW 2	5	2	.....
3	57.33	55.96	25.3	32.6	.....	.....	SE 1	W 2	4	6	5.3
4	56.80	55.19	25	32.1	.....	.....	S 1	W 3	6	4	54.6
5	56.24	54.96	24	31.8	.....	.....	S 1	WNW 2	10	7	.....
6	54.81	53.31	25	32	.....	.....	Calm	NW 1	6	5	24.9
7	55.13	54.15	25.1	33.4	.....	.....	Calm	SE 2	7	5	.....
8	56.56	56.53	25.6	28.7	.....	.....	SSE 1	SE 3	3	7	20.1
9	57.48	56.46	25	33	.....	.....	SE 1	S 2	7	6	.....
10	57.56	56.37	25.5	30.4	.....	.....	S 1	S 1	6	8	.....
11	55.86	54.53	25.6	29.4	.....	.....	SSE 1	SSW 2	10	8	4.8
12	55.91	55.27	24	29.7	.....	.....	S 1	S 2	10	8	8.1
13	56.89	56.56	25.1	32	.....	.....	SSE 2	SW 3	7	7	1.5
14	57.94	56.63	24.9	29.9	.....	.....	S 1	SSW 1	4	5	.3
15	57.64	56.73	25	31.8	.....	.....	S 1	SW 2	2	2	22.9
16	58.35	57.03	24	31.8	.....	.....	Calm	NW 2	6	5	23.6
17	58.46	56.53	23.8	31	.....	.....	Calm	WSW 3	8	5	11.4
18	57.45	57.15	24	32.3	.....	.....	Calm	NW 2	5	6	1.5
19	58.40	57.32	25	33.6	.....	.....	SE 1	WSW 3	7	4	.....
20	58.15	57.27	25	32.5	.....	.....	SE 1	E 2	3	3	57.2
21	57.58	56.71	25	31.8	.....	.....	SE 1	WNW 2	4	4	7.4
22	57	56.06	25.4	30.5	.....	.....	S 1	NW 3	8	7	.....
23	56.65	56.41	25.8	29.4	.....	.....	Calm	W 1	7	7	21.1
24	56.24	55.11	25.1	.....	.....	.....	SSE 2	W 2	10	8	3.3
25	55.83	54.53	.....	.....	.....	.....	SSE 1	W 2	5	6	.....
26	54.16	53.79	.....	.....	.....	.....	Calm	NW 2	5	7	.8
27	52.46	51.98	26.8	30.5	.....	.....	Calm	W 2	10	9	7.6
28	47.87	45.87	29	30.6	.....	.....	NNE 3	NNE 4	7	10	.3
29	43.40	44.15	27	25.4	.....	.....	NW 7	WSW 6	10	10	106.7
30	49.35	51.38	25	29.1	.....	.....	S 2	S 3	10	10	20.3
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	55.81	54.94	25.2	31.1	.....	.....	1.1	2.3	6.5	6.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	412.3

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	54.84	55.28	24.9	29.2	97	84	S 2	SE 2	10	10	.....
2	57.16	55.98	25	32.7	96	69	SE 2	S 2	7	6	7.1
3	57.46	56.26	25.3	30.1	98	85	SE 1	SW 1	6	5	.....
4	55.99	54.95	26.1	31.4	96	79	SE 1	W 2	3	4	1.3
5	53.58	53.12	24.7	30.3	98	79	SE 2	SW 1	7	10	23.6
6	53.10	52.35	24.5	29	98	85	SW 1	WSW 1	10	10	60.7
7	53.21	53.15	24.9	29.5	98	81	SE 2	S 3	6	8	9.1
8	55.29	54.85	25	28.5	98	84	SE 1	WSW 3	10	9	16.2
9	54.97	53.23	24.6	25.8	98	97	SSE 1	S 1	10	10	118.9
10	52.54	52.67	24.1	25.5	98	98	S 2	SE 1	10	10	101.4
11	52.25	52.18	25.6	26.7	95	95	SW 2	WSW 3	10	10	15.2
12	53.35	53.96	26.7	30.2	94	84	SW 3	SW 4	8	7	11.2
13	54.44	54.16	26.5	30.3	97	83	SW 2	SW 5	7	6	9.1
14	54.85	54.59	26.6	27.6	96	93	SW 2	SW 2	9	9	16
15	54.52	53.64	26.8	29.8	94	82	SW 2	SW 2	6	8	13.7
16	54.69	54.60	26	31.4	94	79	SW 2	WSW 3	7	7	2.3
17	55.60	55.25	25.7	30.2	98	81	Calm	SW 3	7	7	.5
18	56.18	55.42	25.8	29.7	97	87	Calm	WSW 2	6	7	.....
19	55.92	55.75	26.5	30.2	96	85	S 1	SW 2	7	6	13.2
20	55.45	55.21	25.9	30.8	98	79	S 1	SW 3	10	7	30.5
21	55.64	55.13	25.2	28.5	98	88	Calm	SW 2	10	10	12.2
22	53.55	53.93	26.4	28.1	97	90	SW 1	W 1	10	10	33.8
23	54.37	53.96	24.2	30	97	81	Calm	SW 2	8	6	.....
24	53.94	53.86	26	29.9	95	84	SW 1	SW 2	7	7	.8
25	53.98	53.51	26.4	29.6	98	88	SW 1	W 3	8	7	31
26	54.65	54.13	24.5	28.7	97	91	Calm	WSW 1	10	8	45
27	54.91	53.92	24	26	97	95	S 1	ESE 1	10	10	60.9
28	53.16	52.78	24.1	26.4	98	96	Calm	S 2	10	10	60.5
29	54.06	54.50	23.9	26.5	99	92	S 2	SSE 2	10	10	25.1
30	54.95	55.53	24.8	30.1	96	90	SE 1	S 1	10	10	.5
31	57.23	57.27	25.6	31	95	84	S 2	SE 1	10	10	.....
Mean	54.70	54.36	25.4	29.2	96.8	86.1	1.3	2.1	8.4	8.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	719.8

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.31	57.68	25	31.9	96	72	SE 1	S 2	10	9	.....
2	57.45	57.30	24.4	28.7	96	90	Calm	Calm 1	0	10	3.8
3	57.06	56.69	24.5	30.5	97	82	SSE 1	SSW 2	10	8	1.8
4	57.85	57.31	24.1	30.5	97	87	S 1	SW 2	7	7	.....
5	57.71	57.25	24.7	32	96	74	S 1	S 2	6	6	.....
6	57.60	57.06	24	31.1	97	68	Calm	SW 3	7	5	.8
7	56.92	56.71	24.7	30.1	96	77	SE 1	SSW 2	9	7	.....
8	57.16	56.69	24.8	29.3	95	83	SE 1	W 2	6	7	.8
9	57.20	56.47	24.8	31	96	75	Calm	SW 2	8	8	8.2
10	56.35	55.27	25	28.5	97	87	Calm	SW 2	10	10	59.4
11	55.26	54.50	24.1	26.1	97	96	Calm	WSW 1	10	10	23.6
12	53.07	52.07	24.5	25.5	98	98	S 1	SSW 1	10	10	102.4
13	52.90	52.77	23.3	24.7	98	97	SSE 2	SSE 2	10	10	76.5
14	54.87	54.64	23.7	27.9	99	86	SSE 2	S 4	10	9	11.4
15	56.70	56.98	24	31	97	80	SE 1	S 2	10	7	.....
16	58.24	57.68	24	30.3	97	79	Calm	N 2	4	6	53.1
17	58.35	56.68	24.4	30	97	88	Calm	W 3	10	6	.....
18	56.50	55.42	24.2	29.8	97	87	Calm	W 2	8	6	20.3
19	55.59	55.38	24.7	28	97	92	Calm	W 2	10	9	22.6
20	56.24	55.08	23.6	30	97	88	SSE 1	W 1	8	6	15.7
21	56.90	55.98	24.3	28.2	97	94	Calm	Calm 0	8	8	4.3
22	57.12	56.08	24.6	29	97	86	SSE 1	SW 2	10	6	3.8
23	56.70	55.74	24.4	29	97	85	Calm	WNW 1	10	6	.....
24	54.48	53.19	24	29.7	97	87	Calm	NW 2	10	4	.....
25	53.92	54.06	24.1	30.4	97	87	SSE 1	WSW 2	9	8	.5
26	55.84	55.54	25.4	29.5	98	84	Calm	N 1	10	9	31.5
27	56.11	55.94	23.5	25.5	97	98	S 1	SSW 1	10	10	34.3
28	55.34	54.51	24	30.5	98	85	Calm	SW 1	7	8	.....
29	55.41	55.49	25	27.3	98	92	Calm	SW 2	9	7	2.1
30	56.15	56.58	24.9	25.5	98	97	SE 2	SE 1	6	10	12.9
31	55.94	55.65	24.1	29.5	98	85	SE 1	S 3	9	9	3.1
Mean	56.30	55.75	24.3	29.1	97.1	86	0.6	1.8	8.7	7.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	492.9

BOLINAO.

[$\phi = 16°\ 24'$ N; $\lambda = 119°\ 53'$ E; barometer above sea, 7.06 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.24	56.47	24.1	30.8	97	78	SSE 1	S 2	10	10	9.4
2	57.05	56.53	24	30	98	91	SSE 1	S 1	10	7	4.8
3	55.85	55.59	24.3	29.7	97	84	Calm	SW 2	9	7	3.3
4	53.97	53.06	24.5	26.3	98	96	SE 1	NE 1	9	10	27.1
5	51.65	51.19	25.4	28.1	98	93	SE 1	N 2	10	10	7.1
6	52.75	53.76	27.5	29	96	89	WNW 2	NW 1	9	10	40.8
7	54.60	54.38	25.2	29.4	98	....	SE 1	W 2	7	7	11.2
8	54.20	54.68	26.4	30.1	98	90	Calm	NW 3	10	7	3.8
9	54.89	54.97	27.3	28.7	94	90	W 2	WSW 2	9	10	2.6
10	55.37	55.01	26.5	30.1	98	90	WSW 2	WSW 2	7	7	2.5
11	55.55	55.07	25	29.3	98	90	Calm	WSW 2	8	10	33
12	56.45	56.68	24.2	28.8	98	92	SSW 1	S 1	9	10	25.1
13	57.95	57.48	24.9	29.8	98	88	SE 1	SW 1	10	9	12
14	58.06	58.38	24.1	25.8	97	96	SSE 1	S 1	9	10	37.6
15	58.24	57.55	24	29	97	88	SSE 1	SW 1	10	8	48.3
16	57.58	57.23	23.6	27.7	99	90	SSE 2	SW 1	10	10	5.6
17	58.50	57.17	24.2	30.1	98	80	S 1	WSW 2	10	8	.....
18	58.32	57.09	23.7	30.6	98	78	S 1	SSE 2	9	5	.....
19	59.37	58.21	24.2	30	98	85	SE 1	SSW 2	10	5	.....
20	58.35	57.36	24.4	30.2	97	85	SSE 1	W 2	4	4	4.3
21	56.29	55.85	24	30.3	97	90	Calm	W 2	4	7	2
22	56.42	55.66	24.1	30.4	98	88	SSE 1	W 3	4	6	.....
23	56.37	55.85	24.2	29.8	97	87	Calm	NW 2	4	4	.....
24	57.20	56.71	23.2	30.6	97	88	SSE 1	WNW 2	4	6	.....
25	58.53	58.32	24.7	26	97	95	SSE 1	SSW 1	7	10	50
26	59.26	58.47	25	30.2	98	75	S 1	W 2	8	6	55.9
27	59.21	58.08	23.7	31.5	97	72	Calm	N 2	4	4	.....
28	58.34	56.95	24.9	31	98	69	SSE 1	NW 2	6	4	.....
29	56.65	54.63	23.5	30.9	97	69	Calm	NW 2	4	2	3.6
30	54.52	53.72	27	30.5	92	74	NNE 1	NE 3	7	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.59	56.07	24.7	29.5	97.3	85.5	0.9	1.8	7.7	7.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	390

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12) 6 a. m.	Wind, direction and force (0-12) 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	54.72	53.97	27.7	29.5	79	77	NNW 4	WNW 3	7	7	1.3
2	53.94	52.86	27.5	30.4	82	74	NW 4	NNW 4	8	7	15.2
3	52.70	52.35	27.5	30.4	88	76	NW 4	N 3	10	10	3.1
4	54.31	54.61	24.3	26.8	97	93	Calm	SW 2	10	10	3
5	57.14	57.17	24.1	28.8	98	78	SE 1	S 1	10	10	5.1
6	58.80	57.84	24.7	29	97	79	SE 1	W 2	10	8	10.2
7	58.01	57.10	23.7	30	98	84	Calm	N 2	6	7	.....
8	57.78	57.30	25	30.3	94	78	Calm	SW 2	7	6	.....
9	58.26	57.05	23.8	31.8	97	70	SE 1	E 2	2	3	1
10	57.86	57.26	22.8	30.3	97	73	Calm	NW 2	3	7	.....
11	57.80	57.21	24.2	29.9	97	70	SE 1	N 2	3	2	.....
12	57.82	57.63	23.5	30.1	96	69	SE 1	N 2	6	7	.....
13	58.29	56.81	24	29.7	97	72	Calm	NW 2	8	6	.....
14	56.86	55.99	26.3	28.4	80	72	N 2	N 4	7	7	.....
15	54.98	52.35	26.6	26.9	86	87	N 5	NW 5	10	10	4.1
16	47.10	49.33	27.2	31	94	69	NNE 4	SSE 5	10	9	.....
17	52.32	50.45	25	25	83	92	SE 5	E 2	10	10	31.2
18	53.37	53.03	24.5	28.5	97	84	SE 3	SE 3	10	10	.8
19	54.69	54.76	25	28.1	94	91	SSE 2	SE 2	8	9	.....
20	56.29	56.07	25	29.6	96	82	SSE 2	ENE 2	9	8	5.3
21	57.03	55.92	24.9	29.6	98	79	Calm	W 2	8	8	.....
22	53.65	50.82	26.8	28.2	90	88	N 4	N 4	9	9	.....
23	54.44	55.28	25.1	26	96	96	SSE 1	S 2	8	10	36.9
24	58.16	57.31	24	29.9	98	77	S 1	WSW 2	10	7	.5
25	57.06	57.54	25.4	27.5	87	77	NW 2	SW 1	9	10	1.3
26	58.20	58.07	23	32.7	97	70	SSE 2	SE 2	2	3	.....
27	60.45	60.31	23.9	31.2	97	71	Calm	NW 2	3	2	.....
28	60.38	60.01	23.4	30.4	91	72	SSE 2	NW 2	2	2	.....
29	59.89	58.41	23	30	97	71	SE 1	NW 2	3	3	.....
30	58.56	57.66	22.6	30.2	97	67	S 1	N 2	2	2	.....
31	58.85	58.06	23.5	32.4	97	73	Calm	ENE 2	6	5	.....
Mean	56.44	55.82	24.8	29.4	93.3	77.8	1.7	2.4	7	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	119

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.95	58.06	23.5	32.6	97	63	SE 1	NW 2	3	3	.....
2	58.90	58.01	22.3	29.5	96	76	Calm	N 2	4	1	0.3
3	59.34	58.41	23.3	29.9	93	75	SE 1	N 2	4	3	.....
4	58.77	58.19	22.8	29.4	94	79	SE 1	NNE 1	3	4	.....
5	58.85	57.95	22	31.8	98	70	Calm	E 2	3	4	.....
6	59.22	58.03	22.2	31.9	98	67	Calm	NE 1	6	3	.....
7	59.90	58.76	22	30.3	97	82	SE 1	NNW 1	6	5	.....
8	59.73	58.85	23.4	32.2	98	68	SE 1	E 2	5	4	.....
9	60.43	59.29	23.4	30.6	95	78	SSE 1	N 2	5	2	.....
10	60.90	59.90	23	30.1	96	76	SE 1	NNE 2	6	3	.....
11	60.70	59.39	21.6	32.1	95	63	SE 1	E 1	3	2	.....
12	60.36	59.25	21.4	29.8	95	77	SE 1	NW 1	5	2	.....
13	60.65	59.24	20.7	30.9	98	74	SE 1	NNE 2	4	2	.....
14	60.53	59.39	22.3	31	98	71	SE 1	N 2	7	7	.....
15	60.66	59.30	22.2	30.6	96	72	S 1	NNW 2	5	3	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	59.82	59.31	20.5	29.6	93	77	SE 1	N 2	2	1	.....
18	59.84	58.68	20.3	30.3	93	75	Calm	NE 2	2	2	.....
19	59.99	59.08	21.1	29	95	78	SE 1	NE 3	2	2	.....
20	60.09	59.44	21.8	29.9	96	75	Calm	NNW 2	5	3	.....
21	59.35	58.39	23	31.8	96	67	SE 1	N 2	4	3	.....
22	59.94	58.52	24.4	29.5	97	83	Calm	N 2	4	6	.....
23	59.33	58.26	22.5	29.8	96	76	SE 1	NW 2	5	5	.....
24	59.37	58.22	23.3	30.5	95	75	W 1	NW 2	6	5	.....
25	59.01	58.16	23.2	30.8	97	73	SSE 1	N 2	4	5	.....
26	59.12	58.25	23.7	30.4	96	77	SE 1	N 2	4	3	.....
27	59.83	58.42	24.8	29.6	96	79	SE 1	NW 2	7	5	.....
28	59.51	58.86	26	28.4	88	80	NE 1	N 2	5	7	.....
29	59.63	59	23	31.4	94	70	SE 2	N 2	3	1	.....
30	59.95	59.25	23.4	30.4	91	80	SE 2	W 2	1	3	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.75	58.75	22.7	30.5	95.4	74.3	0.9	1.9	4.2	3.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.3

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.79	58.97	22.8	29.7	91	81	SE 2	NW 2	3	4	.....
2	59.69	59.23	23	29.8	93	78	SE 2	NW 3	2	3	.....
3	59.78	58.87	22.7	29.8	94	73	SE 1	NW 2	7	5	.....
4	59.11	58.76	23.2	30.1	90	71	SE 3	E 2	7	9	.....
5	59.60	58.26	21.9	31	90	49	SE 1	NE 2	6	2	.....
6	60.63	60.16	24	30	87	64	SE 3	E 2	7	5	.....
7	61.11	60.22	22	31.4	74	46	SE 3	E 2	7	2	.....
8	60.19	60.51	21.2	31	87	50	SE 3	E 2	1	1	.....
9	60.64	59.12	21.7	28.8	87	61	SE 2	NE 2	5	2	.....
10	60.35	58.87	21.4	30	93	61	SE 1	NE 3	2	5	.....
11	59.60	58.53	20.5	29.4	91	66	SE 1	NE 3	5	7	.....
12	59.21	58.56	21.3	29.6	91	67	SE 1	NE 2	3	6	.....
13	58.81	58.34	20	29	92	60	SE 1	NE 2	4	7	.....
14	59.43	58.52	20	28.8	94	71	SE 1	NNE 3	3	7	.....
15	59.40	58.96	21.8	30.5	91	64	SE 1	NNE 2	2	4	.....
16	59.45	59.51	23.7	30.4	90	64	SE 2	E 2	4	7	.....
17	60.35	58.86	23.2	30.2	90	65	SE 2	NNE 2	4	3	.....
18	60.48	58.99	21	32.7	93	45	SE 1	SE 3	3	6	.....
19	60.94	60.20	21.3	29.5	88	60	SE 1	NNE 3	5	5	.....
20	60.98	59.62	21.2	30.2	87	48	SE 2	NNE 2	2	8	.....
21	60.35	58.86	21.5	29.6	92	59	SE 1	NNE 2	6	6	.....
22	59.67	58.57	21.2	29.5	86	58	SE 2	NNE 2	6	7	.....
23	58.94	58.62	25.7?	28.8	78?	70	NNE 3	NNE 3	7	7	.....
24	58.81	57.78	20.2	29.2	92	60	SE 2	NW 2	3	3	.....
25	57.91	56.26	19.5	28.8	93	72	SE 1	NNE 3	8	8	.....
26	55.45	55.31	23.2	30.7	93	63	Calm	SE 2	8	8	.....
27	57.11	57.51	25	28.8	85	73	SE 3	NNE 2	8	8	.....
28	59.27	58.87	21.9	28.7	95	74	Calm	N 3	4	7	.....
29	59.93	59.11	24	29.3	93	70	SE 1	N 3	7	3	.....
30	60.13	59.02	25.8	29.7	88	68	SE 1	N 3	9	3	.....
31	60.25	59.35	22.6	30	93	65	SE 1	NNE 3	7	4	.....
Mean	59.59	58.78	22.2	29.8	89.7	63.7	1.6	2.4	5	5.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

SAN FERNANDO, LA UNION.

[ϕ=16° 37′ N; λ=120° 19′ E; barometer above sea, 3 meters; gravity correction not applied, −1.65 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.99	59.66	19.5	27.3	95	68	Calm	Nbyw 1	10	10	.....
2	60.82	60.10	23.5	27.2	82	63	Calm	NNW 4	10	5	.....
3	60.68	59.35	23	28.3	83	58	Calm	WSW 1	10	6	.....
4	60.72	59.58	19.4	27	96	71	Calm	WSW 1	8	9	.....
5	60.27	59.67	20.2	27.5	95	66	Calm	Calm	8	10	.....
6	60.62	59.97	22.3	28	92	60	Calm	SW 1	10	5	.....
7	60.42	59.77	21	28.4	91	60	Calm	WSW 1	10	6	.....
8	61.43	61.06	19.3	26.6	92	62	Calm	W 1	8	4	.....
9	62.12	61.26	16.8	26	92	55	Calm	WNW 2	6	6	.....
10	61.38	60.77	16.4	27	85	57	Calm	W 1	6	5	.....
11	61.35	60.45	17.3	27	97	59	Calm	WNW 1	7	3	.....
12	60.62	59.61	19.8	28.1	92	63	Calm	W 1	5	6	.....
13	60.12	59.68	21.9	27.2	92	68	Calm	Nbyw 4	10	10	.....
14	60.68	59.38	21.5	27.7	80	62	Calm	Nbyw 3	4	4	.....
15	60.88	60.67	19.5	27.3	92	63	Calm	W 1	6	4	.....
16	61.67	59.51	20.4	27.5	91	66	Calm	NW 2	10	5	.....
17	60.67	59.45	20.5	27	84	59	Calm	W 1	10	10	.....
18	59.90	58.94	17.7	27.5	96	62	Calm	WNW 2	4	4	.....
19	59.73	58.74	19.4	27.8	93	58	Calm	NW 3	7	4	.....
20	60.54	59.20	19.5	28.4	95	65	Calm	NNW 3	8	4	.....
21	60.57	59.31	19	26.6	90	62	Calm	W 1	6	3	.....
22	60.90	60.32	16.7	26.9	95	60	Calm	WNW 2	10	6	.....
23	60.80	59.41	18	27	94	48	Calm	WSW 2	10	8	.....
24	60.15	58.31	16.5	27.6	95	53	Calm	NNW 2	10	4	.....
25	59.26	58.20	18	28.2	92	59	Calm	WSW 1	8	6	.....
26	59.69	59.51	18	26.6	92	61	Calm	Calm	10	10	.....
27	59.86	58.89	21.5	26.6	85	62	Calm	Calm	10	8	.....
28	59.76	58.50	21.4	26	84	62	Calm	W 1	10	9	.....
29	58.82	58.03	19.7	27.9	89	61	Calm	W 1	10	6	.....
30	58.96	58.24	21.6	26.3	80	67	Calm	Calm	10	10	.....
31	59.48	59.17	22.8	26.4	88	59	Calm	Calm	10	10	.....
Mean	60.41	59.51	19.7	27.3	90.3	61.3	0	1.4	8.4	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.36	59.63	21	28	95	57	Calm	WSW 1	10	6	.....
2	60.16	59.65	21.2	27.7	85	68	Calm	Calm	10	10	.....
3	59.91	58.46	20.5	28.9	93	62	Calm	W 1	4	6	.....
4	58.69	57.67	20.3	28.5	92	68	Calm	Calm	7	6	.....
5	58.08	57.13	23	29	88	72	Calm	NW 3	10	3	.....
6	58.22	57.61	22.3	27.9	87	61	Calm	NNW 3	10	2	.....
7	58.35	57.58	15.9	28.3	90	53	Calm	W 2	6	4	.....
8	59.22	59.63	17.3	27.4	95	59	Calm	wbys 1	6	7	.....
9	60.83	60.51	18.5	27	91	53	Calm	W 1	8	9	.....
10	61.34	60.16	17.8	27.1	92	59	Calm	W 1	10	7	.....
11	61.26	60.33	20	26.8	91	62	Calm	W 1	8	10	.....
12	59.71	59.06	21.7	28.5	92	62	Calm	W 1	10	9	.....
13	59.42	58.99	22.5	28.2	87	60	Calm	Calm	10	10	.....
14	59.31	58.07	24	28.3	83	67	Calm	W 1	10	9	.....
15	59.30	58.19	21.5	28.5	95	71	Calm	WNW 3	9	9	.....
16	60.17	59.74	22.6	29.4	95	68	Calm	W 2	10	3	.....
17	61.42	61.10	22.5	27.2	80	57	Calm	W 2	10	10	3.3
18	62.06	61.31	20.6	26	94	58	Calm	WSW 1	10	5	.....
19	61.41	60.88	20	25	92	58	Calm	W 1	10	10	.....
20	62.13	61	19.2	26.3	87	54	Calm	W 2	10	9	.....
21	61.90	60.86	18.1	26.8	93	57	Calm	W 1	10	9	.....
22	62.70	61.07	19	28.3	88	54	Calm	W 2	8	3	.....
23	62.12	60.92	17.2	26.7	91	60	Calm	WSW 2	6	2	.....
24	62.93	62.08	17	26.1	90	52	Calm	W 1	3	9	.....
25	62.57	61.16	17.2	28.4	92	61	Calm	WNW 2	6	3	.....
26	61.77	60.45	20.5	28.7	90	58	Calm	W 2	6	2	.....
27	61.73	60.62	19	30.3	93	55	Calm	W 1	3	2	.....
28	61.61	59.89	20.2	29.4	93	66	Calm	NW 1	3	3	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.67	59.78	20	27.8	90.5	60.4	0	1.4	8	6.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.3

MARCH.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.99	60.24	20.5	28.7	95	64	Calm	W 1	4	3	.....
2	61.49	61	20.6	27.8	94	65	Calm	Calm	4	4	.....
3	63.77	62.07	19.5	29	95	62	Calm	W 2	2	2	.....
4	62.88	61.18	21	29.6	87	59	Calm	NW 2	6	3	.....
5	61.89	60.89	21	29.3	89	60	Calm	WbyN 2	7	4	.....
6	61.78	60.59	19.4	30	91	53	Calm	W 1	3	2	.....
7	61.51	59.85	20.2	29	91	63	Calm	W 1	4	3	.....
8	60.68	58.98	19.2	29.3	94	60	Calm	W 1	5	4	.....
9	59.15	57.73	21	29.6	95	58	Calm	W 1	2	4	.....
10	58.45	57.65	22.1	29.8	86	61	Calm	Calm	4	9	.....
11	59.15	58.83	21.3	29.7	89	60	Calm	WNW 2	9	3	.....
12	59.51	58.63	21.2	29.6	91	58	Calm	WNW 3	4	3	.....
13	58.60	57.93	21.3	30	93	56	Calm	WSW 1	5	9	.....
14	59.18	58.27	23	29.6	86	62	Calm	W 2	10	3	2
15	58.97	59.22	22.4	27.9	88	63	Calm	N 4	9	3	.....
16	60.42	60.01	18.5	27.4	95	63	Calm	NNW 3	3	2	.....
17	60.76	60	22.2	29.6	81	61	Calm	W 2	9	3	.....
18	61.69	60.85	20.7	29.7	91	58	Calm	W 1	7	3	.....
19	61.59	60.84	19.6	29.1	94	64	Calm	NW 1	10	3	.....
20	60.28	59.16	19.8	29.2	92	63	Calm	NNW 3	10	4	.....
21	59.59	58.34	21.5	29.6	94	61	Calm	W 2	9	3	.....
22	59.40	58.27	20.2	29.3	94	66	Calm	WbyN 2	5	3	.....
23	59.22	57.01	22.3	32.6	84	46	Calm	WSW 2	4	2	.....
24	57.44	56.87	22.1	30.1	83	62	Calm	W 2	3	2	.....
25	58.16	58.06	21.3	31.2	93	60	Calm	W 3	5	2	.....
26	59.39	58.62	21.4	30	92	71	Calm	NW 3	6	2	.....
27	60.07	59.01	22.1	31.2	95	62	Calm	NW 2	6	7	.....
28	59.56	58.05	22.3	30.7	90	58	Calm	NW 1	3	4	.....
29	59.91	58.49	24.5	30.5	87	62	Calm	WNW 2	9	8	.....
30	59.50	57.82	25.7	31	88	63	Calm	WSW 2	10	6	.....
31	59.71	58.31	21.9	31.3	90	55	Calm	WNW 2	5	4	.....
Mean	60.15	59.12	21.3	29.7	90.5	60.6	0	1.8	5.9	3.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

APRIL.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.65	57.96	24	32	78	50	Calm	WNW 2	3	6	.....
2	59.27	57.87	22.2	30.8	89	60	Calm	WNW 1	10	4	.....
3	58.63	57.37	24.1	31.6	78	60	Calm	SW 2	6	2	.....
4	58.93	57.95	23	31.5	83	59	Calm	W 2	7	5	.....
5	58.99	57.99	21.3	31.6	88	54	Calm	WNW 2	6	4	.....
6	58.37	56.47	23.2	32	80	47	Calm	WNW 2	6	4	.....
7	57.93	55.92	24.5	31.6	84	56	Calm	WNW 2	4	3	.....
8	57.72	57.07	22.5	31.1	87	59	Calm	W 1	7	4	.....
9	58.16	57.24	23.3	31.8	82	58	Calm	W 2	10	8	.....
10	59.07	57.65	23.5	31.6	87	62	Calm	WNW 2	9	5	.....
11	58.48	56.81	25.5	31.4	83	59	Calm	NW 3	10	4	.....
12	56.90	56.02	26	30.6	73	65	SE 2	Wbys 2	8	10	.....
13	55.83	55.06	23.2	30.6	93	62	Calm	W 2	10	10	.....
14	56.71	55.94	23.6	30.4	91	63	Calm	NW 4	9	10	.....
15	57.94	56.61	24.2	30.6	83	60	Calm	WNW 2	10	10	.....
16	58.37	57.44	25.7	30.4	93	63	Calm	W 1	10	10	.....
17	59.07	57.74	25	30	83	64	Calm	WbyN 1	10	9	.....
18	59.90	58.75	25.3	31.6	81	52	Calm	Calm	10	9	.....
19	60.89	59.34	23.7	31.6	87	52	Calm	NW 1	7	8	.....
20	60.69	59.03	24	32	81	49	Calm	W 1	8	8	.....
21	59.99	58.75	24	33.3	83	43	Calm	Wbys 1	6	9	.....
22	58.97	57.82	23.3	32.2	92	48	Calm	NW 1	7	7	1.8
23	58.82	58.50	22.9	31.5	92	63	Calm	W 1	10	6	.....
24	60.15	59.26	23.1	32.1	89	60	Calm	W 1	6	6	.....
25	60.70	59.08	25	32.4	87	58	Calm	Wbys 1	9	6	.....
26	58.91	57.71	23.6	31.8	85	61	Calm	W 2	2	4	.....
27	58.01	56.79	23.8	32.3	85	60	Calm	W 1	7	6	.....
28	58.21	56.34	24.2	32.4	83	55	Calm	WNW 2	6	2	.....
29	58.58	57.89	23.5	32.7	89	57	Calm	W 2	4	3	.....
30	59.07	57.71	25.3	35	83	44	Calm	WNW 2	6	5	.....
Mean	58.76	57.54	23.9	31.7	85.1	56.8	0.1	1.6	7.4	6.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.8

SAN FERNANDO, LA UNION.

[$\phi = 16°\ 37'$ N; $\lambda = 120°\ 19'$ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

MAY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.87	57.44	24.5	33.5	75	48	Calm	WSW 2	4	3	.....
2	57.96	56.59	23.9	32.8	82	52	Calm	WNW 1	3	3	.....
3	58.13	57.18	25	32	83	55	Calm	WNW 2	4	2	.....
4	59.07	57.86	24.6	32.6	82	54	Calm	WbyN 2	4	2	.....
5	59.01	57.61	26	32.3	75	53	Calm	W 1	5	10	.....
6	58.06	56.90	23.6	33.6	81	48	Calm	WbyS 1	4	3	.....
7	58.05	56.34	25.9	32.5	78	56	Calm	W 1	5	2	.....
8	56.55	55	25.5	33	80	55	Calm	NW 1	4	3	.....
9	56.10	55.25	26.3	32.8	79	60	Calm	W 3	9	5	.....
10	57.12	56.45	25	32.5	80	62	Calm	WNW 3	10	8	.....
11	58.48	57.41	25	33.4	88	58	Calm	W 1	8	5	.....
12	58.12	57.64	25.8	33.9	79	53	Calm	WNW 1	5	6	.....
13	58.05	57.40	25.3	33.3	83	63	Calm	NNW 2	6	3	.....
14	58.94	58.09	26	33	78	51	Calm	NW 1	6	8	64.8
15	59.39	57.78	24.6	32.5	95	60	Calm	NW 1	5	4	9.6
16	58.48	56.40	25	31.4	92	66	Calm	W 1	8	5	.....
17	56.81	56.33	25.2	32.5	90	52	Calm	W 1	10	4	.....
18	57.02	56.63	25.6	32.5	85	66	Calm	NW 1	6	2	.....
19	57.95	56.36	25.7	34.6	93	51	Calm	W 2	3	3	.....
20	57.97	56.81	25.9	33.5	83	57	Calm	NW 1	5	3	.....
21	56.99	56.13	26.7	34.3	79	50	Calm	WSW 2	5	4	12.4
22	57.59	57	23.7	31.7	97	63	Calm	W 2	5	4	.....
23	57.97	56.73	25.6	31.7	91	64	Calm	WSW 2	5	2	.5
24	57.01	56.21	25	32.4	95	63	Calm	WbyN 2	8	3	.....
25	56.89	55.69	24.5	32.6	92	62	Calm	WSW 1	3	4	.....
26	57.23	56.73	23.8	33	95	52	Calm	W 2	3	4	.....
27	57.98	56.70	25	33.4	90	54	Calm	SW 1	6	5	9.1
28	58.23	56.85	25.6	32.4	87	63	Calm	W 1	8	8	.....
29	57.31	56.51	26	32.6	92	63	Calm	Calm	7	8	25.4
30	58.70	57.83	25	31.6	95	68	Calm	WNW 2	8	4	.....
31	58.33	57.93	26	30	85	75	Calm	WSW 2	4	10	.....
Mean	57.88	56.83	25.2	32.7	85.8	58	0	1.5	5.7	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	121.8

JUNE.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.44	58.11	24.4	32	88	63	Calm	Calm	5	5	.....
2	59.01	57.45	25.6	31.7	92	65	Calm	SW 2	4	8	2.4
3	58.06	56.84	23.8	32	95	58	Calm	NW 2	3	3	.....
4	57.68	55.78	25.5	34.3	83	57	Calm	SW 1	8	5	51.3
5	57.18	55.49	24.2	31.4	95	67	Calm	W 1	10	4	.8
6	55.52	53.95	24	31	96	68	Calm	W 1	4	9	3
7	55.82	54.21	24.3	33	94	63	Calm	SSW 4	8	5	.3
8	57.41	56.26	24.1	33.2	96	58	Calm	SSW 3	4	6	.....
9	58.18	56.91	24.2	33.3	86	57	Calm	SSW 3	7	5	.....
10	57.98	56.79	25.4	31.2	85	71	Calm	SW 1	9	10	.5
11	56.38	55.15	25.5	31.4	88	63	Calm	SW 3	10	10	43.2
12	56.31	55.41	24.5	32.3	87	64	Calm	SW 2	9	5	3.8
13	57.38	56.49	26.4	33	73	65	Calm	SW 3	8	4	11.7
14	58.63	56.80	25	32.6	88	66	Calm	WSW 3	9	4	.....
15	58.43	57.34	24.4	32.3	93	62	Calm	W 1	4	3	6.7
16	59.07	57.63	23.6	30.8	96	70	Calm	NW 1	6	6	7.8
17	59.04	57.04	24.8	29.5	95	75	Calm	WNW 2	10	10	12.3
18	58.03	57.76	22.9	31.3	96	64	Calm	WNW 1	6	9	.5
19	59.32	58.44	23.8	31.8	95	64	Calm	Calm	9	4	.....
20	58.87	58.10	24	32	95	66	Calm	W 1	3	6	.....
21	58.50	57.84	25.7	32.7	88	54	Calm	Calm	6	6	.....
22	57.54	56.64	24.8	30.4	92	66	Calm	Calm	10	6	.....
23	57.16	56.60	24	31.3	91	66	Calm	Calm	9	10	1.8
24	57.16	56.11	25	30.6	88	71	Calm	NW 1	10	10	.8
25	56.44	55.15	23.5	31.9	94	62	Calm	WSW 1	6	4	1
26	54.79	54.51	24.1	32.1	96	66	Calm	Calm	5	6	.....
27	53.31	52.50	25.8	30.1	90	72	Calm	Calm	10	10	22.9
28	48.39	46.28	25.2	30	95	75	Calm	N 3	10	10	29.3
29	43.33	44.13	27.2	25.8	90	93	NNW 2	W 10	10	10	112.3
30	50.14	51.84	25.2	31	80	65	SE 4	S 3	10	10	32
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.48	55.44	24.7	31.5	90.7	65.9	0.2	1.8	7.4	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	344.4

JULY.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	54.86	55.60	25.8	31.3	87	68	SbyE 2	S 4	10	10	.....
2	57.59	56.77	24.8	32.1	83	60	Calm	WSW 2	10	8	17.8
3	57.92	56.84	24.6	31.4	97	66	Calm	WNW 1	8	2	4.1
4	56.36	55.57	23.8	31.5	97	69	Calm	WSW 1	2	8	1.4
5	54.14	53.63	24.7	30	96	74	Calm	Calm	10	10	4.6
6	53.79	52.95	24.9	29.4	96	76	Calm	Calm	10	10	4.3
7	53.69	52.76	25.2	32	90	69	Calm	S 3	4	6	1.5
8	55.94	55.66	25.2	28.5	85	81	Calm	SW 4	10	10	1.8
9	55.39	54.04	25	28	88	85	Calm	S 2	10	10	33.3
10	53.94	53.20	24	24.8	96	93	Calm	S 1	10	10	127.9
11	53.28	53.21	25.4	28.2	93	87	Calm	SSW 2	10	10	49.8
12	54.22	54.72	25.2	29.8	97	84	Calm	S 2	10	10	23.7
13	55.48	55.23	25.5	28.3	93	86	S 2	SSW 3	10	10	13.5
14	55.55	55.57	27	25.5	92	96	Calm	Calm	10	10	17.1
15	55.18	54.52	26.6	29.4	95	79	S 1	SW 2	10	10	13.3
16	55.60	55.80	25.6	28.7	91	81	Calm	SW 2	10	10	17.3
17	56.39	56.27	25	27.2	92	89	Calm	Calm	10	10	38
18	56.84	56.27	26	27.8	85	83	Calm	Calm	10	10	5.1
19	56.68	56.54	26.3	29.8	83	81	S 1	SW 1	10	9	14.6
20	56.42	55.96	26	29	84	85	S 1	Calm	10	10	99.4
21	56.71	56.13	24.4	25	97	92	Calm	Calm	10	10	138
22	54.26	54.44	25.4	25.4	95	95	S 1	S 1	10	10	152.1
23	55.12	55.18	25.5	28.5	88	85	Calm	SSW 1	9	10	2.6
24	54.76	54.82	25.4	30.6	88	78	Calm	WSW 2	10	10	30.4
25	54.48	54.30	26.4	28.4	97	79	Calm	SSW 1	10	10	24.6
26	55.29	54.88	24.4	27.7	93	87	Calm	Calm	10	10	61
27	55.73	54.13	23.6	29.7	97	76	Calm	Calm	10	10	31.3
28	53.75	53.43	23.9	26	92	92	Calm	S 1	10	10	14.8
29	54.52	55.53	24.5	25	86	83	Calm	SbyE 2	10	10	16
30	55.79	55.78	27.2?	32	65?	63	Calm	S 2	10	10	.....
31	57.81	57.44	26	30.6	81	71	Calm	SSW 2	10	10	2.3
Mean	55.40	55.07	25.3	28.8	90.3	80.4	0.3	1.4	9.5	9.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	961.6

AUGUST.

Day	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.01	58.47	24.5	30.8	97	72	Calm	S 1	10	9	0.5
2	58.04	57.68	24	29.4	91	78	Calm	S 1	10	10	.....
3	57.61	57.17	25.4	30.5	77	68	Calm	S 1	10	10	.....
4	58.51	57.85	25	32	90	58	Calm	S 2	10	7	.....
5	58.27	57.80	25.2	32	90	63	Calm	SW 1	10	6	.....
6	58.27	57.62	23.4	31.8	92	60	Calm	SW 1	7	4	.....
7	57.71	57.82	24.3	29	89	75	Calm	WSW 1	10	10	.....
8	58.14	57.30	25.4	32	87	66	Calm	W 1	5	7	4.1
9	58.03	57.14	24.8	31	97	72	Calm	WSW 1	10	10	12.2
10	57.18	55.66	24.3	31.3	92	71	Calm	WSW 1	10	9	1
11	56.21	54.77	23.7	29.5	96	72	Calm	WSW 1	10	10	91.7
12	53.88	52.95	24	25.7	91	91	Calm	Calm	10	10	145.1
13	53.66	53.03	22.4	27.1	96	72	Calm	SSE 5	10	10	67.1
14	54.68	54.67	25.8?	31	78?	62	S 3	S 3	10	10	.....
15	57.22	57.07	25.2	31.4	79	71	S 1	SW 2	10	6	.....
16	58.93	58.12	24	30.9	97	62	Calm	NW 1	4	6	5.8
17	59.01	57.16	24.3	30	94	75	Calm	SW 1	10	10	1.5
18	57.14	55.46	24.5	30.3	96	74	Calm	WNW 2	10	8	56.4
19	56.66	56.14	24	25.5	91	94	Calm	Calm	10	10	27.4
20	56.84	56.12	23.8	30.6	93	68	Calm	SW 1	10	8	18
21	57.60	56.65	23.4	30.6	95	68	Calm	W 1	10	5	17.9
22	57.66	56.52	24.3	30	96	74	Calm	NW 1	10	6	5.1
23	57.14	56.18	24.5	28.5	94	81	Calm	Calm	10	10	.....
24	55.26	53.78	24.3	30.8	96	69	Calm	WSW 1	10	6	.....
25	54.37	54.56	24.7	31.3	90	64	Calm	SW 1	10	10	2.5
26	56.81	55.99	25.2	30.7	88	71	Calm	Calm	10	10	14.2
27	56.72	56.50	23.5	26.7	96	90	Calm	Calm	10	10	13.9
28	56.05	55	23	30	97	74	Calm	SW 1	10	10	64.5
29	56.22	55.89	23.4	31.1	97	64	Calm	S 2	8	10	.....
30	56.72	57	23.8	29	91	74	Calm	swbyS 2	6	10	.....
31	56.69	56.28	25	29	88	72	S 2	SSW 2	10	10	2.8
Mean	56.98	56.27	24.3	30	91.6	71.8	0.2	1.2	9.4	8.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	551.8

SAN FERNANDO, LA UNION.

[$l\phi = 16°\ 37'$ N; $\lambda = 120°\ 19'$ E; barometer above sea, 3 meters; gravity correction not applied, —1.65 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	56.87	56.67	24.1	30	91	75	Calm	SW 2	10	10	0.3
2	57.72	56.76	24.3	30.7	89	70	Calm	SW 2	9	8	11.2
3	56.32	56	24.3	29.5	96	77	Calm	SW 2	10	10	.5
4	55.06	53.38	24.4	29.4	95	76	Calm	SW 1	10	10	8.4
5	52.51	51.16	24	27.4	97	91	Calm	Calm	10	10	21.8
6	53.40	54.05	25.5	29.5	96	81	Calm	NW 2	10	10	4.1
7	55.19	54.85	25	29.8	92	73	Calm	Calm	10	10	3
8	54.77	55.14	23.7	25.7	97	91	Calm	Calm	10	10	42.6
9	56.01	55.42	24.9	29.3	96	77	Calm	Calm	10	10	11.7
10	56.16	55.61	24.5	29.5	96	75	Calm	Calm	10	10	6.4
11	56.37	56.10	24.4	28.6	88	80	Calm	Calm	10	10	64.6
12	57.12	57.86	24.4	26	95	89	Calm	Calm	10	10	7.9
13	58.61	58.17	25.2	30	92	73	Calm	SW 1	10	8	28.3
14	58.98	58.93	25	24.5	96	92	Calm	Calm	10	10	23.6
15	58.98	58.01	22.9	30.2	97	73	Calm	SW 1	10	4	26.2
16	58.19	57.88	24.2	27.3	91	94	Calm	W 1	10	10	74.4
17	59.36	57.68	23.4	30.8	97	70	Calm	SW 1	10	10	24.9
18	59.23	57.71	23.5	30.5	96	70	Calm	SW 1	10	3	3.3
19	60.37	59.15	24.5	30.3	92	74	Calm	W 1	10	10	.8
20	58.86	57.82	24	30	96	72	Calm	NW 1	4	3	.....
21	56.97	56.29	23.3	30.2	96	73	Calm	WSW 1	4	4	7.1
22	56.90	56.41	23.4	30.2	97	74	Calm	WSW 1	5	3	.....
23	56.88	56.22	22.9	30.9	97	65	Calm	W 1	6	3	4.8
24	57.87	57.16	23.5	31	97	67	Calm	WNW 1	6	3	7
25	59.36	58.36	23.7	31.4	97	68	Calm	Calm	5	8	1.5
26	60.10	58.94	24	31.5	95	69	Calm	Calm	10	3	40.4
27	59.70	58.94	23.8	31.6	93	70	Calm	NW 1	5	3	.....
28	59.12	57.54	23	31	95	69	Calm	NW 1	4	2	.....
29	57.29	54.86	23.3	30.7	97	70	Calm	W 1	10	3	3.8
30	55.19	54.26	24.1	30.8	96	69	Calm	NW 1	10	9	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.32	56.58	24	29.6	94.8	75.6	0	0.8	8.6	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	428.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.11	54.32	25.5	30.6	88	71	N 2	NNW 3	9	10	3
2	54.13	53.30	25.8	27.5	85	84	NNE 3	NE 3	10	10	11.4
3	53.32	52.76	24.7	26.1	92	91	NNE 3	ENE 2	10	10	20.8
4	55.11	55.18	24.5	26.8	96	87	S 1	Calm	10	10	26.4
5	58.14	57.93	24.1	27.7	94	81	Calm	Calm	10	10	1.5
6	59.48	58.67	23.6	28.8	97	76	Calm	Calm	10	10	.....
7	58.54	57.54	23.5	30.1	96	72	Calm	NNW 2	9	6	.....
8	58.55	58.02	23	30.9	97	70	Calm	NW 1	8	6	.....
9	59.15	58	23	30.7	97	70	Calm	WNW 1	5	2	.....
10	58.48	57.61	22.6	30	97	69	Calm	NW 1	4	6	.....
11	58.63	57.67	22.4	29.7	96	64	Calm	NW 1	4	3	.....
12	58.63	58.44	22.7	30.7	96	63	Calm	NW 1	8	6	.....
13	59	57.42	23	29.6	96	71	Calm	NW 1	8	10	.....
14	57.39	56.13	21.8	29.3	96	68	Calm	NNW 3	9	10	.....
15	57.27	51.78	24.2	26.5	82	88	NNW 1	NwbyN 5	10	10	6.9
16	52.48	50.70	24.7	31.1	94	68	Calm	NW 2	10	10	.....
17	53.64	52.17	24.4	24.5	75?	89	Calm	Calm	10	10	12.7
18	53.94	53.48	24.5	28.3	94	70	Calm	SSE 3	10	10	3.1
19	55.53	55.30	24.2	29	97	83	Calm	Calm	10	10	.5
20	57.34	56.87	23.7	29.6	96	74	Calm	Calm	10	10	.....
21	57.56	56.24	24.9	29.6	96	77	Calm	NNW 2	10	8	3
22	53.84	50.87	23.8	29.6	97	77	Calm	NNW 2	9	10	2
23	55.17	55.48	25	27.4	90	80	SE 2	SSW 3	10	10	7.1
24	58.31	57.87	25.8	30.4	76	66	Calm	sbyw 2	10	7	26.1
25	58.82	57.97	23.5	27.6	96	79	Calm	WNW 1	10	10	.3
26	59.12	58.98	23.2	29.5	91	75	SSE 2	Calm	10	10	.3
27	61.52	60.91	22.4	30.3	96	67	Calm	W 1	7	2	.....
28	61.27	60.55	22.6	30.1	97	73	Calm	WNW 1	4	8	.....
29	60.57	58.95	22.5	29.8	96	70	Calm	W 1	6	2	.....
30	59.41	58.43	22.2	29.7	96	69	Calm	W 1	4	3	.....
31	59.51	59.06	22.6	30.2	97	68	Calm	W 1	8	6	1.3
Mean	57.16	56.34	23.7	29.1	93.2	74.5	0.5	1.4	8.5	7.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	126.9

NOVEMBER.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.43	58.71	21.6	30.8	96	63	Calm	W 1	6	2	.....
2	59.48	58.22	21.6	30	96	70	Calm	WNW 1	5	2	.....
3	60.21	58.46	22.3	29.9	96	69	Calm	W 1	6	3	.....
4	59.46	58.70	21.7	29.4	96	67	Calm	W 1	7	8	.....
5	59.72	58.84	20.3	30.4	97	61	Calm	NW 1	4	2	.....
6	60.11	58.86	21.3	30.4	97	69	Calm	NW 1	8	2	.....
7	60.63	59.42	22.8	30	97	70	Calm	WNW 1	5	4	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	61.02	59.64	18.4	29.1	96	69	Calm	N 3	3	3	.....
18	60.52	59.14	19.6	29	96	68	Calm	NNW 1	4	4	.....
19	60.56	59.29	20.3	29	95	64	Calm	NW 1	5	3	.....
20	61.13	59.99	20.8	29.1	94	65	Calm	W 1	5	3	.....
21	60.27	59.01	20.4	29.4	96	67	Calm	NNW 1	6	2	.....
22	60.59	59.04	20.8	29.5	96	63	Calm	NNW 3	5	2	.....
23	60.23	58.76	21.1	29.7	95	65	Calm	W 1	6	3	.....
24	60.32	58.48	21.6	30	95	69	Calm	W 1	6	2	.....
25	59.68	58.61	21.3	29.5	95	68	Calm	NW 1	6	3	.....
26	59.66	58.78	22.2	30	95	65	Calm	WNW 1	7	2	.....
27	60.68	59.12	21	29.4	95	71	Calm	NW 2	5	2	.....
28	60.32	59.16	22.3	30	94	67	Calm	NW 2	6	3	.....
29	60.56	59.69	22.5	29.8	96	67	Calm	WNW 1	7	3	.....
30	60.77	59.67	22.4	29.8	95	67	Calm	NW 1	4	3	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.30	59.03	21.3	29.7	95.6	66.9	0	1.3	5.5	2.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.85	59.29	23	28.8	96	68	Calm	NW 2	10	3	.....
2	60.90	59.54	22	29.8	96	69	Calm	NNW 2	8	2	.....
3	60.58	59.07	21	30.1	96	64	Calm	WSW 1	6	4	.....
4	60.21	59.34	21.3	28.2	95	69	Calm	WNW 1	9	9	.....
5	60.14	59.52	20.7	30	95	57	Calm	WNW 1	6	4	.....
6	61.88	60.46	20.6	29.4	96	70	Calm	NW 1	9	3	.....
7	62.31	60.90	19.8	29.5	94	55	Calm	W 1	8	3	.....
8	61.58	61.09	18.4	28.4	96	62	Calm	N 1	6	6	.....
9	61.68	59.52	18.7	28.6	95	63	Calm	WNW 1	5	4	.....
10	61.16	59.40	19.6	29.8	94	60	Calm	NW 1	7	5	.....
11	60.51	59.03	20	29.5	95	61	Calm	NW 2	6	4	.....
12	60.56	59.07	19	29.5	95	66	Calm	WNW 2	7	3	.....
13	59.76	58.91	19.3	28	95	70	Calm	WSW 1	7	7	.....
14	60.18	58.91	18.9	28.7	96	63	Calm	NNW 1	5	5	.....
15	60.28	59.47	19.9	29	96	69	Calm	WSW 1	7	5	.....
16	60.18	60.02	21	29.4	96	68	Calm	NW 1	5	8	.....
17	61.33	60.01	21.2	29	96	72	Calm	WNW 1	9	5	.....
18	61.24	59.74	20	30	95	57	Calm	WNW 1	8	7	.....
19	62.16	60.91	19.5	28.5	95	60	Calm	WNW 1	8	3	.....
20	61.82	60.35	18.7	29	95	59	Calm	W 1	5	6	.....
21	61.15	59.59	20.3	28.5	95	70	Calm	WNW 1	7	8	.....
22	60.66	59.29	20.1	29	95	65	Calm	WNW 1	9	9	.....
23	59.63	58.94	20	28.4	96	61	Calm	NW 2	5	4	.....
24	59.65	58.40	18.5	28.5	95	60	Calm	NW 1	5	5	.....
25	58.89	57.28	18.9	28.3	93	63	Calm	WNW 1	10	10	.....
26	56.20	56.02	21.8	29	95	69	Calm	Calm	10	10	.....
27	57.84	58.09	21.2	29.6	95	71	Calm	NW 2	9	9	.....
28	60.11	59.03	21	29.8	95	66	Calm	NW 2	8	5	.....
29	60.65	59.49	21.8	29.3	95	68	Calm	WNW 1	5	4	.....
30	60.88	59.92	23.9	29.2	84	68	Calm	WNW 2	7	4	.....
31	61.12	60.15	22.1	28.8	96	69	Calm	NW 1	10	8	.....
Mean	60.51	59.38	20.4	29.1	94.9	64.9	0	1.2	7.3	5.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

[a] Temporarily closed from November 8 to 16.

ECHAGÜE.

[$\phi = 16°\ 42'$ N; $\lambda = 121°\ 39'$ E; barometer above sea, 56.1 meters; gravity correction not applied, —1.64 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.61	59.57	18.6	23.6	95	78	Calm	Calm	10	10	0.3
2	61.44	60.64	20.5	24.5	95	73	Calm	NE 1	10	9	2
3	62.48	61.28	19	24.1	95	74	Calm	NEbyN 1	10	8	.....
4	62.74	60.68	18.6	24.4	96	76	Calm	Calm	10	9	.....
5	62.55	60.98	18.9	23	96	84	Calm	Calm	9	10	3.8
6	62.68	61.70	18.6	23.3	97	74	Calm	ENE 1	10	8	1.6
7	62.23	62.38	19	20	96	91	Calm	N 1	10	10	1.6
8	65.42	64.42	16.6	19	96	80	N 1	N 1	10	10	.....
9	65.38	63.75	15.9	20.5	90	71	Calm	Calm	10	10	1.5
10	64.08	62.49	16.1	22	97	74	Calm	Calm	10	4	.....
11	63.40	61.43	17.5	25	95	64	Calm	E 1	9	9	.....
12	62.05	60.43	20.4	24.6	95	75	Calm	Calm	10	9	.....
13	61.04	59.93	20.7	25.5	91	71	Calm	Calm	9	9	5.8
14	62.51	61.37	19.5	22.8	84	71	NNE 1	N 1	9	10	.....
15	63.75	62.39	18	23	93	70	Calm	Calm	10	9	.....
16	63.78	60.88	19.2	23.9	93	66	Calm	Calm	10	9	.....
17	62.51	60.33	18.1	24.7	96	64	Calm	Calm	10	9	.....
18	61.18	59.53	16	25	95	61	Calm	Calm	2	9	.....
19	60.64	59.36	18.6	25.4	97	66	Calm	Calm	2	9	2.8
20	61.90	61.37	19.3	21.5	98	88	NE 1	ENE 1	9	10	2.3
21	63.37	61.12	17.2	21.9	96	76	Calm	NE 1	10	9	.....
22	62.62	61.03	17.3	24.7	94	60	Calm	Calm	9	5	.....
23	62.62	60.79	17.7	22.5	93	66	Calm	Calm	10	10	2.3
24	61.74	59.39	18.2	23.5	97	71	Calm	NE 1	10	7	1.8
25	61.60	60.64	18.6	21.9	95	74	Calm	NE 1	9	9	.....
26	62.19	61.49	17.7	22.4	95	72	Calm	N 1	10	10	.8
27	62.31	59.66	17	23.5	98	67	Calm	Calm	10	9	.3
28	61.07	59.14	17.8	23.6	95	67	Calm	Calm	10	9	.....
29	60.43	59.27	18.6	23	95	74	Calm	Calm	9	9	.....
30	60.35	59.10	18.8	22.1	95	87	Calm	Calm	10	10	3.6
31	61.62	60.84	18.4	21.5	97	87	Calm	NE 1	10	10	.3
Mean	62.36	60.88	18.3	23.1	94.8	73.3	0.1	0.4	9.2	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30.8

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	63.12	61.92	18	22	96	79	Calm	Calm	10	10	1
2	61.68	60.71	19	25.9	95	64	Calm	Calm	10	9	.....
3	60.84	58.41	19.7	29.2	95	57	Calm	Calm	9	6	.....
4	58.75	56.23	22	31.4	88	55	Calm	SE 1	8	3	.....
5	57.63	55.80	22.5	30	91	61	Calm	Calm	10	4	.....
6	58.04	56.10	21.9	28.4	92	58	Calm	Calm	10	3	.....
7	59.08	58.70	20	23.7	91	70	Calm	E 1	9	7	.....
8	60.60	60.23	18.9	23	96	70	Calm	E 1	9	10	.....
9	63.04	61.59	18.8	24.4	95	68	Calm	Calm	10	9	.....
10	62.84	61.56	19	23.1	95	69	Calm	E 1	10	10	.....
11	62.72	62.03	19	21	93	91	Calm	Calm	10	10	6.1
12	62.29	61.88	19	22.5	97	87	Calm	NE 1	10	10	1.3
13	61.90	59.93	19.5	24.4	95	75	Calm	Calm	10	10	2.5
14	59.99	57.63	20.5	27.5	99	67	Calm	Calm	10	7	.6
15	58.96	57.16	21.5	30	95	65	Calm	Calm	10	6	13.5
16	62.53	61.45	19	23.5	99	83	NE 1	ENE 1	10	9	9.1
17	64.05	62.32	18	23.3	97	69	NNE 1	NEbyN 1	10	10	.8
18	63.97	63.14	17.5	19	96	90	Calm	N 1	10	10	6.6
19	64.21	62.99	15.8	20	92	73	Calm	N 1	10	10	.....
20	63.82	62.28	16.3	21.6	91	66	Calm	Calm	10	9	.....
21	63	61.53	17.5	24.5	95	57	Calm	Calm	9	9	.3
22	63.35	61.88	18.5	23.9	98	68	ENE 1	E 1	10	6	2.8
23	64.01	62.26	18	23.8	93	62	Calm	E 1	10	9	.....
24	64.66	62.50	15	25.7	94	53	Calm	Calm	8	7	.....
25	63.79	61.84	19.5	26.5	90	63	Calm	Calm	10	9	.....
26	62.19	60.32	20	29.5	95	55	Calm	Calm	10	8	.....
27	62.23	60.53	19	31	97	49	Calm	NE 1	9	1	.....
28	62.03	60.13	21.6	29	90	60	Calm	Calm	9	5	.....
Mean	61.98	60.47	19.1	25.3	94.3	67.3	0.1	0.4	9.6	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	44.6

MARCH.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	62.33	61.09	20.5	28.4	92	55	Calm	ENE 1	9	6	.....
2	62.82	62.49	21.6	28	91	54	Calm	ENE 1	9	4	.....
3	65.55	63.98	19.5	25.4	90	67	Calm	NE 1	9	8	.....
4	64.75	61.90	17.7	28.1	95	61	Calm	Calm	2	7	.....
5	62.70	61.86	20	26.3	95	71	Calm	Calm	9	7	0.3
6	62.71	61.30	17.3	30	97	50	Calm	Calm	1	3	.....
7	62.82	60.71	19.1	29	94	52	Calm	ENE 1	9	2	.....
8	61.50	58.66	18	29.9	94	56	Calm	Calm	9	9	.....
9	60.14	58.08	21	28.4	92	68	Calm	NE 1	9	8	3.3
10	59.21	57.78	21.8	29	95	64	Calm	E 1	10	9	3.8
11	60.02	58.66	22	29	96	61	Calm	E 1	9	9	22.9
12	60.64	59.02	20.5	27.3	95	73	Calm	NE 1	10	7	5.1
13	59.89	59.10	21.3	23.5	97	92	Calm	NE 1	10	10	29.5
14	59.85	57.71	20.5	27.8	99	70	Calm	Calm	10	3	5.4
15	58.78	58.06	21	28	94	61	Calm	NE 1	9	8	.....
16	60.72	59.16	19.5	28	97	59	Calm	Calm	9	8	1.8
17	61.89	60.96	19	26.5	92	62	Calm	Calm	10	7	.....
18	62.29	60.04	19.1	30.4	94	54	Calm	Calm	9	3	.....
19	61.34	59.27	20.1	30.8	95	49	Calm	Calm	9	2	.....
20	60.38	57.86	20.6	31.3	94	51	Calm	Calm	9	0	.....
21	59.43	56.93	20.7	31	91	48	Calm	Calm	2	1	.....
22	59.75	58	20.9	30.7	87	56	Calm	E 1	9	1	.....
23	59.28	56.38	20.6	32.8	97	46	Calm	E 1	3	3	.....
24	57.11	54.85	19.7	33	95	50	Calm	SW 1	2	1	.....
25	57.64	55.12	20.5	35.9	91	41	Calm	Calm	0	1	.....
26	59.31	57.54	22.9	33	94	55	Calm	E 1	9	1	86.9
27	60.59	59.22	21.4	30.1	96	62	Calm	Calm	8	8	.....
28	60.56	58.74	22.5	29.9	96	60	Calm	S 1	9	7	1.3
29	60.03	58.12	20.2	31.4	96	54	Calm	Calm	9	1	.....
30	59.61	57.98	21.5	30.6	91	55	Calm	E 1	9	4	.....
31	60.87	59.02	21.2	28.6	95	60	Calm	E 1	1	9	.....
Mean	60.79	59.02	20.4	29.4	94.1	58.6	0	0.5	7.5	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160.3

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.57	57.96	22.5	30.9	95	51	Calm	Calm	9	1	.....
2	60.11	57.92	21.5	31.4	92	55	Calm	Calm	1	9	0.5
3	60.52	58.01	22	28.3	95	65	ENE 1	E 1	10	7	.8
4	60.07	57.92	21.5	31.5	95	49	Calm	Calm	8	4	.....
5	59.52	57.45	22.5	32.4	94	48	Calm	Calm	6	4	.....
6	58.80	55.70	20	32	95	46	Calm	Calm	1	0	.....
7	58	54.55	21.4	33.7	92	47	Calm	Calm	2	1	.....
8	57.91	56.10	22.7	33	87	52	Calm	Calm	8	2	.....
9	58.13	55.92	22	34	92	48	Calm	Calm	9	1	.....
10	58.41	56.29	23	35	84	40	Calm	E 1	4	1	.....
11	58.90	56.70	23.1	31.9	92	50	Calm	Calm	9	6	.....
12	58.13	55.50	21.9	32.1	93	46	Calm	NNE 1	8	8	.....
13	56.69	54.43	20.9	32.6	94	48	Calm	NW 1	7	8	.....
14	57.37	55.43	23.5	30.5	89	60	Calm	Calm	9	8	.....
15	58.13	56.40	22.4	30	94	59	Calm	Calm	9	8	.....
16	59.06	57.59	22.5	29.5	87	61	Calm	Calm	10	7	.....
17	59.75	58.07	22.4	32.7	90	46	Calm	Calm	10	2	.....
18	60.21	58.49	23	32.3	89	51	Calm	Calm	10	1	.....
19	60.90	59	21.5	33.6	95	46	Calm	E 1	10	2	.....
20	61.30	58.09	22.7	33.5	95	45	SW 1	SSW 1	9	0	.....
21	60.60	58.19	20.7	33.6	96	41	Calm	Calm	8	1	.....
22	59.08	57.88	20.7	29.4	94	65	Calm	SE 1	2	9	.....
23	59.10	57.53	22.8	35.2	97	46	Calm	E 1	9	4	.....
24	60.75	59.71	21	33.5	95	48	Calm	Calm	6	8	.....
25	61.11	59.72	23.4	28.7	93	76?	Calm	SE 1	9	9	1.8
26	58.91	56.38	23.1	33.5	95	56	Calm	Calm	9	9	6.6
27	57.99	55.78	22	31.3	96	61	Calm	Calm	6	9	.5
28	58.14	55.85	21	33.5	96	51	Calm	Calm	3	4	.....
29	58.48	57.09	22	33.8	94	41	Calm	Calm	7	1	.....
30	59.61	57.23	19.3	34.9	91	42	S 1	Calm	1	2	.....
Mean	59.21	57.10	22	32.3	92.9	51.3	0.1	0.3	7	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.2

NOTE: The barometric readings of this station seem to be too low by about 1 mm.

[a] The rainfall of the 26th in the "Monthly Bulletin," page 53, should be 86.9 mm. instead of 61.5 mm., and the total rainfall should be 160.3 mm. instead of 134.9 mm.

ECHAGÜE.

[ϕ=16° 42′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.58	56.96	18	35	90	38	Calm	Calm	1	1	.....
2..	58.68	56.35	22.4	34.7	92	40	Calm	Calm	7	4	.....
3..	58.64	56.47	22.4	34.5	93	46	Calm	Calm	3	4	.....
4..	58.92	56.58	21.5	35.4	95	43	Calm	SE 1	3	4	24.6
5..	59.61	57.63	23.3	34.1	95	50	Calm	W 1	9	5	.....
6..	59.18	56.96	21.3	32.9	93	51	Calm	Calm	8	7	.....
7..	58.13	55.08	21	34.6	91	40	Calm	Calm	0	0	.....
8..	56.66	54.29	23.1	35.9	90	46	Calm	S 1	6	6	.....
9..	55.71	53.28	22.9	35.5	93	46	Calm	Calm	1	5	11.9
10..	56.98	55.59	22.6	34.5	97	54	Calm	E 1	7	8	.....
11..	58.31	56.36	23.5	35	96	47	Calm	SW 1	7	7	.....
12..	58.43	56.73	21.5	35.2	89	46	Calm	SSE 1	1	5	.....
13..	59.27	57.20	21.9	35.5	92	44	Calm	E 1	8	7	.....
14..	59.75	57.73	22.5	35.9	96	38	Calm	ESE 1	6	8	.....
15..	59.69	56.53	23	35.2	96	44	Calm	Calm	2	2	.....
16..	58.40	55.31	23.5	36.3	95	40	Calm	Calm	5	2	.....
17..	56.78	54.75	21.8	35.4	88	43	Calm	Calm	1	2	.....
18..	57.15	55.26	23.4	35.9	89	48	SSE 1	E 1	6	6	.....
19..	57.89	55.17	23	36	92	41	Calm	Calm	2	3	.....
20..	57.89	55.64	23.3	36.3	93	38	Calm	Calm	1	3	.....
21..	57.16	54.96	22.2	36.4	91	37	Calm	Calm	2	5	.....
22..	57.30	55.19	22.6	37	86	36	Calm	NNE 1	1	1	.....
23..	57.18	54.25	24.3	36.5	92	41	Calm	SSW 1	7	3	3
24..	56.54	53.76	24.5	35.5	96	49	SW 1	Calm	9	8	3.3
25..	55.94	53.63	25	36.4	95	44	Calm	Calm	8	6	.....
26..	56.37	54.46	23.9	36.5	96	36	Calm	W 1	9	1	.....
27..	56.90	54.14	24.5	37.3	92	40	SSW 1	Calm	4	3	2.8
28..	57.28	54.59	24.4	37.6	92	45	Calm	ESE 1	8	7	.....
29..	57	54.56	23.6	37	96	41	Calm	S 1	8	7	8.9
30..	58.82	55.91	23	36.5	95	48	Calm	Calm	8	5	.5
31..	58.69	55.92	24.2	36	95	33	Calm	SSW 1	3	3	.....
Mean	57.90	55.52	22.8	35.7	92.9	43		0.1		0.5	4.9	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55

JUNE.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.59	57.07	22.5	36.5	82	39	Calm	Calm	1	4	.....
2..	58.99	56.23	23.7	36.3	85	42	Calm	E 1	1	5	.....
3..	58.23	55.31	23.5	35.3	90	43	S 1	N 1	0	5	.....
4..	57.67	54.92	24	35.5	90	44	Calm	Calm	4	6	.....
5..	56.93	53.80	23.9	35.4	86	47	Calm	Calm	7	6	.....
6..	55.47	52.96	22.4	36	93	44	Calm	SE 1	4	7	.....
7..	55.84	54.51	24.2	34.9	92	52	Calm	SSW 1	1	1	.....
8..	57.76	56.10	24	36.2	91	39	Calm	S 1	0	1	.....
9..	58.42	56.83	24.1	31	92	59	Calm	SSE 2	5	8	16
10..	57.78	55.29	23.2	36.4	91	42	Calm	SE 1	9	8	.....
11..	56.14	53.83	24	34.5	91	49	Calm	SE 1	9	9	.....
12..	56.50	54.26	23.1	36.2	92	44	Calm	SbyE 1	8	4	.....
13..	57.58	55.90	24.7	35.8	93	38	Calm	SSE 1	3	3	.....
14..	58.66	56.21	24.5	35.9	92	43	Calm	S 1	7	8	.....
15..	58.71	55.79	24.5	36.5	88	38	S 1	E 1	8	6	4.8
16..	59.37	55.95	23.8	36.4	93	42	Calm	E 1	9	7	.....
17..	59.28	55.60	23.6	35.9	91	46	Calm	SSE 1	8	7	.8
18..	58.61	55.71	22.5	34.7	94	49	Calm	Calm	5	4	6.1
19..	59.23	56.73	22.1	36.4	96	42	Calm	E 1	2	2	.....
20..	59.32	56.63	23	35.6	92	44	Calm	Calm	1	7	.....
21..	58.25	55.64	22.4	35.6	91	42	S 1	Calm	1	5	.....
22..	57.80	54.54	23	37.3	91	39	S 1	SE 1	2	3	.....
23..	58.17	54.71	24	36.5	86	39	Calm	ESE 1	7	2	.....
24..	57.42	54.14	24	36.2	92	41	Calm	SW 1	9	8	.....
25..	56.60	53.20	23.4	37.2	93	33	Calm	NW 1	1	2	.....
26..	54.67	53.49	26	35.2	92	43	Calm	NEbyE 1	2	9	2.5
27..	53.10	51.16	25	28.3	95	86	Calm	Calm	10	9	23.2
28..	47.94	44.43	24.5	29.5	97	75	Calm	NNW 2	8	9	2.6
29..	37.89	38.36	25.6	24.7	87	92	SSW 1	S 3	10	10	7.9
30..	48.66	51.54	25.9?	27.5	69?	78	S 1	S 2	10	10	.....
31..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.35	54.03	23.8	34.6	90.2	48.5		0.2		0.9	5.1	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	63.9

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	55.22	55.18	24.5	32.2	92	63	Calm	S 1	9	6	.....
2..	57.58	55.90	23.5	34	97	56	Calm	Calm	9	2	8.6
3..	57.27	55.44	23.5	33.6	97	56	Calm	E 1	2	5	.....
4..	55.96	54.58	23.4	30.3	92	72	Calm	ESE 1	8	9	3.1
5..	53.88	52.99	23.6	28.3	97	82	Calm	Calm	9	10	10.4
6..	53.05	52.11	25.1	28	98	91	Calm	NE 1	10	10	3.1
7..	54.55	53.30	24.8	29.7	98	78	Calm	SW 1	10	8	1.1
8..	55.31	53.02	24	33.9	96	59	Calm	Calm	1	4	.....
9..	54.25	51.60	23.5	33.7	95	59	Calm	Calm	8	8	.....
10..	51.71	51.02	23.7	30	98	65	Calm	SSW 1	9	9	.3
11..	51.45	50.54	24	33.4	97	61	Calm	Calm	9	9	.....
12..	52.39	52.18	24.6	33.6	92	61	Calm	SE 1	3	5	.....
13..	53.36	51.72	24.5	35.5	92	47	Calm	SW 1	6	6	.....
14..	52.53	52.21	24.9	33.6	90	55	Calm	Calm	9	9	.....
15..	53.01	51.27	23.8	36.4	97	46	Calm	SW 1	9	7	.....
16..	53.43	51.80	25	36.5	92	38	Calm	SW 1	9	4	.....
17..	53.67	52.35	24	36	89	43	Calm	S 1	6	7	.....
18..	54.97	52.54	23.2	37.1	94	41	Calm	Calm	1	4	.....
19..	54.59	52.73	24.4	38.2	91	38	Calm	SW 1	2	5	.....
20..	54.56	54.04	23.8	36.7	93	42	Calm	SW 1	2	6	.....
21..	55.10	54.01	24.9	30.4	92	62	Calm	WSW 1	9	9	1.5
22..	54.90	54.55	23.2	23.5	97	96	Calm	SbyW 1	10	10	14.7
23..	53.90	51.80	21.5	34.3	99	57	Calm	Calm	8	3	1.3
24..	53.58	51.56	22.6	35.5	95	43	Calm	Calm	3	7	.8
25..	53.23	51.25	23.8	35.8	97	43	Calm	SW 1	8	6	49.5
26..	54.51	53 09	23.6	30.5	98	66	Calm	ENE 1	10	9	37.1
27..	54.83	53.06	23.5	29.1	98	77	Calm	E 1	10	8	6.4
28..	52.04	51.36	24.5	29.4	98	71	Calm	SSW 1	10	10	.....
29..	53.10	54.24	24.5	29.2	82	72	S 1	S 1	10	10	1
30..	56.31	55.98	24	32.1	93	58	Calm	S 1	8	9	.....
31..	58.07	57.50	24.3	31.8	91	58	Calm	Calm	10	10	.....
Mean	54.27	53.06	23.9	32.7	94.4	59.9		0		0.7	7.3	7.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	138.9

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.17	57.72	23	28.8	91	73	Calm	Calm	9	9	17.8
2..	58.34	57.39	22	28.2	98	82	Calm	Calm	10	10	5.6
3..	57.83	56.43	23	29.4	98	72	Calm	Calm	10	10	.....
4..	57.82	55.70	22.5	33.4	97	54	Calm	Calm	8	6	.....
5..	57.45	55.57	22.9	33.6	94	58	Calm	Calm	0	1	.....
6..	56.97	54.70	22.5	33.1	94	55	Calm	Calm	5	7	.....
7..	56.40	54.97	22.7	33.9	90	51	Calm	Calm	8	5	.....
8..	57.19	55.42	23.8	33.6	93	55	Calm	Calm	5	7	18.8
9..	57.62	54.79	22.5	33.5	96	58	Calm	Calm	7	7	79.5
10..	56.33	54.89	22.4	30	97	75	Calm	E 1	8	9	.....
11..	55.04	53.37	23.3	25	97	95	Calm	NE 1	10	10	31
12..	51.44	51.42	23.1	24.4	98	97	Calm	Calm	10	10	8.9
13..	52.92	52.47	23.3	29.5	98	68	Calm	S 1	10	9	.5
14..	55.37	55.17	23.5	30.6	97	66	Calm	S 1	9	9	.....
15..	57.74	56.78	23.5	32.4	96	61	Calm	Calm	9	9	.....
16..	58.81	56.76	22.5	33.5	96	56	Calm	Calm	6	7	1.3
17..	58.87	55.98	25	31.6	94	61	Calm	Calm	9	8	82.3
18..	56.40	53.73	24.2	33	98	61	Calm	Calm	9	4	.3
19..	55.27	54.17	23.6	32.4	95	66	Calm	E 1	8	8	7.1
20..	56.50	55.16	23.7	32	96	63	Calm	E 1	7	7	2.5
21..	57.11	55.34	24.4	32	97	66	Calm	Calm	9	9	.5
22..	57.14	55.34	24.5	33	96	61	Calm	Calm	6	8	17.8
23..	56.68	54.58	24.3	31.4	97	66	Calm	E 1	10	3	.....
24..	54.05	50.94	23.9	33.7	96	54	Calm	Calm	3	3	.....
25..	53.39	52.68	22.6	33.3	95	54	Calm	Calm	8	8	6.4
26..	56.19	55.08	24.7	31.5	97	68	Calm	Calm	10	9	.5
27..	56.46	55.30	25.1	30.4	95	73	Calm	Calm	9	9	29.5
28..	56.23	55.39	24.4	25	97	92	Calm	Calm	10	9	.8
29..	56.34	54.58	23.4	32	97	64	Calm	Calm	2	9	.8
30..	57	54.85	23.4	32.6	97	61	Calm	Calm	9	3	45.2
31..	56.74	54.28	22.5	31.3	97	68	Calm	Calm	7	8	8.4
Mean	56.48	54.87	23.4	31.2	95.9	66.3		0		0.2	7.7	7.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	365.5

[a] The rainfall of the 9th in the "Monthly Bulletin," page 111, should be 16 mm. instead of 16.5 mm.

ECHAGÜE.

[ϕ=16° 42′ N; λ=121° 39′ E; barometer above sea, 56.1 meters; gravity correction not applied, −1.64 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	56.93	55.26	24.4	31.5	97	66	Calm	Calm	9	8	3.8
2	57.64	55.26	23.5	31.3	97	66	Calm	Calm	7	6	9.1
3	56.48	53.96	24	32	97	66	Calm	Calm	9	5	92.2
4	54.61	52.38	23.6	29.7	99	73	Calm	E 1	9	9	.....
5	51.99	49.51	23.9	32.4	97	68	Calm	E 1	4	9	9.9
6	52.35	51.51	24.4	33	97	67	Calm	E 1	10	7	17.5
7	53.76	51.73	22.1	33.3	96	64	Calm	Calm	7	3	.8
8	53.12	51.32	23.5	33.5	96	60	Calm	Calm	3	4	.....
9	53.10	51.76	23.4	33.2	92	60	Calm	Calm	6	7	.....
10	53.88	52.82	24.4	33.6	97	60	Calm	ESE 1	10	8	.....
11	54.39	53.70	23.8	33.4	93	59	Calm	Calm	10	9	.....
12	55.89	54.73	24.4	33.2	93	60	Calm	Calm	10	4	11.7
13	57.77	56.10	24.5	32.5	96	66	Calm	Calm	8	7	23.9
14	57.77	55.56	24.2	32	94	66	Calm	Calm	9	9	11.7
15	58.57	56.79	23.3	31	96	65	Calm	NE 1	9	3	101.6
16	58.27	55.75	23.5	31.8	97	65	Calm	EbyN 1	10	3	12.7
17	58.90	56.23	24	32.2	96	67	Calm	ESE 1	8	5	.3
18	58.43	56.16	24.4	32.8	95	62	Calm	Calm	9	3	40.1
19	59.41	57.18	23.5	31.9	96	67	Calm	E 1	9	3	15.7
20	58.66	56.65	22.8	31.7	97	65	Calm	Calm	7	1	9.7
21	57.02	55.20	23.5	32	97	55	Calm	Calm	9	2	.....
22	56.98	55.10	23.5	32	97	61	Calm	Calm	9	3	6.1
23	57.06	54.77	23.7	33.3	97	56	Calm	Calm	4	3	23.9
24	58.38	57.07	23.5	30.5	97	70	Calm	Calm	10	8	7.4
25	59.59	58.01	23.5	31.3	98	64	Calm	Calm	10	3	1.3
26	60.34	58.05	24	32.4	97	64	Calm	E 1	10	5	.....
27	60.26	58.15	23.5	31.3	96	67	Calm	Calm	9	3	3.6
28	59.56	57	23.5	32.6	97	59	Calm	Calm	1	3	.....
29	57.58	54.41	23.1	31	95	69	Calm	E 1	1	7	10.7
30	54.88	52.73	23.5	30.5	96	65	Calm	Calm	7	9	1
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.79	54.83	23.7	32.1	96.2	64.1	0	0.3	7.8	5.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	414.7

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	53.83	52.94	23.4	26	96	89	Calm	Calm	10	10	2.6
2	52.89	50.66	23.4	29	97	74	Calm	NE 2	8	9	1
3	51.32	50.08	23.8	30.2	97	73	Calm	Calm	10	9	1.3
4	52.10	52.45	23.7	30.8	97	68	Calm	S 1	9	9	.....
5	56.53	55.17	24.7	33.5	97	58	Calm	S 1	9	8	3.8
6	58.30	56.56	24	32	98	66	Calm	NE 1	10	7	1.8
7	57.92	56.14	24.3	32.3	94	66	Calm	Calm	8	8	22.4
8	58.76	57.19	23.4	29	96	74	Calm	Calm	7	8	3
9	59.30	57.56	24.1	32.4	96	61	Calm	ENE 1	10	7	22.6
10	58.79	57.68	23.6	27.1	97	80	Calm	Calm	9	9	2
11	59.13	58.10	23.4	24.9	93	85	Calm	Calm	10	9	22
12	59.14	57.74	22.3	30.2	98	66	Calm	NNE 1	10	6	6.9
13	59.52	57.06	22.7	28	97	74	Calm	NNE 1	9	9	.3
14	58.05	55.79	21.2	27.4	95	70	Calm	NNW 1	8	9	.3
15	54.09	50.10	22.5	25.8	96	88	Calm	N 2	10	10	11.8
16	49.65	52.17	25.3	29.4	93	71	Calm	ESE 1	9	8	8.1
17	55.78	54.14	23.4	26.4	97	85	Calm	Calm	10	10	43
18	55.52	55.24	23.4	24.6	99	98	Calm	Calm	10	10	36.1
19	56.75	56.01	24.3	24.7	93	97	Calm	Calm	10	10	10.1
20	57.27	56.03	23.9	30.4	97	65	Calm	Calm	10	6	.8
21	57.47	55.59	23.9	30.6	97	58	Calm	NE 1	10	8	3.8
22	52.90	49.29	24.6	28.4	97	82	Calm	Calm	10	10	4.3
23	53.95	54.39	25.7	28	81	71	S 1	S 1	8	9	.....
24	56.73	54.86	24.5	33.5	85	53	Calm	SSW 1	8	2	.....
25	57.48	55.44	22.2	30.3	96	66	Calm	Calm	9	9	.....
26	59.83	59.32	21.9	32	96	60	Calm	Calm	9	7	.....
27	62.75	61.71	23.3	25.7	96	88	Calm	Calm	10	9	3.9
28	62.86	61.45	21.3	26.5	98	84	Calm	Calm	0	9	.3
29	61.81	58.76	22.3	31.5	97	59	Calm	NE 1	9	4	.....
30	60.24	58.21	20.6	31.3	97	62	Calm	Calm	3	3	.....
31	60.45	59.39	23.4	26.3	97	86	Calm	Calm	9	9	1.8
Mean	57.13	55.72	23.4	29	95.5	73.5	0	0.5	8.7	8.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	214

NOVEMBER.

	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	60.81	58.62	21.6	30.5	95	65	Calm	Calm	9	8	.....
2	59.98	58.24	20.6	29.3	95	69	Calm	ESE 1	3	9	.....
3	60.76	59.11	20.9	27	96	77	Calm	Calm	5	8	1
4	60.41	58.82	20.5	31	95	59	Calm	Calm	1	4	.....
5	60.46	58.37	20.6	32	94	58	Calm	Calm	6	2	.....
6	60.46	58.76	22	31.3	96	63	Calm	Calm	6	8	.....
7	61.36	59.77	21.5	31.3	95	62	Calm	Calm	10	1	.....
8	61.51	60.47	22.8	27.7	97	78	Calm	Calm	9	6	.3
9	62.16	59.96	22.3	31.4	97	57	Calm	Calm	10	3	.....
10	63.37	61.19	21	29.6	96	58	Calm	ENE 1	10	3	.....
11	63.05	61.05	20.5	29.3	96	57	Calm	E 1	9	4	.....
12	62.38	60.53	19.4	29.5	95	63	Calm	Calm	2	6	1.5
13	63.14	61.66	19.2	26.3	98	82	Calm	Calm	10	9	1.6
14	62.81	61.30	22.1	27	98	81	Calm	Calm	10	9	5.9
15	62.83	60.93	22	30.2	99	58	Calm	E 1	10	4	.....
16	62.72	60.32	18.9	30	97	62	Calm	E 1	9	4	.....
17	61.24	59.73	20.2	30	94	62	Calm	Calm	8	4	.....
18	61.51	59.44	20.5	29.7	98	55	Calm	Calm	9	3	.....
19	61.03	59.23	18.9	29	97	57	Calm	Calm	7	3	6.9
20	61.56	59.74	21.8	29.9	96	65	Calm	NE 1	10	6	2.5
21	61.46	58.82	21.2	30.3	94	60	SE 1	SE 1	10	1	.....
22	60.97	58.28	18.8	31.5	97	57	Calm	SE 1	3	1	.....
23	60.73	58.43	21.3	30.3	97	64	Calm	SE 1	10	5	.....
24	61.18	59.94	22.7	24.8	96	89	Calm	NNE 2	10	10	5.1
25	60.78	58.53	22	29.5	97	69	Calm	SE 1	10	8	.....
26	59.57	57.42	20.8	31.5	97	62	ESE 1	NE 1	1	7	.....
27	60.32	58.22	22.2	30.7	96	60	Calm	Calm	2	2	.....
28	60.98	58.89	23	30.3	96	69	SE 1	ENE 2	10	6	.....
29	61.86	59.78	22.3	30.8	97	60	Calm	E 1	10	4	4.6
30	62.04	60.24	22.8	28.6	97	68	Calm	ENE 2	10	4	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	61.45	59.53	21.1	29.7	96.3	64.9	0.1	0.6	7.6	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	29.4

DECEMBER.

	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	61.83	59.39	20.6	29.5	94	58	Calm	NE 1	10	7	.....
2	61.62	59.57	20.6	28.8	97	61	Calm	E 1	10	9	.....
3	61.70	60.45	21.8	26.1	96	79	Calm	NE 2	10	10	2.3
4	62.69	60.77	19.6	26.4	97	69	Calm	SE 1	10	10	.....
5	62.56	61.41	21	26.3	95	76	Calm	SSW 1	10	10	.....
6	63.26	61.43	20	30.5	98	....	Calm	ESE 1	10	3	.1
7	63.56	61.14	17.6	29.3	97	46	S 1	ESE 1	10	2	.1
8	63.30	61.29	16.2	28.7	98	56	Calm	ESE 1	10	10	.....
9	62.58	60.20	20.5	30	95	57	Calm	SW 1	10	4	1
10	62.42	60.09	21.8	28.2	97	76	Calm	SW 1	10	9	1.1
11	60.64	58.53	19	31	97	64	S 1	SW 1	4	2	.1
12	60.55	58.69	18	30.2	97	64	S 1	SW 1	10	2	.....
13	61.38	59.44	18.2	28.7	96	59	Calm	SE 1	10	7	.....
14	60.86	58.77	21.6	30.2	95	64	NE 1	SE 1	10	7	.1
15	61.23	60.39	21.3	28.7	95	74	Calm	ENE 1	10	10	.8
16	61.73	60.34	22.3	28.8	97	59	Calm	ESE 1	10	10	.....
17	62.39	59.83	20.3	30.6	97	52	S 1	SW 1	10	10	.1
18	62.80	60.61	18.1	29	96	55	S 1	NW 1	10	10	.....
19	62.95	61.17	19.8	30.1	95	55	ESE 1	E 1	10	5	.....
20	63.20	60.90	19.6	28.1	95	63	Calm	SE 1	7	10	.1
21	62.87	59.87	18.8	29	97	55	Calm	SE 1	7	8	.....
22	61.66	59.04	18	28.2	95	58	SSW 1	SSW 1	10	10	.....
23	60.57	59.41	17.5	28.7	92	56	Calm	ENE 1	9	3	.....
24	60.85	58.45	15.5	30	98	47	Calm	NE 2	9	5	.8
25	59.81	57.57	21.5	28.5	95	75	Calm	NE 1	10	10	5.6
26	58.58	57.26	23	28.9	96	71	ESE 1	SW 1	10	10	2.6
27	59.29	58.56	22.8	27	97	77	E 1	SE 1	10	10	2.6
28	60.78	59.63	21.7	27.7	98	73	W 1	ENE 1	10	7	23.4
29	62.21	60.75	21.7	26.8	96	77	NW 1	NE 2	10	10	3.4
30	62.04	60.88	21.5	25.6	95	83	NW 1	NE 2	10	10	2.8
31	62.68	61.55	21.2	24.2	95	91	Calm	N 1	10	10	6.1
Mean	61.76	59.92	20	28.5	96.1	65	0.4	1.1	9.5	7.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53.1

CANDON.

[$\phi = 17°\ 12'$ N; $\lambda = 120°\ 26'$ E; barometer above sea, 6 meters; gravity correction not applied, −1.62 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.c*			*0–10*	*0–10*	*mm.*
1	59.85	59.36	22.6	27.4	78	70	Calm	WNW 2	6	9	.....
2	60.90	59.73	23.5	27.6	84	71	Calm	WNW 2	9	7	.....
3	60.66	59.05	23	29.5	78	61	Calm	NNW 2	9	3	.....
4	60.59	59.04	22.2	29	76	63	N 1	NNW 1	4	5	.....
5	60.07	59.51	22.4	28.6	77	69	Calm	SW 1	3	4	.....
6	60.59	59.66	22.4	27.6	77	66	NNE 1	Calm	10	9	.....
7	60.39	59.11	22.5	29	78	55	Calm	NNE 2	9	7	.....
8	61.62	60.64	20.5	26.9	67	50	NNE 3	NNE 4	4	3	.....
9	61.94	60.59	19	27.2	68	56	NNE 2	S 1	2	4	.....
10	61.55	60.75	19.2	26.2	62	58	NNE 1	SSW 1	3	3	.....
11	61.48	60.30	19.7	27.4	77	65	Calm	WNW 1	4	1	.....
12	60.43	59.51	22.5	28.5	82	71	Calm	WNW 1	2	7	.....
13	60.20	59.35	23.5	28.4	87	72	NNW 1	NW 2	10	8	.....
14	60.59	58.62	22	28.5	83	70	N 1	NW 2	4	0	.....
15	61.11	60.54	21.1	28.2	76	65	NNE 1	W 1	9	2	.....
16	61.69	59.95	21.4	29.5	78	65	N 1	N 1	9	3	.....
17	60.54	59.49	22	26.6	72	67	N 1	SW 1	9	7	.....
18	59.80	58.84	20.7	28.4	80	61	Calm	NW 2	5	1	.....
19	59.98	58.91	22.5	28.4	82	64	N 1	NW 2	1	1	.....
20	60.75	58.66	21.6	29.5	86	55	Calm	NNE 3	4	0	.....
21	60.48	58.67	20.5	28	70	65	NNE 2	NNW 3	2	4	.....
22	60.95	60.10	20.4	27.7	73	61	N 1	NNW 3	8	3	.....
23	61.03	58.63	20.1	27.6	71	60	NNE 2	WNW 2	8	4	.....
24	59.87	57.12	20.2	28.5	78	64	Calm	NW 3	5	7	.....
25	59.35	57.36	20.9	29	74	51	NNE 2	NNE 4	6	7	.....
26	59.72	58.99	21.1	27.9	68	61	NNE 2	SW 1	8	9	.....
27	59.94	58.54	22	27.9	69	62	NNE 1	NNW 3	9	2	.....
28	60.01	58.28	21.4	27	74	63	Calm	NW 2	9	8	.....
29	58.49	58.10	22.4	28.2	77	66	NNE 1	W 1	10	7	.....
30	58.74	57.91	24.1	28.5	79	70	Calm	NW 1	10	8	.....
31	59.11	58.89	23.1	27.2	75	63	N 1	NW 1	10	10	.....
Mean	60.40	59.17	21.6	28.1	76	63.2	0.8	1.8	6.5	4.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.66	59.58	22.9	28	71	68	NNE 1	SSW 1	10	9	.....
2	59.79	58.61	22.5	28	87	75	Calm	SW 1	10	3	.....
3	59.84	58.64	22	28.3	76	65	Calm	NW 1	4	7	.....
4	59.14	57.89	23.5	29.3	80	70	Calm	SW 1	4	5	.....
5	58.15	57.39	23.8	29	81	71	Calm	NNW 2	9	0	.....
6	58.26	57.61	23.2	28.2	83	61	Calm	NNW 1	8	1	.....
7	58.04	57.57	18	28.2	82	60	Calm	NW 2	0	3	.....
8	58.87	59.51	20.7	28.4	71	60	Calm	W 1	2	6	.....
9	60.63	60.28	20.5	28	69	58	NNE 1	NNW 3	4	8	.....
10	61.13	60.06	21.5	26.2	69	70	Calm	Calm	5	9	.....
11	60.61	60.31	21.4	26.7	74	75	Calm	SW 1	8	10	.....
12	59.61	58.63	24	30	71	62	N 1	SSW 1	10	8	.....
13	59.30	59.20	24	28	72	74	NNE 1	W 1	10	9	.....
14	58.58	57.80	24.7	28.9	86	76	Calm	SSW 1	10	4	.....
15	58.80	58.04	24	29.5	83	75	Calm	NNW 2	8	9	1.3
16	59.70	59.26	24	31	80	64	Calm	S 1	10	4	.....
17	60.98	60.94	24	28	67	57	N 2	NNE 3	10	10	.....
18	61.63	60.45	21.7	27.8	71	64	N 1	NNW 3	10	4	.....
19	61.40	60.91	20.6	26	67	63	NNE 2	SW 1	10	10	.....
20	61.85	60.71	20.9	26.8	67	60	NNE 1	W 1	10	9	.....
21	61.81	60.69	21.4	27.8	71	62	NNE 1	NNW 1	10	8	.....
22	62.50	60.59	20.6	28	82	66	Calm	NW 2	1	3	.....
23	61.45	60.89	20	28.5	76	64	NNE 1	NW 1	2	4	.....
24	62.92	61.69	20.2	28.5	73	58	NNE 1	W 1	0	2	.....
25	62.82	60.73	20	28.5	77	64	Calm	NW 3	3	2	.....
26	63.18	60.41	21	29.7	82	68	Calm	W 1	3	0	.....
27	61.96	60.91	21.6	29.4	87	70	Calm	W 1	1	0	.....
28	61.96	60.29	22.5	29	91	78	Calm	WNW 1	1	7	.....
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.52	59.63	22	28.3	76.6	66.4	0.5	1.4	6.2	5.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.3

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.34	60.26	22.8	29.1	89	76	Calm	NW 2	10	6	.....
2	61.88	60.94	21.9	28.8	88	79	Calm	SW 2	1	3	.....
3	64.13	62.21	21.2	29	84	71	NNW 1	W 1	4	0	.....
4	63.26	61.34	23	29.4	89	70	Calm	NW 1	4	2	.....
5	62.11	60.66	23	29	87	81	Calm	SW 1	1	1	.....
6	62.16	60.50	22	29.5	91	75	Calm	NNW 1	1	1	.....
7	61.94	60.10	22.7	29.5	87	75	N 1	NNW 2	2	4	.....
8	61.08	58.74	21.5	29.5	87	76	Calm	NW 2	7	3	.....
9	59.47	57.99	22	29.5	91	79	Calm	NW 1	2	5	.....
10	58.75	57.70	23.5	30.2	91	80	Calm	W 2	3	2	.....
11	59.43	58.81	22.5	29.6	91	81	Calm	W 2	1	6	.....
12	59.96	58.44	23	29.5	84	66	Calm	NNW 1	3	1	.....
13	59.08	57.94	22.7	29.5	82	72	Calm	SW 2	8	9	.....
14	59.43	58.23	24.5	30.4	83	67	Calm	WNW 1	9	2	.....
15	59.35	58.79	22	28.5	87	62	Calm	NNW 3	0	0	.....
16	60.73	59.87	21.5	28	78	56	Calm	NW 2	2	1	.....
17	61.11	60.38	22	28.5	76	61	Calm	SW 1	3	1	.....
18	62.03	60.69	23.2	29.5	77	59	Calm	NW 1	2	0	.....
19	62.10	60.71	20.5	29.5	81	55	Calm	W 1	4	0	.....
20	60.36	59.61	20.5	28.4	77	58	Calm	WNW 1	0	7	.....
21	60.09	58.44	21.9	29	80	65	Calm	NW 2	1	3	.....
22	59.89	58.24	21.5	29.5	84	63	Calm	SW 1	0	0	.....
23	59.46	57.21	22.7	29.7	82	65	Calm	SSW 1	8	0	.....
24	57.68	57	24.4	30	77	67	Calm	SSW 1	0	0	.....
25	58.50	58.26	23.4	30.7	84	67	Calm	W 1	0	1	.....
26	59.80	58.54	23.4	30.5	85	72	Calm	NW 2	3	0	.....
27	60.35	58.72	23.7	31	84	68	Calm	NW 2	6	2	.....
28	59.95	58.20	23.5	30.6	84	74	Calm	W 2	0	4	.....
29	59.96	58.50	25.7	30.5	78	72	Calm	WNW 1	9	9	.....
30	59.72	57.90	25	30.6	83	71	Calm	W 1	4	2	.....
31	59.99	58.29	24.2	30.6	82	71	NNE 1	NW 2	7	2	.....
Mean	60.49	59.14	22.8	29.6	84	69.5	0.1	1.5	3.4	2.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	°C.	°C.	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.89	58.09	24.5	31.1	79	71	Calm	SW 1	2	3	.....
2	59.63	57.83	25	31.2	81	68	Calm	NW 2	1	2	.....
3	58.94	57.52	24.6	30.5	80	72	Calm	SW 1	4	2	.....
4	59.18	58.18	25	31	85	73	Calm	NW 1	9	2	.....
5	59.19	58.10	24.6	30.7	86	68	Calm	NW 2	8	2	.....
6	58.41	56.82	25	30.8	87	67	Calm	SW 1	3	0	.....
7	57.89	56.18	25.6	31.1	83	66	Calm	W 1	0	2	.....
8	57.77	57 05	25	31.4	83	66	Calm	W 1	1	3	.....
9	58.28	57.34	26.1	31.2	80	68	Calm	W 1	8	2	.....
10	59.18	57.73	24.4	31.4	82	66	Calm	NW 2	8	3	.....
11	58.71	56.44	26.1	31.8	83	69	Calm	NNW 2	7	2	.....
12	57.07	56.20	25.3	30.5	81	73	Calm	W 1	8	10	.....
13	56.05	55 17	24.8	30.5	87	72	Calm	NW 1	9	4	.....
14	57.21	55.89	24.8	30.6	85	72	Calm	N 3	2	10	.....
15	57.94	56.43	23.7	30.2	87	70	Calm	WNW 1	2	10	.....
16	58.56	57.55	25.7	31	80	69	Calm	WNW 1	10	3	.....
17	59.16	57.92	25.4	30.7	81	72	Calm	WNW 1	10	4	.....
18	59.83	59.09	25.8	30.8	81	72	Calm	SW 1	8	2	.....
19	61.02	59.49	25	31	85	75	Calm	WNW 1	4	2	.....
20	60.95	59.12	24.9	30.7	88	62	Calm	SW 2	8	0	.....
21	60.18	59.04	24.4	31.2	80	57	Calm	SW 2	2	3	.....
22	59.12	58.07	24.8	31.4	77	66	Calm	W 1	0	2	.....
23	59.97	58.49	24.4	31.7	78	68	N 1	NW 1	8	3	.....
24	60.51	59.37	25.7	31.8	81	66	Calm	SW 2	2	3	.....
25	61.06	59.54	26.2	31.6	79	68	Calm	W 1	7	8	.....
26	59.16	57.72	25.5	32.6	80	62	Calm	WNW 1	3	1	.....
27	58.44	56.69	25	32.2	80	65	N 1	W 2	3	1	.....
28	58.10	56.42	24.7	32.5	76	62	Calm	W 1	0	2	.....
29	58.62	58.02	25.2	32.2	74	68	Calm	WNW 1	3	1	.....
30	59.03	58.08	24.8	32	79	63	Calm	WSW 1	0	1	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	58.97	57.65	25.1	31.2	81.6	67.9	0.1	1.3	4.7	3.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

CANDON.

[$\phi = 17°\ 12'$ N; $\lambda = 120°\ 26'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.89	57.67	25.6	32	81	66	Calm	W 1	0	3	.....
2	58.17	56.67	26.2	32.5	82	60	Calm	SW 1	0	2	.....
3	58.31	57.15	26	32.8	75	64	NNE 1	N 2	3	2	9.1
4	59.26	57.73	25.4	31.5	87	72	Calm	SSW 2	2	1	1
5	58.97	58.21	25	31.5	83	70	Calm	SW 1	3	2	.....
6	58.26	57.07	25.5	32	77	66	Calm	WSW 1	2	1	.....
7	58.25	56.39	28	32.5	81	63	Calm	W 1	9	1	.....
8	56.55	55.42	26	32.6	82	66	Calm	SW 1	2	4	.....
9	56.02	55.69	27.5	32.7	84	66	Calm	WSW 1	10	6	.....
10	57.33	56.62	26.4	32.7	82	61	Calm	WNW 1	8	7	.....
11	58.59	57.26	26	33.3	83	59	Calm	NW 1	4	3	.....
12	58.54	57.72	26.5	33.2	79	65	Calm	W 1	4	4	.....
13	58.24	57.25	26	33.5	80	65	Calm	WNW 1	2	3	.....
14	58.57	57.80	26.8	33.4	83	65	Calm	W 1	1	2	.....
15	59.77	57.82	27.3	33.1	82	69	Calm	W 2	7	3	6.4
16	58.83	56.47	25.1	32	91	72	Calm	W 1	3	4	.....
17	56.80	56.44	27.6	32.6	87	66	Calm	SW 1	4	1	.....
18	57.58	56.82	26.6	32.8	87	69	Calm	WNW 1	3	2	.....
19	58.02	56.87	27	33	88	67	Calm	W 2	2	3	.....
20	57.66	57.09	26.4	32.6	85	69	Calm	SW 1	2	3	.....
21	57.13	56.55	26.5	33	85	71	Calm	SW 1	4	3	80
22	57.74	57.32	25.5	31.7	92	78	Calm	SW 1	2	1	3.8
23	58.13	56.78	26.6	32	91	78	Calm	NW 1	7	2	.....
24	57.16	56.18	26.4	32	82	66	Calm	W 1	3	2	2.5
25	56.88	55.53	26.4	31.6	85	66	Calm	W 1	1	3	.....
26	57.48	56.89	26.7	32.5	80	60	Calm	W 1	7	4	.....
27	57.92	56.76	26.2	32.7	82	65	Calm	SW 1	8	3	5.6
28	58.22	56.92	27	32.5	84	65	Calm	SW 1	7	4	.....
29	57.41	56.67	27.6	32.5	84	66	Calm	SW 1	9	8	9.7
30	58.84	57.43	26	31.7	88	70	Calm	WNW 1	8	5	3
31	58.98	58.12	24.7	31.8	86	74	Calm	SW 1	2	8	.....
Mean	58.02	56.95	26.3	32.5	83.8	67.1	0	1.1	4.2	3.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	121.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.36	58.08	26	32	84	69	Calm	SW 1	0	2	.....
2	59.31	57.21	25.5	32.7	83	68	Calm	NW 1	1	3	10.2
3	57.98	56.84	25	31.4	87	73	Calm	W 1	2	4	4.3
4	57.91	55.92	25.5	31.7	88	72	Calm	SW 1	3	3	.....
5	57.51	55.32	25.8	32.4	81	68	Calm	WNW 1	9	1	4.8
6	55.63	54.14	24.2	31.3	86	70	Calm	NW 1	3	6	50.8
7	55.93	54.75	25	31	88	75	Calm	SW 1	3	7	59.7
8	57.49	56.89	26	31.5	90	75	Calm	SW 1	2	9	1.3
9	58.12	57.50	25.2	31.2	88	69	Calm	W 1	6	5	.....
10	58.09	57.04	26	31.5	89	72	Calm	SW 1	7	8	.....
11	56.35	55.64	26.4	28.8	88	86	Calm	SSE 1	9	10	22.9
12	56.73	55.55	24.5	31	91	70	Calm	SSW 2	4	4	.....
13	57.61	56.68	26	31.7	88	71	Calm	SSW 3	2	8	41.4
14	58.92	57.48	25.1	30.5	91	80	Calm	SW 1	9	9	5.3
15	58.52	57.49	25.3	31.2	89	75	Calm	W 1	1	2	26.7
16	59.08	57.94	24.7	30.9	90	76	Calm	W 1	5	3	5.3
17	58.78	57.90	26.6	31	87	76	Calm	NW 1	9	7	.....
18	58.18	58.20	24.6	30.8	87	76	Calm	W 1	4	3	.....
19	59.28	58.54	25.5	31.7	83	66	Calm	WNW 1	2	1	7.9
20	59.19	58.04	25.4	31.5	87	77	Calm	SW 1	2	4	1
21	58.44	57.47	25.8	31.5	88	75	Calm	W 1	4	2	.....
22	57.47	57.14	25.9	31.5	88	69	Calm	W 1	3	4	.....
23	57.16	56.64	25.6	31.7	84	71	Calm	WNW 1	2	3	7.6
24	57.52	56.17	25.5	31	89	72	Calm	SW 1	9	3	10.9
25	56.73	55.03	26	31	88	75	Calm	WNW 1	2	4	.....
26	54.96	54.62	25.2	31.8	88	74	NNE 1	W 1	2	3	.....
27	53.61	52.73	27.2	28.1	87	88	Calm	SE 1	9	10	54.6
28	48.09	46.48	26.1	30.7	86	80	Calm	N 2	3	10	10.4
29	43.18?	41.38?	27	26.8	90	94	N 1	WNW 6	10	10	181.6
30	49.59	51.64	25	29.8	91	75	S 2	S 2	10	10	12.7
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.56	55.55	25.6	31	87.5	74.6	0.1	1.3	4.6	5.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	519.4

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	54.79	55.54	25.4	30.9	88	77	Calm	SSW 1	10	10	1.3
2	57.63	57.39	26	31	90	72	Calm	SW 1	9	8	19.8
3	58.31	56.60	25.8	31	93	72	Calm	SW 1	7	4	1.3
4	56.45	55.45	24.8	30.5	90	76	Calm	SW 1	4	5	.....
5	54.30	53.74	26.4	29.7	89	80	Calm	SW 1	8	10	.....
6	54.07	52.80	26.5	30	91	83	Calm	NW 1	10	10	4.3
7	54.15	53.23	26	30.7	93	75	Calm	Calm	3	10	15
8	55.86	54.96	26	30.2	92	71	Calm	SW 3	3	8	.....
9	54.97	53.49	25.7	31	86	76	Calm	SSW 4	5	7	3.8
10	53.13	52.72	25.7	27.4	91	85	Calm	S 1	10	10	52.8
11	53	53.28	26.5	27.6	93	89	S 2	SSW 2	10	10	69.8
12	53.93	54.51	26	29.4	96	87	SSW 2	S 2	10	9	69.6
13	54.88	54.85	26.4	29.7	93	88	S 1	S 2	10	9	14.2
14	55.16	55.03	27	26.2	92	95	S 1	SSE 2	10	10	87.4
15	54.85	54.34	26.2	27.5	96	92	S 2	SSW 3	9	10	50.8
16	55.08	55.39	26	29	94	88	SSE 2	SSW 2	10	7	30.8
17	55.79	56.25	26.4	27.8	87	91	S 2	SSE 1	8	9	23.6
18	56.51	56.33	26.2	29.6	90	84	S 2	SSE 2	9	8	34.8
19	56.43	56.26	26.7	30	94	85	SSW 1	SSW 1	10	9	101.1
20	56.13	55.98	25.6	26.8	95	90	Calm	SSW 1	10	10	178.8
21	56.58	56.14	25.5	24.2	89	91	Calm	SSE 1	10	10	280.6
22	54.84	54.76	25	24.4	92	94	Calm	Calm 10		10	230.6
23	54.93	55.20	23.8	29.5	93	81	Calm	SW 1	9	8	3.3
24	54.95	54.71	25	29.6	88	78	SW 1	SW 1	10	8	3.8
25	54.72	54	26.2	30.5	88	75	Calm	S 1	8	7	6.1
26	55.13	54.96	25.5	28.2	88	81	Calm	SW 1	8	10	27.7
27	55.87	54.33	25	27.7	90	82	Calm	Calm 10		10	66
28	54.01	53.02	24.5	26.4	92	89	Calm	S 2	10	10	47.3
29	54.26	54.94	24.5	25.8	91	83	Calm	SSW 2	10	10	3.8
30	55.89	55.44	24.4	31.5	87	68	NNE 1	SW 2	8	9	.....
31	57.79	57.88	26.1	29.8	86	76	Calm	NW 1	10	10	2.8
Mean	55.30	54.95	25.7	28.8	90.9	82.4	0.5	1.4	8.6	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,431.2

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.51	58.59	25.1	29.5	88	79	Calm	SW 1	10	8	11.9
2	58.03	58.01	25	26.4	87	89	Calm	Calm 10		10	1
3	57.44	57.20	25	29.5	92	77	Calm	SW 1	9	8	.....
4	58.41	57.73	25.5	31.2	83	68	Calm	SW 3	9	4	.....
5	58.39	57.50	25.8	31	85	69	Calm	SSW 2	5	3	.....
6	58.42	57.65	24.7	30.5	85	66	Calm	W 1	5	8	.....
7	57.71	57.69	26	30.7	81	69	Calm	SSW 2	9	7	.....
8	58.17	57.42	26.4	31	84	72	Calm	WSW 1	8	3	.....
9	58.22	57.36	26.8	29.9	85	73	Calm	SW 1	9	9	25.4
10	57.21	55.46	25.5	30.5	91	76	Calm	SSW 1	9	7	10.2
11	56.23	54.61	25.7	30	89	77	Calm	SW 1	9	9	71.9
12	53.63	52.84	25.5	25.4	89	93	Calm	S 1	10	10	131
13	53.47	52.57	23.9	27.2	91	81	S 1	S 2	10	10	15.8
14	54.59	53.85	24.5	29.8	92	76	Calm	SSW 3	10	9	.....
15	57.37	57.61	25.4	30.5	88	73	Calm	SW 1	10	8	.....
16	59.12	58.16	25	30.5	88	73	Calm	W 1	4	3	29.7
17	59.39	57.09	26	29.4	89	80	Calm	SW 1	9	8	20.3
18	56.92	55.44	25	29.5	92	81	Calm	SW 1	4	5	10.2
19	56.41	55.98	25.5	29.5	91	77	Calm	W 1	10	9	1.8
20	56.87	56.09	25.4	29.8	88	78	Calm	SW 1	7	8	6.1
21	57.82	56.83	25	29.8	88	79	Calm	WSW 2	7	4	.....
22	58.08	56.70	26.3	30.6	89	76	Calm	SW 1	7	8	5.8
23	57.33	56.11	25.9	29.5	90	79	Calm	WNW 1	9	4	.....
24	55.22	53.82	25.5	30.7	89	74	Calm	SW 1	9	7	.....
25	54.27	54.85	25.7	30.7	88	74	Calm	SW 1	9	8	.....
26	56.73	56.14	26.3	29.3	86	81	Calm	SW 1	9	10	54.1
27	56.87	56.18	24.9	29.4	91	79	Calm	SSW 1	10	10	9.4
28	56.07	55.14	25	29.5	91	79	Calm	SW 1	8	7	1.5
29	56.26	56.23	25	29.6	92	77	Calm	SSE 1	3	10	.....
30	57	56.86	24.9	30.2	89	76	Calm	SW 2	4	7	4.3
31	56.63	56.38	24.7	29.4	92	80	Calm	SSW 2	9	10	.....
Mean	57.03	56.26	25.4	29.7	88.5	76.8	0	1.3	8.1	7.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	410.4

CANDON.

[$\phi = 17°\ 12'$ N; $\lambda = 120°\ 26'$ E; barometer above sea, 6 meters; gravity correction not applied, —1.62 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.02	56.65	25.2	30.5	88	73	Calm	SW 2	9	9	3.6
2	57.74	56.93	25.7	30.3	89	73	Calm	SW 2	10	6	12.7
3	56.33	55.84	25.5	29	91	83	Calm	SW 2	9	9	21.1
4	55.10	53.51	24.8	29.5	92	79	Calm	SW 2	9	8	11.4
5	52.87	51.20	24.4	29.6	90	77	Calm	NW 1	9	9	1.8
6	53.60	54.05	25.4	29.5	90	78	Calm	NW 1	8	7	1
7	55.19	54.78	26.5	30.5	91	78	Calm	SSW 1	9	3	4.1
8	55.05	55.15	25.9	28.2	91	88	Calm	SSE 1	9	9	67.8
9	55.96	55.38	26	29.4	92	82	Calm	SW 1	9	8	26.4
10	56.23	55.60	26	30.1	92	77	Calm	SSW 1	10	7	7.4
11	56.14	55.94	25.4	29.5	90	81	Calm	SW 3	9	10	13.4
12	56.89	57.39	25.5	28.7	93	83	Calm	S 3	10	10	3.6
13	58.61	58.25	26.1	28.8	89	84	Calm	SSW 1	10	10	4.8
14	58.79	58.86	26.5	26.3	91	90	Calm	SSE 1	10	10	25.9
15	59.18	57.89	25	29.5	92	81	Calm	S 1	8	4	8.1
16	58.32	57.78	25.2	29.1	94	80	Calm	SW 1	8	10	7.9
17	59.28	57.94	24.7	29.5	91	79	Calm	SW 1	9	8	11.2
18	59.23	57.78	25	30	90	78	Calm	SW 1	3	2	3.8
19	60.26	59.36	25.4	29.5	92	81	Calm	W 1	3	4	.....
20	59.02	57.86	25	30	90	79	Calm	WNW 1	2	3	.....
21	57.02	56.30	25	30.2	88	78	Calm	SW 1	2	4	4.6
22	57.17	56.68	25.2	29.9	89	76	Calm	WNW 1	2	1	.....
23	56.88	56.48	24.5	30.3	89	76	Calm	SW 1	1	1	.....
24	58.11	57.35	25.3	31	89	76	Calm	W 1	4	3	.....
25	59.53	58.80	25.7	31	90	72	Calm	NW 1	4	5	.....
26	60.07	59.12	25.6	30.5	84	72	Calm	SW 1	10	2	.....
27	59.16	58.94	25.4	31	83	73	Calm	W 1	8	7	.....
28	59.14	57.72	25.4	31	80	68	Calm	W 1	10	0	.....
29	57.49	55.08	25.2	31.4	85	66	Calm	W 1	3	0	.....
30	55.66	54.17	25.8	31.1	85	69	N 1	NW 2	4	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.37	56.63	25.4	29.8	89.3	77.7	0	1.3	7	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240.6

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.44	54.23	25.7	30.8	86	73	Calm	NNW 2	7	4	.....
2	54.48	53.31	25.2	29.3	88	82	Calm	NNW 3	8	7	6.1
3	53.42	52.67	26.2	28	90	88	Calm	NNW 2	10	10	15.3
4	54.95	55.32	26	27	90	88	S 2	W 1	10	10	23.2
5	57.97	57.85	25.4	28	92	82	Calm	Calm	10	10	3.8
6	59.69	58.89	24.8	29	91	81	Calm	SW 1	10	10	.....
7	58.74	57.63	25.6	30	91	79	Calm	NNW 2	8	2	.....
8	58.68	57.93	24.8	30	89	77	Calm	W 1	2	3	.....
9	59.23	58.20	25	30.3	88	76	Calm	WNW 1	1	1	.....
10	58.76	57.41	25.2	30.6	88	71	Calm	NW 1	8	3	.....
11	58.85	57.61	24.7	30.2	94	74	Calm	WNW 1	1	2	.....
12	58.94	58.49	25.8	30.1	88	74	Calm	W 1	8	7	.....
13	59.24	57.33	24.1	30	87	74	Calm	NNW 2	9	8	.....
14	57.88	56.06	22.8	29.6	83	67	Calm	NNW 3	9	7	.....
15	55.59	52.58	23.6	27.2	88	90	Calm	N 4	10	10	4.5
16	47.16	50.20	25.4	30	92	83	N 1	NW 2	10	8	.....
17	53.57	52.08	26	27	92	90	Calm	Calm	9	10	3.8
18	54.30	53.56	24.9	29.4	92	79	Calm	WNW 1	10	9	.....
19	55.87	55.39	25	28.9	92	86	NNW 1	W 1	8	10	2.5
20	57.41	57.34	26.4	28.5	93	92	Calm	Calm	10	10	5.6
21	57.88	56.18	25.4	29.8	90	79	Calm	NW 2	7	6	1.5
22	54.23	50.67	25.1	29.7	92	84	N 1	NNW 2	9	9	59.7
23	54.68	55.47	25.5	27.5	96	85	S 1	S 3	10	10	43.4
24	57.98	57.75	25.5	28.2	88	83	SSW 1	SW 2	10	10	16.7
25	58.87	57.68	25	26.8	92	86	Calm	S 2	10	10	3.3
26	59.31	59.39	22.7	28.7	90	83	Calm	NW 1	3	2	.....
27	61.82	61.15	24	29.5	91	84	Calm	W 1	4	5	.....
28	61.67	60.51	24.5	29.9	92	82	Calm	SW 1	0	3	.....
29	61.12	59.09	24	29.6	88	78	Calm	NNW 1	0	2	.....
30	59.95	58.73	24	30	88	74	Calm	W 1	0	0	.....
31	60.10	58.96	24.2	30.2	91	80	Calm	SSW 1	3	2	.....
Mean	57.35	56.44	24.9	29.2	90.1	80.8	0.2	1.5	6.9	6.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	189.4

NOVEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.62	58.83	24.2	29.9	90	82	Calm	W 1	4	0	.....
2	60.09	58.43	24	30	91	75	Calm	WNW 1	1	1	.....
3	60.55	57.64	24.4	30	90	75	Calm	WNW 1	1	2	.....
4	59.92	58.72	22	29.5	86	71	Calm	NW 1	3	0	.....
5	60.10	58.83	22.7	30	87	71	N 1	W 1	5	3	.....
6	60.43	58.88	23.1	30	90	80	Calm	W 1	5	0	.....
7	61.03	59.53	24.7	30.5	92	78	Calm	NNW 2	3	7	.....
8	60.98	59.81	23.5	29.7	91	84	Calm	W 1	0	7	.....
9	61.68	59.81	24	30.5	91	75	Calm	SW 1	1	0	.....
10	62.14	59.75	22.1	31.5	83	64	Calm	NNW 1	3	1	.....
11	61.76	60.15	21.5	29.9	85	72	Calm	SW 1	1	1	.....
12	61.54	59.71	20.7	29.5	87	76	Calm	SW 1	2	4	.....
13	61.59	60.38	20.5	29.5	91	72	Calm	SW 1	0	0	.....
14	61.51	60.46	22.7	29.2	89	78	Calm	SSW 1	7	4	.....
15	61.74	59.55	23	30.7	90	75	Calm	SW 2	2	0	.....
16	61.70	59.36	20	29.2	86	72	Calm	W 2	0	0	.....
17	61.32	59.82	20.6	29.4	90	75	Calm	WNW 1	0	0	.....
18	61.07	59.14	22	29.5	99	75	Calm	W 1	0	0	.....
19	61.22	59.41	22.2	29.2	93	80	Calm	W 1	4	1	.....
20	61.73	60.13	22.4	29.2	89	79	Calm	WSW 1	2	1	.....
21	60.40	58.99	22.5	29.7	93	83	Calm	W 1	2	0	.....
22	61.23	58.88	24	29.5	93	76	Calm	NNW 2	4	2	.....
23	60.28	59.01	22.6	29.6	93	82	Calm	SW 1	2	3	.....
24	60.60	58.94	23.3	29.7	92	86	Calm	WNW 1	4	5	.....
25	60.10	58.74	23.4	30	92	80	Calm	WNW 1	3	2	.....
26	60.04	58.93	23.2	30.1	93	82	Calm	SW 1	3	0	.....
27	60.99	59.26	23	29.5	93	85	Calm	NW 2	0	2	.....
28	60.68	59.16	23.5	29.8	93	82	Calm	NW 1	0	0	.....
29	60.98	59.84	23	30	96	85	Calm	WSW 1	0	3	.....
30	61.07	59.69	23.5	30.1	96	71	Calm	W 1	1	2	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	60.97	59.33	22.7	29.8	90.8	77.4	0	1.2	2.1	1.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

DECEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.12	59.35	23.8	29.6	85	67	Calm	NW 1	2	1	.....
2	61.16	59.70	22.3	29.2	84	66	Calm	SW 1	0	0	.....
3	61.03	59.39	22.2	29.5	84	71	Calm	W 1	4	2	.....
4	60.94	59.41	22.2	29.3	72	51	N 1	WNW 1	4	7	.....
5	60.63	59.54	22.5	29.5	78	64	N 1	WSW 1	5	1	.....
6	62.23	60.35	22.7	29.9	85	65	Calm	NNW 2	9	2	.....
7	62.71	60.84	21.5	29.2	74	59	Calm	NW 1	3	1	.....
8	62.13	61.21	20.5	28.4	82	64	Calm	W 1	2	1	.....
9	62.01	59.56	20.9	28.5	83	64	Calm	SW 1	0	2	.....
10	61.58	59.87	21.1	28.9	85	73	Calm	SW 1	5	4	.....
11	60.83	58.99	22.4	29.7	85	69	Calm	NW 2	5	3	.....
12	60.72	58.99	21.7	29.3	86	65	Calm	WNW 3	4	0	.....
13	60.17	58.86	20.5	28.6	86	68	Calm	NW 2	3	2	.....
14	60.79	59.05	21.5	29.2	87	72	Calm	NW 1	4	2	.....
15	60.69	59.39	22	29.5	87	72	Calm	W 1	3	1	.....
16	60.87?	60.16	23.7	29.5	87	69	Calm	W 1	0	6	.....
17	61.56	60.01	23.2	29.8	90	73	Calm	NW 1	5	4	.....
18	61.76	60.03	22.7	29	87	70	Calm	W 1	3	5	.....
19	62.29	60.60	20.7	29.4	86	64	Calm	NW 1	4	2	.....
20	62.30	60.44	20.5	28.2	86	72	Calm	WNW 1	3	8	.....
21	61.62	59.51	21.6	29	87	71	Calm	SW 1	7	6	.....
22	61.11	59.07	21.5	28.8	88	72	Calm	W 1	9	8	.....
23	60.29	58.85	21.8	29.1	86	66	NW 1	W 2	5	6	.....
24	59.83	58.57	20	28	78	65	Calm	W 1	0	4	.....
25	59.10	56.23	19.5	30.5	89	70	Calm	NW 1	9	8	.....
26	55.62	55.94	22.8	28.8	88	76	WNW 1	SW 1	5	10	.....
27	57.73	58.03	23	29.7	86	75	Calm	NW 1	7	9	.....
28	60.56	58.48	23	30.6	90	73	Calm	NW 1	6	4	.....
29	60.60	58.85	23.5	31.2	....	67	Calm	SE 1	3	3	.....
30	60.94	59.81	26	30.5	78	62	Calm	WNW 1	8	7	.....
31	61.62	60.20	24	29.5	78	68	Calm	WSW 1	5	8	.....
Mean	60.86	59.33	22.1	29.4	84.2	67.8	0.1	1.2	4.3	4.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

CAPE BOJEADOR.

[ϕ=18° 31′ N; λ=120° 36′ E; barometer above sea, 93.9 meters; gravity correction not applied, —1.57 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	60.48	59.86	20.2	22.6	83	82	NE 4	NE 6	7	7	.....
2..	62.39	62.11	20.6	23.6	82	70	NE 4	NE 4	7	7	.....
3..	62.01	60.76	18.4	21	86	77	NE 6	NE 6	7	7	.....
4..	60.60?	60.36	19	22.8	90	71	NE 6	NE 6	7	7	.....
5..	61.97	61.02	19.4	21.6	87	74	NE 6	NE 6	7	7	.....
6..	61.11?	61.26	....	23.6	....	62	NE 6	NE 6	7	7	.....
7..	63.21	62.87	17.8	19.2	94	85	NE 6	NE 6	7	7	.....
8..	65.08	64.72	16.8	18.4	84	73	NE 6	NE 6	7	7	.....
9..	64.68	63	16	19.8	85	64	NE 6	NE 6	7	7	.....
10..	62.45	61.61	17.6	22	86	67	NE 6	NE 6	7	7	.....
11..	62	60.02?	18.8	26.4	79	62	NE 3	NE 3	7	3	.....
12..	61.39	60.08	21.6	24.4	79	75	NE 3	NE 6	7	7	.....
13..	61.51	61.84	21	21	91	89	NE 6	NE 6	7	7	6.4
14..	63.80	62.09	18.4	20.4	88	81	NE 4	NE 6	7	7	.....
15..	62.38	60.93	17.2	21.2	88	70	NE 6	NE 6	7	7	.....
16..	62.01	60.25	18.8	23.4	73	62	NE 6	NE 6	7	3	.....
17..	61.56	59.71	19.6	22.6	77	68	NE 4	NE 6	7	7	.....
18..	60.21	58.92	19.6	24.8	74	62	NE 3	NE 4	7	3	.....
19..	60.30	59.83	21.2	22.2	77	82	NE 4	NE 6	7	7	.....
20..	63.24	62.24	18.6	19.8	92	78	NE 6	NE 6	7	7	.....
21..	63.16	61.02	17.2	20.6	76	66	NE 6	NE 6	7	3	.....
22..	61.90	61.47	18.8	22.6	73	61	NE 6	NE 6	7	7	.....
23..	62.49	60.21	18.2	22.8	86	63	NE 6	NE 6	3	3	.....
24..	61.29	60.37	19	21.8	88	72	NE 6	NE 6	7	7	.....
25..	61.62	59.82	19	22.4	73	66	NE 6	NE 6	7	7	.....
26..	62.30	60.90	18.6	21.5	84	66	NE 6	NE 6	7	3	.....
27..	62.11	60.36	17.4	22	90	66	NE 6	NE 6	3	3	.....
28..	61.45	59.44	19	21.6	81	75	NE 3	NE 6	3	3	.....
29..	59.80	58.31	19.4	22.8	87	73	NE 4	NE 6	7	7	.....
30..	59.95	59.04	19	21.8	90	79	NE 6	NE 6	7	7	.....
31..	61.60	60.96	18.5	18.4	89	88	NE 6	NE 6	7	7	.....
Mean	61.94	60.82	18.8	21.9	83.7	71.9	5.2	5.8	6.6	6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.4

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	61.21	60.45	19.6	23.8	76	61	NE 6	NE 6	7	7	.....
2..	60.29	59.17	20.4	27.8	83	66	NE 4	NE 3	7	7	.....
3..	60.24	58.72	22.6	27.8	74	77	NE 3	W 3	7	3	.....
4..	58.52	57.73	23.2	28.8	86	64	Calm	SW 3	3	3	.....
5..	58.87	57.84	23.2	26.8	93	68	NE 3	N 3	7	3	.....
6..	59.38	58.54	21.4	25.2	77	66	N 3	NW 3	7	7	.....
7..	59.30	59.23	21.2	24.4	78	60	NE 6	NE 6	7	3	.....
8..	59.99	60.50	20.6	24	71	66	NE 4	NE 4	7	3	.....
9..	61.80	61.66	19.4	24.6	68	63	NE 4	NE 6	7	3	.....
10..	62.44	60.58	21	23.8	66	63	NE 4	NE 6	7	7	.....
11..	61.78	60.07	21	25.4	78	64	NE 4	NE 4	7	7	.....
12..	61.61	60.25	21	23.8	83	58	NE 6	NE 6	7	7	.....
13..	59.96	58.57	22.2	25.2	77	73	NE 4	NE 4	7	7	.....
14..	59.74	57.75	21.8	27.8	91	69	NNE 4	NE 3	7	7	.....
15..	60.78	59.54	22.2	22.6	89	82	NNE 3	NNE 4	7	7	7.9
16..	62.67	61.82	19.2	21.6	94	75	NE 6	NE 6	7	7	.....
17..	63.01	62.98	19.2	21.2	75	67	NE 6	NE 6	7	7	.....
18..	64.03	63.69	17.6	18.6	86	79	NE 6	NE 6	7	7	.....
19..	63.79	62.15	15.6	19.4	87	68	NE 6	NE 6	7	7	.....
20..	63.05	61.29	17.8	23.2	84	56	NE 6	NE 6	7	7	.....
21..	62.31	60.86	18.8	23.6	73	65	NE 2	NE 4	7	7	.....
22..	63.38	62.13	19.4	24	77	61	NE 4	NE 6	7	3	.....
23..	62.86	61.16	19.8	25.4	67	53	NE 6	NE 4	7	3	.....
24..	63.65	61.86	19.6	24.4	70	60	NE 3	NE 4	3	3	.....
25..	62.77	61.69	19.2	26.8	73	58	NE 4	NE 4	3	3	.....
26..	61.72	60.85	21.6	27.4	72	60	Calm	N 2	3	3	.....
27..	61.53	61.22	22.4	27.8	84	67	Calm	NE 3	3	3	.....
28..	61.56	60.16	22	25.8	86	61	NE 3	NE 5	3	3	.....
Mean	61.51	60.44	20.5	24.7	79.2	65.4	3.9	4.5	6.1	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.9

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	61.65	60.78	20.4	25.6	74	70	NE 3	NE 6	7	7	.....
2..	62.77	61.79	21.8	25.4	86	63	NE 6	NE 6	7	5	.....
3..	64.20	62.35	20.6	24.8	83	62	NE 6	NE 6	7	3	.....
4..	63.11?	61.66	22	28.2	81	60	Calm	NW 3	3	3	.....
5..	62.19	60.56	22.8	28.8	74	58	NE 3	NE 3	3	3	.....
6..	61.83	59.91	21.2	27	72	64	NE 3	NE 4	3	3	.....
7..	61.75	59.82	21.2	26.4	68	63	NE 4	NE 6	3	3	.....
8..	60.83	58.80	21.2	29.4	77	59	NE 3	NE 3	5	3	.....
9..	59.23?	57.99	22.4	29.6	76	64	NE 3	NE 3	3	4	.....
10..	58.58?	58.05	24	30.4	80	61	Calm	NE 3	5	5	.....
11..	60.04	60.21	23.6	24.4	78	77	NE 4	NE 6	6	7	.....
12..	60.79	59.47	21	24.8	87	69	NE 6	NE 6	5	7	.....
13..	59.03	57.95	21	26.4	85	63	NE 6	NE 6	7	7	.....
14..	59.92	58.59	21.6	26.8	86	64	NE 4	NE 4	7	3	.....
15..	59.90	60.18	21.4	24.8	82	68	NE 4	NE 4	7	7	.....
16..	61.08	60.01	20.2	24.4	81	65	NE 4	NE 4	3	5	.....
17..	60.93	60.87	20.2	26.4	78	58	NE 4	NE 4	7	3	.....
18..	61.71	61.40	22.6	27.4	76	64	SE 2	N 3	7	3	.....
19..	61.59	60.99	22	27.6	76	62	Calm	NW 3	3	3	.....
20..	60.35	59.56	21.2	28	82	61	NE 3	N 3	3	3	.....
21..	59.90	58.71	21.6	27.4	84	66	SE 2	N 3	3	5	.....
22..	59.76	58.31	20	28.4	88	60	NE 3	NE 3	3	3	.....
23..	58.96	57.29	23.6	28.4	76	65	SSW 2	SSW 3	3	3	.....
24..	57.46	56.65	23.6	28.6	85	69	SE 2	SSW 3	5	7	.....
25..	58.01	57.68	24.4	29.6	74	64	SSW 3	SSW 4	3	3	.....
26..	59.89	59.21	25	28.2	90	68	Calm	NNE 3	7	7	.....
27..	60.51	58.80	23	27.6	88	68	NE 4	NE 4	3	3	.....
28..	59.58	58.29	23	29.6	88	59	NE 4	NW 3	6	3	.....
29..	59.58	59.13	25.6	30.2	85	61	SE 2	W 2	7	3	.....
30..	59.96	57.75	23.6	29	90	64	NE 3	NE 5	7	3	.....
31..	60.22	58.44	24.2	29.6	83	63	NE 2	NE 4	7	3	.....
Mean	60.49	59.39	22.4	27.5	81.1	63.9	3.1	4	5	4.2	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

APRIL.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1..	59.58	57.90	23	29.4	79	67	NE 3	NE 3	3	3	.....
2..	59.60	57.80	23.2	28.6	88	64	NE 3	NE 4	7	3	.....
3..	59.11	57.35	23	28.8	83	63	NE 4	NE 4	7	3	.....
4..	58.82	58.34	22.6	29.6	82	63	NE 3	N 3	3	3	.....
5..	58.81	58.77	23.8	29.4	81	61	Calm	NW 3	3	3	.....
6..	58.17	57.13	24.2	29.8	80	70	SE 3	SW 3	3	6	.....
7..	57.96	56.62	24	30.2	80	62	Calm	NW 3	3	3	.....
8..	57.85	57.12	23.8	29.4	88	63	NE 3	N 3	3	3	.....
9..	58.08	57.63	24	29.8	85	70	Calm	NW 3	3	3	.....
10..	59.05	58.35	24.2	29.2	88	68	Calm	NW 3	7	2	.....
11..	58.99	57.61	24.4	29.6	82	61	NE 3	NE 3	5	5	.....
12..	57.07	56.77	23.8	29.4	85	66	NE 4	NE 4	7	7	.....
13..	56.66	55.79	23.6	28.2	85	70	NE 4	NE 4	7	7	.....
14..	57.46	57.12	23.6	26.8	83	74	NNE 3	N 3	7	7	.....
15..	58.47	57.40	22.4	27	86	67	NE 4	NE 4	7	7	.....
16..	59.16	57.98	22.2	27.4	84	60	NE 4	NNE 4	7	7	.....
17..	59.29	58.41	21.8	27.4	86	60	NE 4	NNE 4	7	7	.....
18..	59.97	59.51	23.4	29.8	76	61	Calm	N 3	7	7	.....
19..	60.51	59.84	24.6	30.8	83	62	Calm	N 3	7	3	.....
20..	60.94	59.73	22.8	31	84	57	Calm	NE 2	3	3	.....
21..	59.71	59.30	24	30.2	85	69	Calm	N 3	3	3	.....
22..	59.09	58.58	24.6	30.2	87	66	SE 2	W 3	3	5	.....
23..	59.14	58.72	25.2	30.6	90	64	Calm	NW 3	7	3	.....
24..	60.61	58.83	25.8	31.6	82	61	Calm	N 3	3	3	.....
25..	60.86	59.51	25.6	32.2	78	65	Calm	N 3	7	3	.....
26..	58.96	58.26	25.8	32.2	81	60	SE 3	W 3	3	3	.....
27..	58.36	56.96	25.6	31	84	61	SE 3	N 3	7	5	.....
28..	58.11	56.91	25.8	31.2	84	61	Calm	NW 3	3	3	.....
29..	58.74	58.43	25.8	31.2	81	61	Calm	N 3	3	5	.....
30..	58.92	58.03	25	31.4	79	67	NE 3	N 3	3	3	.....
Mean	58.94	58.02	24.1	29.8	83.3	64.1	1.9	3.2	4.9	4.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0

CAPE BOJEADOR.

[ϕ=18° 31′ N; λ=120° 36′ E; barometer above sea, 93.9 meters; gravity correction not applied, −1.57 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	58.87	57.34	25.2	32.2	92	64	NE 3	NE 3	3	3	.....
2	58.16	56.93	25.8	31.8	90	64	Calm	NE 3	7	5	.....
3	58.23	57.64	26.4	30.6	82	65	Calm	N 3	5	3	.....
4	58.84	58.12	25.8	31.8	76	59	Calm	NW 3	5	3	.....
5	59.41	57.97	25.6	30.8	70	64	NE 3	NNE 4	3	3	.....
6	57.92	57.55	25.2	32.6	70	56	NE 4	W 3	3	3	.....
7	57.93	57.02	26.4	31.8	73	56	Calm	W 3	3	3	.....
8	56.14	55.69	25	30.8	82	68	Calm	SW 3	5	3	.....
9	56.08	55.71	25.6	31.4	85	67	SSE 3	SW 3	7	7	.....
10	56.98	57.52	26.4	31.8	76	62	Calm	NW 3	7	5	.....
11	58.12	57.94	25.4	30.8	77	69	NE 3	N 3	5	7	.....
12	58.07	58.28	26.8	31.8	71	65	Calm	W 3	7	6	.....
13	58.58	56.89	26.2	32.6	85	59	Calm	NNE 4	7	3	.....
14	59.04	58.09	25.6	33.2	78	62	Calm	W 3	6	3	.....
15	59.63	58.57	26.2	33.4	87	60	Calm	NW 3	7	7	.....
16	58.19	56.91	26.8	32.6	83	56	SE 3	WNW 3	6	5	.....
17	56.55	56.36	26.2	31.2	87	67	SE 3	SW 4	6	7	38.6
18	56.82	56.94	25.2	31.2	88	71	NE 3	N 3	3	3	.....
19	57.80	56.92	26.4	32.2	90	63	Calm	W 3	3	7	22.4
20	57.78	56.90	25.8	31.6	90	61	NE 3	NE 3	3	3	.....
21	56.98	56.28	26.2	31.4	85	68	Calm	WNW 3	6	7	.....
22	57.36	57.30	25.8	31.8	81	65	Calm	SW 3	3	5	.....
23	57.95	56.72	26.4	31.4	86	65	S	3 SW 3	5	5	.....
24	56.77	56.39	26.2	28.4	78	79	S	3 SSW 3	7	7	.....
25	56.75	55.50	26.2	31.6	79	65	S	3 SW 3	7	3	.....
26	56.53	56.90	27.2	31.6	71	67	S	3 SW 3	7	7	.....
27	57.37	56.27	27.6	31.8	81	65	SSE	3 SW 4	6	7	.....
28	57.53	56.68	27.2	31.4	80	71	S	4 SW 4	7	7	.....
29	57.01	57.30	27.4	29.4	83	79	SE	3 SSW 3	7	7	8.9
30	58.83?	57.87	26.4	30.8	90	74	Calm	SW 4	7	7	.....
31	57.94	58.33	26.8	30	81	67	S	3 SW 3	3	7	.....
Mean	57.75	57.12	26.2	31.5	81.5	65.3	1.7	3.2	5.4	5.1	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	69.9

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.45	58.20	26	31.6	87	63	SE 3	NW 3	3	3	.....
2	59.21	57.64	27	32.4	87	69	SE 3	N 3	3	3	.....
3	58.03	57.14	26.2	31.2	85	67	Calm	NNW 3	3	3	.....
4	57.34	56.50	26.6	31.6	90	67	Calm	NW 3	5	6	.....
5	56.69	55.76	26.6	31.4	84	68	S 4	W 3	6	6	.....
6	55.61	54.34	26.8	29.8	83	77	SE 2	NNE 3	6	7	.....
7	55.71	55.47	25.8	30.8	85	69	SE 3	SW 3	5	5	.....
8	57.33	57.03	26.4	31.2	89	73	Calm	SW 3	6	7	.....
9	58.23	57.76	27.2	32.6	80	62	Calm	NW 3	7	7	.....
10	57.94	56.78	26.6	30.4	83	74	S	3 SW 4	7	7	.....
11	56.08	55.68	27.2	27.4	81	91	SE	3 S 3	7	7	12.2
12	56.23	55.46	25.6	30.8	76	71	S	3 SW 4	3	3	16
13	57.43	57.48	26.4	31.4	78	71	S	4 SW 4	3	7	15
14	58.80	57.99	26.2	28.4	79	83	S	3 SW 4	6	7	.....
15	58.58	58.15	27	32.8	78	67	Calm	W 3	3	6	35.6
16	59.11	58.19	24.6	30.8	88	71	Calm	NNW 3	7	5	4.6
17	59.03	57.77	24.8	31.8	90	69	Calm	N 3	7	6	.....
18	58.15	57.89	26.4	30.8	86	77	Calm	NW 3	7	7	.....
19	59.22	58.95	26.6	31.8	89	71	Calm	W 3	7	6	.....
20	58.88	58.08	26.4	31.2	86	77	SE 3	W 3	6	7	.....
21	58.22	57.80	26.8	30.4	74	73	SW 3	NW 3	7	5	.....
22	57.13	57.16	27	31.2	86	67	Calm	WSW 3	3	3	4.8
23	57.11	56.93	27.2	28.6	87	79	Calm	W 3	3	7	.....
24	57.02	56.36	26.8	32	83	69	Calm	W 3	7	6	33.5
25	56.53	55.44	25.6	30.8	88	71	SE 3	SW 3	6	6	.8
26	55.27	54.37	26	31.8	90	66	Calm	NE 4	5	3	.....
27	53.85	52.28	27	31.4	80	72	NE 4	NNE 4	7	5	8.1
28	49.84	47.41	26.2	28	89	83	NNE 5	NNE 5	7	7	22.4
29	41.94	37.19	25.8	25.6	95	93	N 6	NNW 7	10	10	119.1
30	47.98	49.98	23.4	28.4	88	73	S 7	S 6	10	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56.40	55.57	26.3	30.6	84.8	72.8	2.1	3.5	5.7	5.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	272.1

JULY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.50	56.06	27	29.6	72?	77	Calm	SW 4	7	7	5.6
2	58.10	57.95	26.4	30.4	89	77	Calm	NW 3	7	7	.....
3	58.24	57.32	25	30.8	90	72	Calm	W 3	7	3	.....
4	56.29	55.55	25.4	30	85	70	SE 3	SW 3	7	3	.....
5	53.83	54.01	25.8	30.8	85	74	SE 3	SW 3	7	7	.....
6	54.18	53.33	25.6	27.2	92	94	Calm	N 3	7	7	6.6
7	54.60	53.72	26.2	30.2	92	77	SE 3	WSW 3	7	7	4.3
8	55.76	55.12	26.5	27.6	82	91	Calm	Calm 7	7	7	11.2
9	54.31	52.99	25.4	29.4	77	74	S	4 SSW 5	6	6	.....
10	52.22	51.86	26	28.2	85	77	SSW	5 SSW 5	7	7	34
11	52.19	52.04	25	26.4	97	92	SSW	4 SSW 4	10	10	35.5
12	52.61	52.81	26.6	28.4	90	83	SSW	5 SSW 5	7	7	17
13	53.18	52.78	27.2	28.6	87	83	SSW	5 SSW 5	7	10	2.3
14	54.26	53.69	25.4	27.8	95	89	SSW	5 SSW 5	10	10	1.5
15	53.74	53.57	26.8	26.4	90	92	SSW	5 SSW 5	10	10	22.6
16	54.01	53.91	26.6	26.8	89	89	SSW	5 SSW 6	10	10	38.9
17	54.75	54.80	24.8	27.2	95	87	SSW	6 SSW 6	10	10	24.9
18	55.21	54.45	25.2	27.2	95	84	SSW	6 SSW 6	10	7	5.3
19	55.44	54.73	26.4	28.6	92	83	SSW	6 SSW 6	7	7	18
20	55.22	54.82	24.8	26	95	94	SSW	6 SSW 6	10	10	46.7
21	55.21	54.19	25.2	24.2	88	93	SSW	6 SSW 6	10	10	143
22	54.11	53.45	24.2	27.4	95	78	S	4 S 4	10	7	16.5
23	54.15	53.94	23.8	27.8	95	89	SSW	5 SSW 5	10	7	67
24	53.91	54.04	25	27.8	88	84	SSW	4 SSW 4	7	7	.....
25	53.85	53.61	25.8	29.6	87	77	S	4 SSW 5	7	7	.....
26	54.58	54.36	25.6	26.8	82	87	SSW	5 SSW 4	7	10	33.8
27	54.65	54.24	24.8	26.4	88	84	S	4 SSW 4	10	10	33.8
28	53.23	51.69	23.6	23.8	95	97	S	4 S 5	10	10	118.8
29	53.35	53.71	23	25.2	91	85	S	5 S 5	10	10	.....
30	56.04	56.66?	26.2	29.8	75	78	S	4 NW 3	10	10	2
31	58.10	57.39	26.2	28.2	81	86	Calm	WNW 3	10	7	2
Mean	54.67	54.28	25.5	27.9	88.4	83.8	3.7	4.3	8.4	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	657.5

AUGUST.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	59.77	58.17	23.2	29.4	90	68	SE 3	SW 3	10	8	.....
2	58.14	58.68	24.2	24	86	95	S 3	Calm 10		10	50.8
3	58.12	57.04	23.4	25	93	83	Calm	S 4	10	10	25.9
4	57.14	57.01	25.2	27.2	79	77	S	4 SSW 4	8	8	.....
5	57.49	56.95	25.2	28.6	83	75	SSW	4 SW 4	5	3	.....
6	57.42	56.67	25.2	29.4	87	70	S	4 SW 5	7	3	.....
7	56.68	57.17	25.6	26.8	75	89	S	5 SW 5	3	7	.....
8	57.30	57.32	24.8	29.2	88	75	S	5 SW 5	3	5	.....
9	57.40	57.02	24.8	29.4	92	76	SSW	3 SW 4	8	7	.....
10	56.49	55.74	25.2	29.4	85	74	S	4 SW 4	5	6	.....
11	55.91	54.93	24.6	29.6	92	79	SSW	4 W 3	7	7	24.1
12	53	50.62	24	24.4	95	95	S	3 S 5	10	10	33.3
13	52.68	52.15	23.6	27.4	88	81	S	3 S 4	10	8	.....
14	54.41	54.73	25.4	28	71	80	S	3 Calm 10		8	.....
15	57.39	57.90	24.6	28.6	82	78	ESE	3 SW 3	8	7	.....
16	58.89	57.83	24.6	30	92	78	ENE	3 NW 3	3	3	.....
17	59.59	56.65	24.6	29.2	90	75	NE	3 NE 4	7	3	.....
18	57.05	55.76	24.8	29.6	92	75	NE	3 NNE 3	7	3	.....
19	56.22	56.02	24.8	28.8	93	80	SSW	3 WSW 3	7	7	3.3
20	56.53	56.60	24.4	28.8	90	85	SSE	3 SW 3	7	7	.....
21	57.60	57.09	24.2	29.4	90	84	ESE	3 W 3	3	7	.....
22	57.49	57.12	24.4	27.6	91	91	S	3 Calm 3		7	.....
23	57.38	56.38	24.8	29.8	90	73	Calm	N 3	7	5	.....
24	54.61	53	25	27.4	87	83	S	3 S 4	7	8	40.1
25	53.67	54.58	24.8	28.6	89	82	S	4 SW 4	10	7	.....
26	56.86	56.75	25.2	28.6	93	85	ESE	3 NE 3	8	10	9.7
27	57.36	56.68	24.6	27.4	93	87	NE	3 SW 3	7	10	7.1
28	55.90	55.57	23.8	27.8	91	84	ENE	3 W 3	7	7	.....
29	56.30	56.18	25.6	27.4	85	86	Calm	W 3	7	8	14.2
30	57.16	56.74	24.6	29.2	92	75	S	3 W 3	3	7	9.4
31	56.59	55.97	25.4	29	77	81	Calm	SW 3	7	7	.....
Mean	56.73	56.16	24.7	28.2	87.8	80.6	2.9	3.3	6.9	6.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	217.9

CAPE BOJEADOR.

[$\phi = 18°\ 31'$ N; $\lambda = 120°\ 36'$ E; barometer above sea, 93.9 meters; gravity correction not applied, —1.57 mm.]

SEPTEMBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	57.19	56.93	24.4	28.6	85	82	S 3	NW 3	7	7	35.1
2	57.99	57.08	23.6	28.8	93	79	S 3	SW 3	7	5	19.8
3	56.64	56.02	23.6	28.6	91	80	E 3	SW 3	7	7	7.1
4	54.96	54.01	23.6	29.2	88	79	NE 2	SW 3	7	7	5.6
5	52.87	51.80	24.8	28.8	93	83	SSE 3	NE 4	7	7	4.1
6	53.11	54.08	26.6	28.2	89	86	NNE 3	NW 3	7	7	.....
7	54.49	54.09	25.2	29	88	85	S 4	SW 4	7	7	11.7
8	54.24	54.32	25.4	29.2	90	82	SW 4	W 4	7	7	.....
9	54.72	54.84	26	29.4	89	85	WSW 4	W 4	7	7	.....
10	55.20	55.39	26.4	28.4	89	82	WSW 4	SW 4	7	7	47.5
11	55.67	55.15	24.8	25.8	93	93	S 4	SW 4	10	10	95
12	56.89	56.93	24.2	27.4	93	84	S 4	S 4	7	7	10.7
13	58.60	57.95	24	26	93	87	SW 4	SSW 4	10	8	4.8
14	58.23	58.80	24.4	25.6	95	93	S 4	SSE 3	10	10	37.3
15	58.70	58.60	23.8	23.4	88	95	SE 3	SE 3	10	10	26.2
16	58.01	58.25	24.4	26	87	94	Calm	SW 3	7	10	7.1
17	58.86	57.73	23.6	27.2	93	86	NE 3	SW 3	7	7	.....
18	58.73	57.60	24	28.8	86	80	S 3	SW 3	3	3	.....
19	58.87	59.07	25	29.4	83	76	S 3	SW 3	3	3	.....
20	59.14	57.87	25	29.4	87	78	Calm	NNE 3	3	3	.....
21	56.89	56.53	23.6	29.6	85	75	ESE 3	W 3	3	3	.....
22	57.18	56.27	24	30.4	90	73	E 3	NW 3	3	7	.....
23	56.93	56.77	24	29.4	83	76	E 3	NNE 3	3	7	.....
24	58.36	57.62	24	29.4	86	78	E 3	ENE 4	7	7	.....
25	59.99	58.76	24.6	29.8	88	78	ESE 3	NE 3	7	7	.....
26	60.39	58.80	24.4	30.2	90	74	Calm	NE 3	7	7	.....
27	59.79	58.78	24.4	31	90	79	NE 3	SW 3	5	7	26.7
28	59.05	57.82	24.2	29.2	85	83	E 3	NE 3	6	3	.....
29	57.33	55.64	23.4	29.2	80	79	ESE 3	NE 3	3	3	.....
30	56.09	55	25	27.6	93	84	NE 4	NE 4	7	7	6.6
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	57.20	56.62	24.5	28.4	88.8	82.3	3	3.3	6.4	6.6	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	345.3

OCTOBER.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	55.41	54.61	25.4	27	90	84	NNE 4	NE 4	7	7	5.1
2	54.82	53.60	24.8	25.6	93	93	NE 5	NE 5	7	8	14
3	53.07	52.53	26	27.4	89	83	NNE 5	NNW 5	10	10	.....
4	54.03	54.63	25.6	27.2	87	84	NW 5	NW 5	10	10	.....
5	56.85	57.74	24	26.6	88	86	S 4	SW 5	7	10	5.3
6	58.89	59.03	25	25.8	82	93	S 5	SSW 4	10	7	6.1
7	58.79	58.06	24.6	28.4	90	73	S 3	N 3	7	7	.....
8	58.53	57.76	23	28.4	88	83	ENE 3	ENE 4	3	3	.....
9	59.33	58.16	24	28.2	90	77	NE 4	NE 5	3	3	.....
10	59.50	58.09	24	28	86	71	NE 5	NE 5	3	3	.....
11	59.33	59.11	23.8	24.6	90	87	NE 5	NE 5	7	10	.....
12	59.40	58.78	23.8	27.4	85	71	NE 5	NE 5	7	3	.....
13	59.42	58.61	23.6	26.5	90	73	NE 5	NE 5	7	7	.....
14	58.68	57.12	24	26.6	83	74	NE 5	NE 5	7	7	5.1
15	55.95	53.51	24.4	25.4	93	92	NE 5	NE 5	10	10	8.6
16	50.09	51.46	24.8	28.4	92	79	NE 5	NE 5	10	7	.....
17	54.79	54.18	24.2	24.6	88	90	NE 4	NE 4	10	10	3.6
18	54.45	53.51	24.4	27.2	87	81	NE 4	ESE 3	8	8	.....
19	55.48	54.61	24.6	28.4	83	79	ENE 4	ENE 4	7	7	.....
20	57.26	56.74	24	28.2	88	80	SSE 3	ENE 3	7	7	.....
21	58.29	56.87	23.6	27.6	88	76	E 4	NE 4	7	3	14
22	55.16	51.53	25	27.2	93	86	NE 5	NE 5	7	10	49
23	51.27	54.03	24	24.6	91	95	S 6	S 6	10	10	9.7
24	55.86	56.39	25	24.2	87	95	S 6	S 6	7	10	13.7
25	56.43	56.58	22.8	25.4	93	87	S 6	Calm 10		10	.....
26	59.23	59.38	23.8	28.8	90	83	Calm	NE 4	3	3	.....
27	61.50	61.33	24.8	28.8	88	80	NE 4	NE 4	3	7	.....
28	61.46	60.89	24.6	28.4	83	76	NE 4	NE 4	3	3	.....
29	61.25	59.02	23.8	29	90	81	NE 4	NE 4	3	3	.....
30	60.17	59.03	24.2	28.6	93	78	Calm	NNW 3	3	3	.....
31	59.89	58.74	24.4	30.8	85	74	Calm	Calm	3	3	.....
Mean	57.24	56.63	24.3	27.2	88.5	82.1	4.1	4.2	6.6	6.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	134.2

NOVEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	60.26	59.31	24.6	29.8	90	77	Calm	NW 3	3	3	.....
2	59.79	58.92	23.6	29.2	90	75	ENE 3	NNW 3	3	3	.....
3	60.63	58.57	23.8	29.4	85	67	ESE 3	NE 4	3	3	.....
4	59.51	58.33	23	30.4	70	69	NE 3	NNE 3	3	3	.....
5	60.03	58.92	24	29.8	72	70	E 3	SW 3	7	3	.....
6	60.51	58.59	24	30.6	78	76	ESE 3	NE 4	3	3	.....
7	61.25	59.45	23.4	29	88	72	ENE 3	NE 4	3	3	.....
8	60.76	59.10	23	30.2	79	75	E 4	NE 4	3	5	.....
9	61.84	59.79	24.4	29.6	78	71	Calm	NE 3	3	3	.....
10	62.53	62.04	24	26.8	83	74	NE 4	NE 4	5	7	.....
11	62.34	60.61	24.4	28.2	68	68	NE 4	NE 4	3	3	.....
12	62	60.02	23.4	29.4	81	67	NE 4	NE 4	3	3	.....
13	61.75	60.04	23.8	30.8	78	57	NE 4	NE 3	5	3	.....
14	62.12	60.58	24.2	27.4	83	74	NE 4	NE 5	7	7	.....
15	63.11	60.56	24.4	27	82	78	NE 4	NE 5	7	3	.....
16	61.89	59.29	23.6	28	86	69	NE 5	NE 5	3	3	.....
17	60.82	59.92	22.6	27.8	73	73	NE 3	NE 5	3	3	.....
18	61.09	59.67	22.8	27.8	68	67	NE 3	NE 4	3	3	.....
19	61.05	59.98	21.8	27.4	80	70	NE 3	NE 3	3	3	4.6
20	61.71	61.30	22.6	24.8	95	87	NE 3	NE 4	10	7	9.1
21	60.41	59.62	22.2	26.2	91	85	Calm	SW 3	3	7	.....
22	60.77	59.72	24.2	27.8	78	76	SSE 3	NW 3	3	3	.....
23	60.47	59.93	23.2	24.8	93	88	NE 4	NE 4	3	7	.....
24	60.99	59.62	22.8	26	88	72	NE 4	NE 5	7	7	.....
25	59.58	59.06	23	28.2	84	72	NE 3	N 3	7	5	.....
26	59.55	58.99	23.8	28.4	85	73	S 3	SW 3	7	3	.....
27	61.16	60.12	23.5	26.6	87	86	SE 3	Calm	7	7	.....
28	60.56	60.59	23.6	25	93	85	NE 4	NE 4	7	7	.....
29	61.06	60.93	23.6	25.8	90	76	NE 4	NE 4	7	7	.....
30	61.07	61.08	23.2	27.2	86	65	NE 5	NE 5	7	7	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	61.02	59.82	23.5	28	82.7	73.8	3.2	3.7	4.7	4.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13.7

DECEMBER.

	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.41	59.98	22	26.2	86	76	NE 3	NE 3	3	3	.....
2	61.11	59.65	23	26.4	96	77	NE 4	NE 4	7	3	.....
3	61.98	59.96	23	27.4	81	66	NE 4	NE 4	3	3	.....
4	60.92	59.27	21.6	27.8	70	63	NE 4	NE 4	7	7	.....
5	60.88	59.28	23	30	71	56	Calm	NE 3	7	3	.....
6	62.26	60.90	24	29.4	85	59	Calm	NE 3	3	3	.....
7	62.60	60.77	24.2	28.2	80	61	Calm	NE 3	7	3	.....
8	61.56	61.09	21.4	28.2	75	60	Calm	NE 3	7	3	.....
9	61.86	59.28	22	28.6	77	68	NE 3	NE 4	7	3	.....
10	61.36	60.13	23	28.8	84	75	NE 3	NE 3	7	3	.....
11	60.88	59.55	24	27.8	83	76	Calm	NNE 3	3	3	.....
12	60.69	59.32	22	26.8	87	68	Calm	NE 3	6	3	.....
13	60.05	58.91	21.6	27.4	70	64	NE 3	NE 3	6	3	.....
14	60.97	58.98	22.6	28.8	73	69	Calm	NE 3	3	3	.....
15	60.45	59.35	23.2	27.6	85	74	Calm	NE 3	3	3	.....
16	60.25	60.56	24.8	29.6	83	72	Calm	NNW 3	3	3	.....
17	61.72	60.33	23.6	29.6	91	69	Calm	W 3	5	3	.....
18	61.84	59.93	22.2	28.6	88	68	Calm	NW 3	6	6	.....
19	61.83	60.72	23.4	29	70	63	Calm	NE 3	7	3	.....
20	61.47	59.90	22.6	27.8	76	66	Calm	NE 3	7	7	.....
21	61.23	59.61	23.2	29.8	80	63	E 3	NNE 3	7	6	.....
22	60.84	60.35?	23.6	28.8	69	67	Calm	W 3	5	5	.....
23	60.54	58.97	21.6	27.6	87	58	NW 3	NE 3	5	3	.....
24	60.04	59.07?	23.6	26.6	76	68	NE 3	NE 4	3	3	.....
25	60.38	59.17?	23	25.4	91	84	NE 4	NE 4	7	7	.....
26	58.30	.....	23.4	26.2	90	81	NE 5	NE 5	7	7	.....
27	59.44	57.61	24.2	28.4	77	73	NE 4	NE 5	6	6	.....
28	61.74	61.34	22.6	22.6	89	91	NE 4	NE 5	7	7	6.1
29	62.58	61.61	21.4	22.6	93	89	NE 5	NE 5	7	7	.....
30	62.76	61.53	21.4	24.6	89	82	NE 5	NE 4	7	7	.....
31	61.78	60.25	21.4	26	89	67	NE 4	NE 4	7	3	.....
Mean	61.15	59.91	22.8	27.5	82	70.1	2.1	3.5	5.6	4.3	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.1

BASCO.

[$\phi = 20°\ 28'$ N; $\lambda = 121°\ 59'$ E; barometer above sea, 18.7 meters; gravity correction not applied, −1.49 mm.]

JANUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	62.21	60.81	18.2	21.9	80	63	ENE 2	Calm	10	10	.....
2	62.62	62.61	19.4	20.8	79	70	NEbyE 3	NNE 5	9	10	9.1
3	65.02	63.47	17	17.7	74	70	NEbyN 6	NEbyN 6	10	10	2.7
4	64.02	62.62	17.6	21	74	65	NE 4	NEbyE 4	10	9	.....
5	63.34	62.72	18.6	19.7	86	78	ENE 4	NNE 5	9	10	3.4
6	64.79	63.72	18	19.4	86	69	NNE 5	NNE 5	10	10	10.2
7	64.84	64.87	17.3	18.7	77	72	NNE 6	N 6	10	10	1.5
8	67.44	67	15.1	16.3	67	62	NE 6	NE 5	10	9	4.3
9	66.47	65.47	15	16	70	75	NE 5	NE 5	10	8	5.1
10	64.74	63.82	17	20.2	72	62	NEbyE 5	NEbyE 4	10	9	.5
11	63.89	63.11	17.4	21.5	76	64	ENE 3	ENE 3	10	9	.5
12	63.32	61.98	19.6	22.7	83	69	ENE 1	ENE 3	9	10	1.3
13	62.82	61.94	20	19.2	81	85	N 4	N 5	10	10	1
14	64.29	63.56	17.9	19.6	81	69	NNE 5	NE 5	10	8	.1
15	64.32	63.94	17	18.4	80	71	NNE 5	NNE 5	10	10	.....
16	64.07	63.06	18.2	20.3	72	62	ENE 3	ENE 4	9	10	1.1
17	63.59	62.16	18.2	19.4	70	65	NE 4	NE 4	10	10	4.5
18	62.35	61.24	18.6	20.1	82	77	ENE 2	NE 3	10	9	4.6
19	62.52	61.26	18	19	90	86	N 3	N 5	10	10	36.4
20	64.68	63.94	17.4	18.2	70	66	NEbyN 6	NEbyN 5	8	8	.....
21	65.44	63.09	15.8	18.8	73	56	NE 4	EbyN 3	4	5	2.8
22	63.44	62.82	17.6	21.1	74	58	ENE 3	ENE 3	7	6	.....
23	63.39	62.53	18.7	19.1	72	74	N 5	NNE 4	8	10	2.8
24	62.60	61.93	18.7	20.1	65	60	NEbyE 6	ENE 5	10	9	.7
25	62.59	62.56	18.4	19.6	71	63	NE 5	NNE 6	10	7	10.9
26	64.94	63.01	17	19.6	73	58	NE 5	ENE 4	7	7	.....
27	63.01	61.44	17.4	22.6	76	52	Calm	EbyN 3	1	4	4.8
28	62.66	60.89	17.8	19.6	82	72	NNE 5	NNE 4	8	10	4
29	61.91	61.02	18.5	18.1	72	76	NE 4	NEbyE 5	10	10	8.6
30	62.11	61.31	17.1	17.7	86	77	NE 4	NNE 5	10	10	8.1
31	64.09	63.29	17.5	18.8	69	61	NNE 5	NE 4	10	10	.....
Mean	63.82	62.81	17.7	19.5	76.2	68	4.1	4.3	9	8.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	129

FEBRUARY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	64.02	62.79	18.8	22.4	70	55	ENE 3	E 4	8	5	3.4
2	62.72	61.11	19.8	22.6	89	74	EbyN 4	E 4	10	10	.5
3	61.53	59.02	21.2	26.1	87	71	ESE 3	ESE 5	7	5	.....
4	58.83	56.76	22	25.6	91	79	SE 3	SSE 3	6	8	1.8
5	58.36	56.31	21.4	25.6	91	73	WNW 1	W 3	9	7	.7
6	59.16	58.15	21.3	23.7	74	65	N 4	N 4	10	7	.2
7	60.44	60.10	20	21.4	69	62	NEbyN 5	NE 5	9	8	.8
8	62.11	61.59	20.4	23.1	69	58	NE 4	ENE 4	5	7	.7
9	63.80	63.27	20.4	22.6	76	66	NE 4	ENE 4	5	7	.....
10	64.60	62.70	21	23.7	73	60	ENE 3	ENE 4	7	7	.....
11	63.67	63.03	21.4	23.1	75	66	ENE 4	NE 3	7	8	.7
12	63.77	63.25	20.6	22.6	76	73	NEbyE 4	EbyN 3	10	9	4.6
13	62.73	61.43	20	22	81	72	E 3	E 3	10	10	24.4
14	61.31	59.46	19	22	90	82	ENE 3	E 3	10	10	18
15	61.44	61.05	20.1	20	91	91	NNE 3	NEbyN 3	10	10	23.4
16	64.92	64.06	19	19.6	73	63	NEbyN 6	NE 6	10	10	1.3
17	65.22	64.23	18.6	21.1	71	64	ENE 4	ENE 2	5	5	21.8
18	66.89	65.27	16.8	17.4	77	74	NNE 6	NNE 6	10	10	3.5
19	65.59	64.23	17	18.9	80	69	NE 5	NE 5	8	7	.....
20	64.88	62.84	18.8	22.6	73	56	ENE 3	EbyN 3	4	4	.....
21	64.14	62.93	18.4	23.7	73	53	E 3	ESE 4	4	4	.....
22	64.77	63.42	18.4	21.7	69	60	ENE 1	NE 3	4	5	.....
23	64.92	63.39	19	20.7	77	72	NE 3	ENE 3	6	9	3.2
24	65.47	63.65	19.6	24.1	74	54	ENE 3	ENE 3	3	2	.....
25	64.28?	63.28	19.4	24.2	70	53	EbyN 3	ENE 3	4	3	.....
26	62.45?	61.59	20.6	25.8	78	64	E 3	ESE 3	2	4	.....
27	62.70	62.10	21.6	25.6	77	70	SE 1	SE 3	3	6	1.4
28	63.08	62.17	21.7	23.8	78	67	NE 3	ENE 4	10	4	1.4
29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	63.14	61.90	19.9	22.7	77.6	66.6	3.4	3.7	7	6.8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111.8

MARCH.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	62.82	62.19	21	21.3	85	92	NE 2	NE 3	10	10	44.6
2	65.18	64.53	19	20.6	76	73	NEbyN 5	ENE 4	10	7	14.7
3	66.87	64.92	19.2	23.4	87	58	ENE 3	ENE 3	9	1	.....
4	64.76	62.85	21	26.2	78	67	ENE 3	EbyN 3	9	3	.....
5	63.73	62.84	21.8	26	89	72	E 4	E 4	9	7	.....
6	63.92	62.97	21.4	26.2	82	62	E 3	EbyN 3	7	3	.....
7	63.81	62.17	21.8	26.3	77	61	ENE 3	ENE 3	3	1	.....
8	62.16	60.42	22	27.6	82	63	EbyN 3	EbyN 3	4	5	.....
9	60.79	59.99	22.1	27.9	83	63	ESE 1	ESE 3	8	5	.....
10	61.07	60.47	22.6	28	86	68	ESE 3	SEbyE 3	4	6	8.1
11	61.68	62.09	20.4	19.6	89	89	NNE 5	NE 5	9	10	20.3
12	62.14	61.56	19.2	21.1	81	77	NE 4	NEbyE 5	9	10	.2
13	61.29	60.50	20.4	23.5	81	71	ENE 3	ENE 4	8	10	.2
14	60.89	59.39	21.1	22	85	88	ENE 2	EbyN 3	10	10	15.9
15	59.73	60.18	20.4	22.6	82	69	N 5	NNE 4	9	4	1.3
16	61.16	61.37	19	21.1	89	81	NE 3	ENE 4	10	8	.....
17	62.47	62.25	19.4	22.1	83	67	ENE 3	ESE 3	0	3	.....
18	62.31	61.43	20	25.2	83	80	ENE 3	ESE 3	3	5	.....
19	61.45	60.52	21.1	26.2	81	73	ESE 2	ESE 3	1	4	.....
20	60.04	59.12	21.8	27.1	91	72	SE 3	SE 3	2	6	.....
21	59.05	57.85	22	27.1	91	70	SE 1	SSE 3	5	7	.....
22	59.76	59.32	18.7	25.1	87	69	Calm	NE 4	0	4	.....
23	59.44	57.41	21.1	26.6	86	67	ESE 3	ESE 4	4	5	.....
24	56.92	55.73	23.6	29.5	86	61	SEbyS 4	SSE 4	4	0	.....
25	56.79	56.23	23.5	28.1	91	77	SSW 2	SWbyS 3	1	7	.....
26	59.55	59.99	22	22.3	82	76	NE 4	NE 4	8	9	.....
27	62.45	61.37	20.4	22.9	80	67	NE 2	ENE 3	10	9	.....
28	61.25	59.63	21	25.3	82	66	ESE 3	EbyS 4	5	4	.....
29	59.97	59.01	22.7	27.7	85	67	ESE 3	ESE 4	7	3	.....
30	60.35	60.85	22.1	22.6	88	82	Calm	NE 5	1	9	2
31	62.05	60.72	22.1	25.7	88	67	NE 4	ENE 3	9	7	1
Mean	61.48	60.64	21.1	24.7	84.4	71.5	2.9	3.5	6.1	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108.3

APRIL.[a]

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	*mm.*	*°C.*	*°C.*	*P.ct.*	*P.ct.*			*0–10*	*0–10*	*mm.*
1	61.39	59.91	22.6	26.2	91	72	NE 4	E 3	10	8	1.5
2	60.82	59.98	22.3	24.4	88	78	NNE 3	NE 4	4	9	.....
3	60.37	59.47	22.5	25.2	78	65	NNE 4	NEbyN 5	9	8	.....
4	60.30	59.36	22.2	25.6	81	78	E 3	EbyN 3	8	7	.....
5	59.69	59.08	23.3	28.2	77	63	EbyN 3	EbyN 3	8	6	.....
6	58.73	57.18	23.9	27.1	77	65	ESE 4	ESE 4	9	8	.....
7	57.36	56.22	23.7	29.7	84	65	E 3	SEbyS 3	6	6	.....
8	57.32	56.44	24.2	30.1	83	67	SE 3	SE 3	7	5	.....
9	57.96	56.80	24.3	29.4	82	67	ESE 3	ESE 3	3	5	.....
10	58.33	56.45	24.6	29.1	83	70	SE 3	SSW 3	2	0	.....
11	59.08	58.38	23.8	26.3	86	74	N 3	N 4	3	7	.4
12	58.34	57.61	22.9	26.5	85	70	NE 4	NE 3	8	8	3
13	57.39	56.40	23.6	25	83	81	NEbyN 4	NEbyN 4	10	8	2.8
14	56.98	56.80	23.5	22.8	80	85	NNE 4	N 4	5	10	1.2
15	59.18	58.14	21.4	23.6	82	67	NNE 4	NE 4	10	8	.....
16	59.23	58.28	21.8	25.3	75	63	NNE 4	NNE 4	9	5	.....
17	60.16	59.21	20.6	25.6	76	56	Calm	NNE 4	2	4	.....
18	61.03	60.61	20.8	24.5	78	68	Calm	E 3	3	9	.....
19	61.32	60.78	23.6	26.8	76	68	E 3	E 3	10	6	.....
20	60.91	60.30	23.6	28.1	83	63	E 3	E 3	4	5	.....
21	60.18	59.48	24.5	27.9	82	69	ESE 3	ESE 3	5	4	.....
22	58.74	57.95	25	29.5	87	69	ESE 3	ESE 4	8	5	.....
23	59	59	25.6	29.8	88	73	SEbyE 4	SE 4	4	6	.....
24	61.23	60.65	25.6	30.2	88	70	ESE 3	ESE 4	6	5	.....
25	61.59	59.56	24.8	28.6	79	66	E 3	ESE 4	4	7	.....
26	58.70	58.09	25.4	30.1	85	69	SE 3	SE 4	7	5	.....
27	57.75	56.80	25.4	30.4	85	66	SE 4	SE 4	7	5	.6
28	57.50	56.26	25.8	31.1	88	66	SEbyS 3	SbyE 3	6	5	.....
29	57.78	57.99	25.6	30.9	89	65	ESE 2	ESE 4	1	0	.....
30	59.52	58.12	25.4	31.6	85	63	ESE 1	ESE 3	2	4	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	59.26	58.38	23.7	27.7	82.8	68.7	3	3.6	6	5.9	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.5

[a] The rainfall of the 26th in the "Monthly Bulletin" (0.6 mm.) page 72, belongs to the 27th.

BASCO.

[ϕ=20° 28′ N; λ=121° 59′ E; barometer above sea, 18.7 meters; gravity correction not applied, —1.49 mm.]

MAY.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	59.43	58.50	25.1	30.6	81	62	ESE 1	ESE 3	1	6	.....
2	59.23	58.20	25.2	30.3	79	57	E 3	E 3	7	5	.....
3	58.77	57.78	25.6	30.3	79	63	EbyS 3	EbyS 4	4	4	.....
4	58.40	57.50	26.4	31.8	84	66	SE 3	SSE 4	7	3	0.6
5	59.72	59.92	24.6	24.3	87	88	N 4	N 4	9	10	5.8
6	59.45	57.90	25.2	29.5	82	66	EbyN 3	sEbys 3	7	8	2.1
7	58.17	56.45	25.6	31.1	87	69	ESE 3	ESE 3	7	5	1
8	56.37	55.12	25.4	30.6	88	72	ESE 3	sEbyE 3	8	6	1.7
9	54.95	54.70	25.7	30.3	86	70	SbyW 1	SW 3	3	4	.....
10	56.47	57.20	25	28.6	85	73	WSW 2	N 3	6	4	1.3
11	58.86	57.68	24.6	29.1	91	70	N 3	E 3	8	9	.....
12	58.37	57.60	26.6	32.2	86	63	SE 3	SE 3	8	4	.....
13	58.92	58.78	25.5	31.6	89	62	Calm	E 3	5	5	.....
14	60.30	59.25	25.4	29.4	89	70	ENE 2	EbyN 4	4	8	.....
15	59.50	58.09	25.4	30.7	91	69	E 1	SE 3	8	8	.....
16	58.25	56.67	26.7	30.4	86	69	sEbys 2	sEbys 3	5	9	.....
17	56.20	55.93	26.5	32.3	88	64	SE 3	SE 3	2	2	.....
18	56.94	56.98	26.4	32.5	89	63	SE 1	SE 3	2	2	.....
19	57.50	56.88	27	32.6	84	61	SE 3	sEbyE 3	3	2	.....
20	58.17	57.34	25.5	32.2	87	57	Calm	NE 1	1	5	9.1
21	57.46	56.28	25.8	31.6	88	66	Calm	ESE 3	7	4	.....
22	57.20	56.98	25.4	32.6	88	61	sEbys 1	SSE 3	5	2	.....
23	56.57	55.09	25.6	30.7	87	71	SSE 1	swbyw 3	7	8	.8
24	54.62	54.36	27	31.6	84	65	W 4	W 4	5	6	.....
25	54.95	54.19	25.6	30.4	89	70	WNW 1	WbyS 3	4	7	.....
26	55.31	55.86	26.6	31.3	89	64	swbys 3	swbys 4	7	7	.....
27	56.12	55.46	26.8	31.1	87	69	SSW 2	SW 3	8	8	.....
28	56.05	55.24	27.4	31.5	84	74	SW 1	SW 3	9	7	.....
29	56.43	56.08	27.8	32.5	82	71	WSW 2	SSW 3	7	7	4.7
30	57.28	57.03	26.6	30.4	86	70	SE 1	ESE 3	8	6	.....
31	57.21	56.76	27.2	31.7	82	70	S 2	SW 3	3	5	.....
Mean	57.52	56.83	26	30.8	85.9	67.3	2	3.1	5.6	5.7	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	27.1

JUNE.

Day.	Pressure, 700 mm.+ 6 a. m.	Pressure, 700 mm.+ 2 p. m.	Temperature. 6 a. m.	Temperature. 2 p. m.	Relative humidity. 6 a. m.	Relative humidity. 2 p. m.	Wind, direction and force (0-12). 6 a. m.	Wind, direction and force (0-12). 2 p. m.	Cloudiness. 6 a. m.	Cloudiness. 2 p. m.	Rain in 24 hours beginning 6 a. m.
	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	58.75	57.87	26.6	32.8	86	65	Calm	SE 3	0	3	.....
2	58.70	57.58	27	32.6	84	62	SE 1	SE 3	1	1	0.8
3	57.79	56.83	26.8	32.2	86	63	Calm	SE 3	1	5	4.4
4	57.35	56.18	27.1	31.9	85	63	sEbyE 2	SE 4	8	7	.....
5	56.15	55.24	27.6	30.2	81	73	SSE 1	SSW 3	6	8	.....
6	55.15	54.36	27.4	32.8	83	61	S 2	sEbyE 3	8	5	.....
7	56.12	55.36	27.2	33	87	64	SE 3	SE 4	7	7	.....
8	57.41	57.13	27.6	32.9	82	63	SE 4	sEbyE 4	3	4	.....
9	57.96	57.72	27.8	33.1	86	61	SE 3	sEbyS 3	4	2	.7
10	57.51	56.81	27.6	32.3	87	67	SSE 3	SSE 3	5	8	.....
11	55.92	54.70	27.6	31.2	86	72	sEbys 3	SE 3	7	7	.....
12	56.68	55.28	27.4	32.2	89	69	Calm	SSE 3	9	4	.....
13	56.98	56.98	27	33.5	87	65	SE 1	SE 3	7	5	8.1
14	58.28	57.15	27.1	32.2	87	70	SE 2	sEbys 3	4	6	.1
15	57.75	57.40	26.6	33	87	64	Calm	SbyW 3	0	5	.....
16	58.40	57.26	26.8	33.6	89	61	SE 1	SSE 3	3	5	.....
17	57.75	57.57	26.6	33.6	90	61	Calm	S 2	6	5	.5
18	57.48	57.47	26.5	33.4	91	62	ESE 2	SE 3	5	4	.....
19	58.46	58.31	27	33.8	89	60	sEbys 3	sEbys 3	5	4	.....
20	58.56	58.10	27.1	33.4	87	65	SE 3	SE 3	5	7	.....
21	57.70	57.41	28	33.7	82	61	SSE 2	SE 3	7	6	.....
22	56.58	55.57	27.8	33.6	80	60	sEbys 3	sEbys 4	8	5	.....
23	56.76	56.35	27.4	33.8	84	61	SE 3	SE 4	4	3	.....
24	56.53	55.53	27.3	32.2	88	66	SE 2	SE 3	4	6	.....
25	55.85	55.01	27.6	33.6	81	58	SE 2	SE 3	3	5	.....
26	55.18	55.06	24.8	33.8	89	60	Calm	E 3	2	4	2.3
27	54.06	53.20	27.5	31.1	83	71	NEbyE 3	NEbyE 4	5	7	13
28	50.57	48.12	27.4	30	86	77	NE 5	NEbyN 5	5	7	31.8
29	42.07	37.92	27.4	28.1	81	84	NE 4	E 6	10	10	88.7
30	45.62	50.38	25.6	27.6	87	83	SSE 5	S 3	10	10	.5
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	56	55.33	27.1	32.4	85.7	65.7	2.1	3.3	5.1	5.5	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	150.9

NOVEMBER.

	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	63.12	62.02	21.7	23.2	94	94	NE 2	ENE 1	9	10	.....
17	61.72	61.32	20.5	22.2	95	94	NE 1	ESE 1	7	5	.....
18	62.24	60.99	20.6	22.5	94	91	NE 2	N 2	8	10	54.5
19	62.22	60.78	21.8	23.4	95	88	ENE 2	ENE 2	10	10	44.7
20	63.19	63.07	22	23	87	84	NE 2	NE 2	10	10	4.1
21	62.52	59.79	24.5	26.8	79	82	ESE 3	ESE 2	9	8	.....
22	59.86	59.69	22.6	23.8	97	87	Calm	NE 3	2	10	12.3
23	62.29	60.11	23.6	22.5	80	85	NNE 3	NNE 3	10	10	32
24	62.09	62.04	22.8	24.2	72	70	NE 2	E 2	9	9	2.1
25	61.39	60.29	23.7	24.5	81	89	E 2	ESE 2	7	10	7.2
26	58.61	58.12	24.8	27	90	83	SE 2	SE 2	6	7	1.5
27	60.01	59.84	23.6	24.2	90	81	NNE 3	NNE 3	6	5	11.4
28	61.71	61.04	23.2	25.6	90	78	N 2	NE 3	9	7	9.9
29	62.93	62.64	24.1	24	80	81	NE 3	ENE 2	8	7	.....
30	63.17	62.25	23.5	26.2	94	78	E 1	ESE 2	2	2	.....
31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mean	61.80	60.93	22.9	24.2	87.9	84.3	2	2.1	7.5	8	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DECEMBER.

	mm.	mm.	°C.	°C.	P.ct.	P.ct.			0–10	0–10	mm.
1	62.17	61.18	23.4	24.5	90	82	N 1	ENE 2	5	8	17.6
2	61.77	60.95	22.2	25.5	96	76	Calm	NE 2	10	7	3
3	62.59	62.30	24.5	26.2	71	79	ESE 3	ESE 3	7	9	.....
4	62.14	62.25	23.4	27.7	84	72	Calm	ESE 2	7	6	.8
5	62.59	62.95	21.4	25.5	87	61	Calm	ENE 2	3	7	5.1
6	63.27	62.61	24	28.3	79	67	ESE 3	ESE 2	10	5	.....
7	63.69	62.65	21.4	27.7	87	64	Calm	ESE 2	2	4	.....
8	63.24	62.22	23.5	26.8	83	71	E 1	ESE 2	9	8	5.1
9	62.97	61.45	23.2	26.2	98	79	Calm	ENE 2	9	8	2.5
10	62.02	60.20	25	29	86	72	sEbyE 2	SE 2	7	5	2
11	60.08	59.22	24.8	29.5	88	64	SSE 2	S 2	2	1	.....
12	60.45	60.52	23	25.2	97	82	Calm	ENE 3	9	9	3.6
13	61.40	60.42	21.5	28.4	94	70	Calm	SE 2	4	4	.....
14	61.19	60.76	20.6	28.5	95	67	Calm	E 3	3	10	13.2
15	62.03	61.27	23	27.4	96	73	Calm	E 2	3	3	.....
16	61.77	61.32	24.1	27.8	87	73	SE 2	SE 3	4	5	.....
17	61.86	61.62	25	27.6	87	73	SE 3	ESE 3	5	4	.....
18	63.06	61.68	24.3	27.6	85	71	ESE 2	ESE 2	6	5	.5
19	63.24	62.88	24	27.4	80	74	ESE 2	ESE 3	5	4	.5
20	63.54	62.12	24	27.1	83	69	Ebys 2	ESE 3	5	5	7.6
21	62.88	61.32	24.5	26.8	81	77	ESE 3	ESE 2	4	5	2.8
22	61.36	60.22	23.4	28.5	81	67	ESE 1	SE 2	2	1	4
23	60.66	60.92	18.7	26.7	96	68	Calm	NNE 2	0	8	27.7
24	61.49	60.83	21.6	22.8	96	90	NE 3	NE 3	9	6	2.8
25	61.49	60.26	23.5	24.9	76	76	NE 2	NEbyE 2	9	9	3.6
26	60.53	59.89	24.4	24.6	76	82	NE 4	NE 2	10	10	9.4
27	60.41	59.89	24.3	26.8	86	78	NE 3	ENE 2	10	6	35.6
28	62.77	62.22	20.7	22.8	94	83	NNE 4	NNE 4	10	10	17.3
29	64.87	63.72	19.7	21.6	98	69	NNE 5	NE 4	10	8	8
30	64.04	63.62	20.5	20.6	91	92	NE 3	NE 1	10	10	19.1
31	63.92	62.99	20.9	25.4	90	69	NE 2	E 2	9	4	.....
Mean	62.24	61.50	22.9	26.3	87.7	73.9	1.7	2.4	6.4	6.4	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187.8

NOTE: This station was temporarily closed from July 1 to November 15.

ANNUAL SUMMARIES FOR FIRST AND SECOND CLASS STATIONS, 1918.

ZAMBOANGA.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.[a]	Average hourly velocity.
	mm.	°C.	°C.		°C.		*P.ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	757.89	25.8	32.8	8	21.6	7	82.7	143.2	32	16	8.2	45	39	17	10	8	9	22	12	24	4,704.3	151.8	6.3
February	58.75	25.4	31.6	8	20.2	24	82.8	55.8	16.3	3	8.1	44	32	18	11	10	7	26	3	17	4,037.9	144.2	6
March	59.22	25.6	31.7	23	20.2	15	83.4	79.9	26.9	27	6.4	52	20	9	13	12	12	49	6	13	5,977.2	192.8	8
April	58.28	25.8	32	29	20.5	13	83.3	98.3	30.2	3	6.5	51	26	5	13	6	16	42	10	11	5,391.8	179.7	7.5
May	58.14	26.1	32.4	16	22.2	16	84	84.8	18.5	6	6.9	65	16	11	17	8	12	35	11	11	5,426.6	175.1	7.3
June	58.42	26	31.2	1	21.8	17	83.1	136.7	34.6	18	8.4	38	13	6	18	0	30	40	26	9	7,297.6	243.3	10.1
July	58.83	26.7	31.2	17	22	22	82.1	86.3	51.1	5	6.7	41	23	9	31	4	23	31	13	11	6,812	219.7	9.2
August	59.56	26.1	30.8	25	21.5	19, 20	82.5	65.5	17.5	19	7.2	24	1	0	17	3	19	59	12	51	5,479.3	176.8	7.4
September	59.80	26.4	30.5	5, 10, 12	22.2	3, 29	83.5	92.1	23.6	29	7.4	6	2	4	14	5	20	42	15	72	5,505	183.5	7.6
October	59.16	26.4	32.4	27	21	2	84.8	129.4	31	27	7.3	11	2	5	19	4	17	45	13	70	5,325.3	171.8	7.2
November	58.94	26.4	33.1	28	22.4	22	83.7	63	16.3	9	5.9	16	2	13	17	4	16	26	2	84	3,798.7	126.6	5.3
December	59.02	25.8	33.3	1	20	27	81.7	33.2	14.2	5	6.4	39	19	17	10	4	9	43	12	33	5,244.2	169.2	7
Year	758.83	26	33.3		20		83.1	1,068.2	51.1		7.1	432	195	114	190	68	190	460	135	406	64,999.9	177.9	7.4

SURIGAO.

January	758.32	24.5	29.8	2	21	19	91.9	1,183.9	153.9	7	9.5	39	43	15	6	10	17	4	27	25	5,828.7	188	7.8
February	59.43	25	31.2	7	20.9	23	86.1	415.5	103.6	10	8.4	59	37	16	4	8	8	5	10	21	6,211.9	221.9	9.2
March	59.47	25.1	31.3	13, 15	20.9	2, 28	86.8	680	161.9	2	8	23	31	23	9	24	20	9	13	34	4,991.1	161	6.7
April	58.31	25.8	31.8	27	21.3	15	85.5	215.7	44.5	21	7.3	21	29	28	11	20	31	10	4	26	4,813.9	160.5	6.7
May	58.09	26.4	33.1	29	21.9	24	84.3	225	87.4	11	5.7	24	28	32	15	23	16	7	5	36	3,875.7	125	5.2
June	57.71	26.4	33	16	22.4	3	82.3	181.7	57.9	6	7.8	18	14	12	7	37	47	14	13	18	4,943.2	164.8	6.9
July	57.54	27.9	34.2	12	23	31	70.6	37.6	12.7	2	7.1	5	2	0	1	19	94	34	6	25	6,785.7	218.9	9.1
August	58.29	27.4	33.3	12	22.8	8	75.9	150.9	61.2	27	8.1	4	0	2	0	12	99	49	5	15	6,385.4	206	8.6
September	58.42	27.8	33.1	10	22.8	17	74.5	78.1	36.1	27	6.9	1	0	1	2	6	78	46	7	39	6,738.4	224.6	9.4
October	58.36	27.2	33.3	17	23.2	14	80.9	333.7	76.7	19	7.2	8	14	12	6	6	45	35	3	57	.....	207.5	8.6
November	59.34	26	31.3	7	22.3	18, 21	87.4	461.7	86.1	3	6.8	6	48	37	13	6	0	1	7	62	5,956.5	198.6	8.3
December	59.21	25.7	31	26	21.4	28	85	687.1	136.8	16	8.2	8	57	27	7	10	3	12	6	56	7,129.5	230	9.6
Year	758.54	26.3	34.2		20.9		82.6	4,650.9	161.9		7.6	216	303	205	81	181	458	226	106	414	.....	192.2	8

CEBU.

January	758.57	25.3	30.5	2	22	26	79.3	223.8	59.1	30	7.3	119	44	2	1	1	3	3	6	7	11,734	378.5	15.8
February	59.48	25.8	30.8	5, 26	20.8	13	74.8	98.5	26.4	11	6.4	90	65	2	1	0	1	0	0	9	9,660.8	345	14.4
March	59.58	26.2	31	26	22	18	76.1	106.9	17	3	5.3	63	68	3	5	9	6	3	3	26	9,288.9	299.6	12.5
April	58.48	27.6	32	8, 10, 21	23.5	11	70.2	35.5	17.5	28	4.7	56	84	0	6	5	6	5	2	16	9,288.6	309.5	.....
May	58.23	28.1	32.8	23	23.2	2	70.1	98	35	2	4.5	53	70	3	10	15	13	2	3	17	[b] 8,646.8	278.9	11.6
June	57.82	27.3	33.2	1	22.4	10	76.3	303	60.2	10	6.9	16	17	1	6	24	60	13	13	30	10,729.6	357.7	14.9
July	57.68	28	32.5	2	23	7	72.7	66.5	16.5	2	[c] 5.7	[d] 3	1	0	1	21	124	22	4	7	.....	534.3	22.3
August	58.49	27.6	32.1	1	22.5	11	73.6	148.7	20.1	27	6.9	5	2	1	2	20	78	44	13	21	12,616.3	407	17
September	58.54	28.2	32.6	25	23.2	1	71	102.8	35.3	25	6.6	3	6	1	2	27	85	40	7	9	13,583.1	452.8	18.9
October	58.47	28	33.2	7	23.8	11, 12	73.4	43.7	13	29	7.1	23	26	2	0	14	65	16	16	24	12,972.5	418.5	17.4
November	59.48	27.4	31.8	28, 29	23.1	16	75.1	81.6	21.3	15	6.2	69	98	1	1	0	0	0	3	8	10,317.8	343.9	14.3
December	59.48	26.6	31.6	15	21	12	77.7	194.6	42.6	5	7.3	53	84	1	1	4	12	3	4	24	10,048.5	324.1	13.5
Year	758.69	27.2	33.2		20.8		74.2	1,503.6	60.2		6.2	553	565	17	36	140	453	151	74	198	.....	370.8	15.5

ILOILO.

January	758.81	24.2	29.4	19	20.9	9	86.7	47.3	10.9	14	8.2	136	17	0	0	0	0	0	32	1	17,448.6	562.9	23.5
February	59.61	24.8	32.7	6	20.2	24	81.8	58.1	31.4	12	7.2	93	47	1	1	0	5	0	2	19	13,160.8	470	19.6
March	59.55	25.9	32.7	14	21.3	21	78.8	30.7	7.8	2	6	57	86	3	1	6	15	5	0	13	12,230	394.5	16.4
April	58.31	27.1	34	12	21.7	14	74.8	52.7	29	27	6.1	61	79	7	0	4	15	1	6	7	11,561.9	385.4	16.1
May	57.89	27.9	33.4	22, 23, 31	23.2	22	76.1	60.7	14.7	13	5.5	37	61	11	0	11	41	1	2	22	9,430.8	304.2	12.7
June	57.61	26.7	33.1	1	22.4	3	82.5	406.2	60.7	20	7.9	14	20	5	3	7	78	3	10	40	7,663.1	255.4	10.6
July	57.70	27.1	31.5	2	21.8	7	83.5	428.7	70.8	26	7	0	0	0	0	1	165	5	0	15	11,289.9	364.2	15.2
August	58.48	26.5	32.1	8	21.5	11	83.1	303.5	99.2	11	7.1	1	3	2	1	1	133	10	4	31	8,722.8	281.4	11.7
September	58.58	27.2	31.8	25	22.2	14	82.6	205.4	64.5	10	6.8	6	5	2	0	1	135	7	3	21	9,725.2	324.2	13.5
October	58.41	26.7	32	8	22.5	16, 17	85.6	317.8	69.8	16	6.9	20	18	1	0	15	72	17	5	38	9,384.8	302.7	12.6
November	59.40	26.6	31.6	5	22.5	17	81.4	109.7	27.9	11	4.9	53	122	5	0	0	0	0	0	0	13,280	442.7	18.4
December	59.48	25.6	30.8	27	20.6	27	81.5	148.2	31.4	5	6	62	92	1	1	1	11	2	2	14	13,109.7	422.9	17.6
Year	758.65	26.4	34		20.2		81.5	2,169	99.2		6.6	540	550	38	7	47	670	51	66	221	137,007.6	375.9	15.7

[a] Owing to some unavoidable defects in the recording instruments, the velocity of the wind had to be omitted occasionally a few days in several of the stations included in these summaries.

[b] 12 hours missing.

[c] 30 days of observation.

[d] No observation of wind direction was made from July 14, 6 p. m. to July 15, 2 a. m.

TACLOBAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	758.95	23.9	31	2	20.8	9	91.8	1,385.1	192.8	7	9.9	1	3	1	1	1	0	71	67	41	7,201.2	232.3	9.7
February	59.83	24.3	31.5	6	19.6	24	87.3	453.4	132.1	9	9.5	5	3	4	4	2	0	70	30	50	4,749.5	169.6	7.1
March	59.67	25.4	32.4	25	21.2	20	86	561.5	96.1	22	9	0	3	13	12	4	1	53	28	72	4,898.5	158	6.6
April	58.45	26.3	33	16, 19	21.4	22	84.2	135.4	17.9	21	8.8	2	5	7	13	0	0	63	25	65	5,051.8	168.4	7
May	58.25	26.9	34.7	31	22	23, 24	85.1	104.1	17.8	13	8.1	1	3	16	28	3	0	26	3	106	3,814.9	123.1	5.1
June	57.57	26.5	33.5	3, 15	22	7, 11	85.7	252.4	49.6	26	9.1	2	3	12	22	12	5	33	2	89	4,746	158.2	6.6
July	57.18	27.5	35.4	22	21.5	14	79.5	48	15.8	3	9.2	0	0	13	18	8	14	38	0	95	4,248.5	137	5.7
August	58.09	26.9	34.6	25, 31	21.6	12	82.8	114.8	25.7	15	9.6	0	0	10	15	3	3	60	12	83	4,659.8	150.3	6.3
September	58.10	27.6	36	11	22	21	79.6	105.4	34.5	22	9.6	1	1	10	7	9	19	49	7	77	4,563.5	152.1	6.3
October	58.21	27.2	35.4	7	22.5	17, 25	81.8	103.4	33.8	17	9.1	0	2	13	21	15	6	30	16	83	4,621.3	149.1	6.2
November	------	-----	-----	----------	-----	------	-----	283.3	91.1	11	[a]8.2	[a]2	14	8	0	1	0	17	2	52	3,369.1	112.3	4.7
December	[b]59.42	[b]25.6	[b]32.6	15	[b]20.7	29	[b]86.2	260.1	32.9	19	[b]6.5	[c]10	0	6	21	4	6	19	48	63	5,194.3	167.6	7
Year	------	-----	36	----------	19.6	------	-----	3,806.9	192.8	-----	8.9	24	37	113	162	62	54	529	240	876	57,118.4	156.5	6.5

CALBAYOG.

January	759.37	23.6	31	20	20.5	9	90.9	690.8	99	15	9.2	105	9	1	0	1	0	0	1	69	3,733.1	120.4	5
February	60.07	23.8	31.4	27	17.4	23	87	339.5	64.7	9	7.4	93	11	0	1	4	2	1	10	46	------	135.6	5.6
March	59.89	24.7	32	28, 31	18.8	20	86.1	429.3	216.8	8	6.8	99	10	3	4	10	10	6	9	35	4,937.7	159.3	6.6
April	58.68	25.5	33	8	20.6	18	85.7	164.9	24.6	22	5.9	79	9	0	2	8	3	5	15	59	3,977.5	132.6	5.5
May	58.34	26	33 4	20	20.7	23	86.4	161.1	42.3	1	5	63	8	1	11	22	15	1	5	60	3,748.2	120.9	5
June	57.57	25.7	30.8	7, 14	22	14	88	421.9	119.9	27	6.8	65	3	0	3	35	19	7	11	37	[d]6,995.5	233.2	9.7
July	57.21	27.5	31	28, 31	22.4	2	81.7	163.3	72.2	4	7.1	11	0	1	2	11	121	26	2	12	15,183.3	489.8	20.4
August	58.12	26.5	31.6	3	22.2	3	85.9	316.3	57.8	17	8.1	16	1	0	3	5	54	58	23	26	9,005.4	290.5	12.1
September	58.13	27.1	32.7	27	22	21	84.4	198	54.6	19	7.5	41	0	0	1	4	75	32	10	17	10,870.3	362.3	15.1
October	58.17	26.7	33.6	30	22.4	14	84.8	62	13	28	7.2	58	7	0	2	23	36	19	11	30	9,079.5	292.9	12.2
November	59.94	25.8	33	6	20.6	19	86.4	240.3	69.4	11	5.2	80	35	0	0	10	5	2	0	48	4,113.9	137.1	5.7
December	59.72	25	32.1	14	19.7	8, 31	86	357.8	71.8	25	6.5	79	27	1	9	4	3	10	2	51	5,861.3	189.1	7.9
Year	758.77	25.7	33.6	----------	17.4	------	86.1	3,545.2	216.8	-----	6.9	789	120	7	38	137	343	167	99	490	------	222	9.2

LEGASPI, ALBAY.

January	760.16	23.8	27.9	12	21.1	9	84.4	389.5	66.5	3	9.1	118	67	0	0	0	0	0	0	1	13,981.8	451	18.8
February	60.72	24.5	30.2	6	19	22	82.9	255.8	49.3	25	7.4	91	70	1	0	0	0	0	0	6	10,325	368.7	15.4
March	60.41	25.4	30.8	25, 26	18.7	1	80.6	207.4	51.9	15	5.8	54	113	1	3	1	3	2	0	9	9,345.2	301.5	12.6
April	59.05	26.9	31.8	22	20.6	11	79	74.2	16.5	24	5.2	56	107	0	0	0	7	2	2	6	8,146.3	271.5	11.3
May	58.42	28.2	34.8	24	20.2	22	78.7	30.5	8.2	13	4.4	39	100	6	2	8	12	0	0	19	6,741.3	217.5	9.1
June	57.40	27	33	1	21.8	11	84.6	509.8	125.9	27	6.6	10	61	9	4	28	27	6	0	35	6,257.3	208.6	8.7
July	56.70	27.4	33.1	23	22.6	5	80.5	113.4	38.4	27	6.4	1	5	0	0	16	148	1	1	14	10,133.9	326.9	13.6
August	57.83	26.6	33.4	5	21.8	3	84.8	234.9	43.7	10	6.8	8	6	0	0	12	121	20	3	16	7,391.4	238.4	9.9
September	57.80	27.2	33.2	18	21.8	21	82.8	92.2	21.1	5	6	13	10	1	0	11	115	13	4	13	8,106	270.2	11.3
October	58.05	27.1	33	25	21.4	12	83.3	114	25.7	30	6.9	41	21	2	7	40	38	7	3	27	7,919.3	255.5	10.6
November	60.42	27	32.3	6	23	27	82.7	265	43.3	7	4.8	114	62	0	0	0	0	0	0	4	9,206.4	306.9	12.8
December	59.94	[e]26.2	-----	----------	-----	------	82.2	320.6	72.1	25	6.3	104	60	2	0	0	1	4	8	7	------	309.4	12.9
Year	758.91	26.4	34.8	----------	18.7?	------	82.2	2,607.3	125.9	-----	6.3	649	682	22	16	116	472	55	21	157	------	293.8	12.2

ATIMONAN.

January	761.17	23.3	26.4	3	19.8	9	83.3	262.3	52	13	9.5	51	125	7	0	0	0	0	3	0	25,349.6	817.7	34.1
February	61.40	23.5	29	5	19.5	19, 20	85.9	171.9	22.6	12	8.6	64	85	1	0	0	4	1	11	2	[f]19,036.3	679.9	28.3
March	60.81	24.8	31.1	26	19.6	22	82.4	130	56.4	8	5.9	61	93	2	0	0	9	1	18	2	[g]17,102.8	551.7	23
April	59.36	26.6	32.3	14	21.1	8	79.8	36.1	23.4	22	5.6	69	77	3	0	1	7	2	15	6	[h]14,214.4	473.8	19.7
May	58.39	27.9	34.7	28, 29	22.6	22	80.6	84.9	31.5	17	5.6	50	47	4	0	6	46	3	18	12	10,479.5	338	14.1
June	57.18	26.9	34.2	13	22.9	24	84.8	299.7	109.3	28	7.1	16	17	6	5	13	79	10	17	17	[i]8,307.6	276.9	11.5
July	56.26	27.7	34.5	23, 24	22.8	4	76.4	67.9	32.5	3	6.8	2	2	2	2	10	89	49	11	19	8,666.7	279.6	11.6
August	57.67	26.5	34	8	21.4	6	84	181.3	41.8	16	6.6	7	8	4	6	6	56	64	8	27	7,032	226.8	9.4
September	57.79	27.2	32.9	22	22.6	22	80.5	210.3	69	5	6.5	17	11	2	1	0	75	43	8	23	8,531.1	284.4	11.8
October	57.99	27	34.2	6	22.2	25	82.3	254.5	103.7	15	7.6	2	33	16	8	25	43	10	29	20	10,811.8	348.8	14.5
November	60.84	27.2	31	2	21	20	80.1	127.1	37.8	29	5.7	1	59	68	44	2	0	0	2	4	17,745	591.5	24.6
December	60.89	26.2	29.4	27	21	16	80.2	224.5	79.9	25	5.9	[j]38	98	11	21	1	0	0	10	6	[k]19,703.8	635.6	26.5
Year	759.15	26.2	34.7	----------	19.5	------	81.7	2,050.5	109.3	-----	6.8	378	655	126	87	64	408	183	150	138	166,980.6	458.7	19.1

[a] 16 days of observation.
[b] 29 days of observation.
[c] No observation of wind direction was made on December 1 and 2, at 2 a. m., 6 a. m. and 10 a. m.
[d] 12 hours missing.
[e] 24 days of observation.
[f] 3 hours missing.
[g] 7 hours missing.
[h] 5 hours missing.
[i] 9 hours missing.
[j] No observation of wind direction was made on December 14, at 2 a. m.
[k] 6 hours missing.

AMBULONG, TANAUAN, BATANGAS.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW	Calm.	Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	*°C.*	*°C.*		*°C.*		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	760.14	23.4	30.4	2	19.3	9	82.4	30	12.2	4	8.4	7	176	2	0	0	0	0	0	1	10,210.7	329.4	13.7
February	60.45	24.4	34.3	15	17.5	22	79.3	5.9	3.1	25	7.7	7	137	5	1	3	4	0	0	11	[a]8,077.1	288.5	12
March	59.93	26	34.9	27	18	19	76.1	11.5	7.3	10	6.1	10	131	7	2	3	11	0	0	22	8,279.2	267.1	11.1
April	58.45	27.6	37.3	10	20	9	73.4	49.9	17.8	22	6.6	9	92	7	2	3	9	0	0	58	[b]5,889.2	196.3	8.2
May	57.67	28.7	37.2	7	22.8	22	73.4	105.3	42.2	10	6.7	22	60	20	4	5	15	3	1	56	5,419.2	174.8	7.3
June	56.69	27.5	36.2	2	21.9	9	78.8	320.7	216.2	28	8	8	36	9	6	12	26	2	1	80	5,217.6	173.9	7.2
July	56.10	27	33.4	30	23	30	82	248.7	71.2	9	8.8	0	2	2	2	7	108	4	1	60	9,827.1	317	13.2
August	57.49	26.2	33	8	22.2	15	84.2	210.9	30.5	12	8.1	2	8	1	0	14	43	3	1	114	3,988.9	128.7	5.4
September	57.61	26.5	33	28	22.8	22, 29	85	264.5	98.9	4	8.1	1	19	4	1	15	45	3	3	89	3,949.6	131.7	5.5
October	57.53	26.1	32.3	6	21	17	84.6	260.6	97.6	15	7.8	3	26	6	1	7	26	0	0	117	3,730.3	120.3	5
November	60.02	26.2	32.7	26	21.3	20	81.7	26	7.4	7	6.5	3	72	3	1	0	0	0	0	101	4,114.7	137.2	5.7
December	59.95	25.4	32	24	18.2	24	80.3	93.5	69.9	25	7.1	6	110	2	1	0	0	0	2	65	5,549.6	179	7.5
Year	758.50	26.2	37.3		17.5		80.1	1,627.5	216.2		7.5	78	869	68	21	69	287	15	9	774	74,253.2	203.7	8.5

PARACALE.

January	761.35	23.4	27.2	2	19.7	9	84.3	615.1	139.2	12	10	55	123	0	0	0	0	0	0	8	9,211.7	297.2	12.4
February	61.47	23.7	28.8	14	19.6	19	86.1	295.4	45.7	14	9.1	15	114	1	0	0	0	0	1	37	6,011.7	214.7	8.9
March	60.90	24.8	30.4	26	18.6	22	84	181.4	40.1	8	7.5	3	125	0	0	0	0	2	1	55	5,256.1	169.6	7.1
April	59.50	26.5	31.4	21	22	8	81.8	132.3	61.9	24	6.9	9	87	6	0	0	0	0	4	74	4,490.1	149.7	6.2
May	58.50	27.5	34.6	26	22.5	22, 23	84.6	223.4	75.4	7	5.8	1	65	3	0	0	0	0	0	117	3,088.5	99.6	4.2
June	57.17	27	34.1	12	22.6	3	85.9	415.8	119.8	27	6.7	0	42	0	0	7	6	5	0	120	2,507.9	83.6	3.5
July	56.17	27.8	35	21	23	31	81.2	102	62	7	7.3	0	2	0	0	4	37	1	1	141	2,383.1	76.9	3.2
August	57.59	26.7	35.8	7	23	1	85.7	213.7	50.7	10	7.4	0	7	0	0	2	25	0	0	152	1,791.3	57.8	2.4
September	57.58	27.5	34.9	14	23	1	84.1	187.2	36.8	23	7.3	8	9	0	0	0	37	0	3	123	2,747.6	91.6	3.8
October	57.90	27	33.2	24, 25	22	15	84.2	193.7	78.7	15	7.9	5	46	3	1	16	20	1	2	92	3,916.2	126.3	5.3
November	60.94	26.9	31.4	27	21.3	20	83.4	161.8	33.3	22	6.1	0	136	3	0	0	0	0	0	41	6,025.1	200.8	8.4
December	60.88	26.2	30.1	19	22.2	27	83.1	275.5	134.8	25	7.6	8	152	0	0	0	0	0	5	21	[c] 6,928	223.5	9.3
Year	759.16	26.2	35.8		18.6		84	2,997.3	139.2		7.5	104	908	16	1	29	125	9	17	981	54,357.3	149.3	6.2

DAGUPAN.

January	760.15	24.2	32.3	29	16.6	24	70.8	0	0	0	5.3	7	1	3	73	35	3	4	47	13	7,904.7	255	10.6
February	60.31	24.9	35.2	27	18	7	72.8	.8	.8	17	5.9	5	1	7	63	25	1	0	54	12	7,367.4	263.1	11
March	59.75	26.3	35.1	6, 23	19.8	2, 18, 24	77.3	51.5	27.4	11	2.8	9	0	8	69	17	2	4	62	15	8,472.4	273.3	11.4
April	58.26	27.7	36.5	21	21.5	2	76	260.4	85.6	25	4	2	2	1	57	22	3	12	67	14	7,709.3	257	10.7
May	57.43	28.9	37.4	6	22.4	1	74.6	51.9	14	8	4.6	6	3	4	53	24	5	13	56	22	7,690	248.1	10.3
June	56.24	27.8	37	1	21.5	16	81.5	391.5	108.8	29	6.9	7	2	10	72	13	7	11	22	36	7,464.1	248.8	10.4
July	55.43	26.7	35	2	22.4	22	87.9	904.3	213.6	10	9	3	2	16	69	9	26	17	7	37	6,560.5	211.6	8.8
August	56.93	26.9	34	4	22.8	13	85.2	509.5	112.5	12	8.2	4	11	5	54	13	11	31	22	35	6,303.3	203.3	8.5
September	57.25	27.1	34.5	26	23.2	15, 16	85.8	478	132.4	5	8.2	12	2	5	32	13	10	36	43	27	6,139.9	204.7	8.5
October	57.12	26.9	33.6	31	21.9	28	83.9	173.4	35.3	22	7.4	7	2	12	56	16	3	24	50	16	8,785.9	283.4	11.8
November	60.11	26.7	34.6	8	19.2	17	74.7	18.4	13.8	24	2.1	15	8	14	63	17	4	2	31	26	5,781.1	192.7	8
December	60.08	25.7	34	5	17.5	24	74	6.1	6.1	30	3.6	9	4	8	71	22	6	6	34	26	6,575.3	212.1	8.8
Year	758.26	26.6	37.4		16.6		78.7	2,845.8	213.6		5.7	86	38	93	732	226	81	160	495	279	86,753.9	237.8	9.9

BAGUIO.[d]

January	636.97	14.7	24.1	12	8.3	10	80.5	2.6	2.3	2	5	0	6	125	15	0	29	9	2	0	11,989.7	386.8	16.1
February	37.34	15.4	25.2	27	8.4	19	79	52.3	27.9	16	5.8	1	4	101	10	4	25	10	11	2	10,751.3	384	16
March	37.39	17	25.9	25	11.7	4	81.1	54.4	18.6	13	4	4	13	72	15	2	48	21	9	2	10,528.9	339.6	14.2
April	36.77	18.1	26.2	24	13.4	5, 6	86.6	119.6	35.3	27	6.2	7	11	55	16	5	55	29	1	1	----------	301.2	12.6
May	36.53	18.9	26.1	14	13.9	26	86.2	210.2	94	9	5.6	18	16	40	17	2	45	34	11	3	9,852.2	317.8	13.2
June	35.29	18.5	26.5	2	12.4	30	87.9	734.4	496.6	29	6.3	[e]9	13	62	29	4	28	20	14	0	[f]11,692.5	389.8	16.2
July	34.35	17.3	24.1	2	14.1	24	96.5	2,202.1	254.3	10	9.7	[g]6	2	14	21	3	91	44	3	0	----------	701.7	29.2
August	35.61	17.4	24.8	8, 26	13.2	6	92.4	544	80.6	12	8.3	4	7	38	18	6	45	59	9	0	[e]9,500.2	306.5	12.8
September	35.92	17.4	24.9	24	14.2	14	94.3	676.8	99.8	9	8.1	13	10	21	7	1	37	63	27	1	10,189.4	339.6	14.2
October	35.75	17.4	24.8	28	13.8	17	91.2	293.9	78.5	22	7.3	9	9	52	24	1	34	34	21	2	12,119.9	391	16.3
November	38.18	17.9	26.2	6	12	4	74.6	8.6	5.3	24	2.8	[h]0	9	81	37	8	32	10	0	0	----------	305.6	12.7
December	37.89	17.7	25.9	5	12.1	24	71.4	.5	.5	30	3.1	4	5	90	35	6	39	5	2	0	[i]11,494.1	370.8	15.4
Year	636.50	17.3	26.5		8.3		85.1	4,899.4	496.6		6	75	105	751	244	42	508	338	110	11	----------	377.9	15.7

[a] 11 hours missing.
[b] 10 hours missing.
[c] 4 hours missing.
[d] The barometric readings of this station are not reduced to sea level.
[e] No observation of wind direction was made on June 24, at 2 a. m.
[f] 7 hours missing.
[g] No observation of wind direction was made on July 22, at 10 p. m., July 23, at 2 a. m.
[h] No observation of wind direction was made on November 5, at 2 a. m.; on November 10, at 10 p. m., and on November 11, at 2 a. m.
[i] 12 hours missing.

VIGAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Wind. Total monthly velocity.	Average daily velocity.	Average hourly velocity.
	mm.	°C.	°C.		°C.		*P. ct.*	*mm.*	*mm.*		*0–10*										*Km.*	*Km.*	*Km.*
January	760.55	24.2	31.7	5	17	23	60.7	0.1	0.1	2	3.9	33	41	14	0	0	1	3	58	36			
February	60.58	25	32.2	16	18	19	63	5.3	4.8	1	4.4	22	34	11	1	1	9	4	53	33			
March	59.97	26.2	34.6	2	19	16	67.6	53.8	53.8	10	2	5	14	7	2	13	16	17	67	45		248.6	10.4
April	58.53	27.6	34.1	27	21,6	15	70.5	.8	.8	1	2.2	8	8	5	4	3	12	18	67	55	6,691.8	223.1	9.3
May	57.69	29.2	35.2	6	24	5, 17, 29	70.9	96.2	43.2	17	3.4	10	2	10	15	2	34	29	34	50	6,682.1	215.6	9
June	56.23	27.9	34.3	27	21.5	30	78.7	579.3	245.3	29	5.5	7	4	42	10	18	26	14	22	37	7,578.4	252.6	10.5
July	55.13	26.8	32.6	2	21.5	22	85	1,245.2	176.1	22	8.5	1	2	13	4	105	27	1	3	30	9,822	316.8	13.2
August	56.82	26.9	32	30	22.3	13	82.7	313.6	65.3	12	7	[a]1	3	16	16	76	32	4	8	27			
September	57.30	26.9	34.4	28	22.5	13	84.1	496.1	95.1	14	6	1	5	4	5	43	34	11	32	45	[b]5,867.4	195.6	8.2
October	57.15	26.7	34	20	20.5	14	81.4	201.5	61.1	22	5.5	9	0	5	2	19	11	25	79	36	[c]8,332.5	268.8	11.2
November	60.26	27.1	34.8	15	21	17	70.5	0	0	0	2.3	20	11	15	3	8	7	46	60	10		195.3	8.1
December	60.22	26.2	33.8	3	18.5	13	70.6	0	0	0	4.4	27	7	19	8	1	12	37	67	8	[d]6,735	217.3	9.1
Year	758.37	26.7	35.2		17		73.8	2,991.9	245.3		4.6	144	131	161	70	289	221	209	550	412			

LAOAG.

January	760.96	22.9			13	10	63.9	3.5	3.5	31	2.8	54	59	10	2	0	0	2	11	48	5,695.6	183.7	7.7
February	60.88	24.2			12.5	24	67.3	9.3	4.1	5	3	32	31	25	0	1	4	12	9	54	4,432.5	158.3	6.6
March	60.06	26.3			15.7	7	65.5	0	0	0	.5	19	15	23	1	2	15	11	41	59	5,030.2	162.3	6.8
April	58.50	27.8			18.9	12	68.7	0	0	0	1.7	14	6	20	8	1	2	14	60	55	[e]4,395.6	146.5	6.1
May	57.64	28.6	38.8	5	21.6	6	73.9	68.8	52.8	17	3.1	3	1	38	16	2	20	28	33	45	5,002.8	161.4	6.7
June	56.09	27.2	35.4	1	21.9	12	80.4	708.2	334.8	29	5.8	8	11	36	32	9	13	13	28	30	5,435.2	181.2	7.6
July	54.99	26.5	32.9	3	22.6	22	80.3	1,294	187	21	8.3	2	2	8	24	70	42	5	4	29	6,480.5	209	8.7
August	56.74	26.1	33.1	17	21.8	30	81.8	691	205.4	12	5.7	0	4	40	25	36	29	3	10	39	4,411	142.3	5.9
September	57.24	26.7	32.5	27, 29	22	21, 29	81.4	910.2	143.7	11	5.6	8	1	27	21	16	33	15	3	56	3,921.3	130.7	5.4
October	57.16	26.1	34.1	16, 27	20	26	81.3	496.1	147.9	24	5.6	40	18	8	7	21	10	9	21	52	4,981.5	160.7	6.7
November[f]	60.68	25.7	34.3	29	17.2	19	74.1	.8	.8	26	1	22	31	24	3	10	5	6	19	54		107.9	4.5
December	60.56	25	35.9	26	14	24	73.9	0	0	0	1.1	30	12	26	10	5	3	4	25	71	3,347.8	108	4.5
Year	758.46	26.1			12.5		74.4	4,181.9	334.8		3.7	232	191	285	149	173	176	122	264	592		154.3	6.4

APARRI.

January	763.98	20.2	26.5	12	16	22	81.8	126.8	16.2	6	9.6	17	111	34	4	0	0	1	1	18		432.3	18
February	63.25	21.6	31.5	4	14.8	20	80.2	92.3	34.6	14	7.6	7	86	39	7	2	0	1	8	18	10,758.2	384.2	16
March	61.72	23.9	32.2	21, 29	18	1	79.8	40.9	14.5	13	5.9	15	111	16	5	6	1	3	3	26	11,863.4	382.7	15.9
April	59.65	26.2	34.6?	8	20.1	20	76.3	7.8	3.3	14	4	23	90	9	7	17	0	4	4	26	9,268	308.9	12.9
May	58.14	28.2	36.4?	12	21.3	1	75.6	54.7	26.2	25	3.4	26	44	13	20	18	15	10	14	26	8,713	281.1	11.7
June	56.23	28.5	37.4	7	21.4	17	75.2	351	167.8	29	4.2	27	24	4	31	38	25	9	10	12	10,366.5	345.6	14.4
July	54.68	28.1	34.1	18	23.2	23	78.3	180	50.2	28	7.6	19	13	9	7	69	19	9	10	31	6,561	211.6	8.8
August	56.91	27.4	33	7	22.6	2	80.1	251.9	79.8	12	6.8	26	25	2	17	35	14	9	13	45	6,543.9	211.1	8.8
September	57.36	27.3	35.5	12	22.8	16	80.2	97.5	40.7	19	7.3	18	33	5	3	14	21	7	28	51	7,019	234	9.8
October	57.97	26.2	33.1	24	22.3	30	83.8	369.1	78.5	22	7.2	23	49	20	14	13	4	4	24	35	10,590.3	341.6	14.2
November	62.05	25.4	33	26	20.3	19	82.1	38.6	13.8	10	3.5	12	72	20	13	11	0	0	3	49	7,170.9	239	10
December	62.27	24.3	31.8	11	17.5	22, 23	82.8	42	22.2	26	4.8	6	71	14	33	10	1	0	3	48	7,794.3	251.4	10.5
Year	759.52	25.6	37.4		14.8		79.7	1,652.6	167.8		6	219	729	185	161	233	100	57	121	385		302	12.6

[a] No observation of wind direction was made on August 25, 10 p. m. and on the 26th, at 2 a. m. and 6 a. m.
[b] 12 hours missing.
[c] 11 hours missing.
[d] 3 hours missing.
[e] 1 hour missing.
[f] 29 days of observation.

TAGBILARAN.

Month.	Pressure (mean).	Temperature. Mean.	Maximum.	Date.	Minimum.	Date.	Relative humidity (mean).	Rainfall. Total.	Maximum in 24 hours.	Date.	Cloudiness (mean).	Wind. Number of winds from six daily observations. N, NNE.	NE, ENE.	E, ESE.	SE, SSE.	S, SSW.	SW, WSW.	W, WNW.	NW, NNW.	Calm.	Monthly mean velocity.
	mm.	°C.	°C.		°C.		*P. ct.*	*mm.*	*mm.*		*0–10*										*0–12.*
January [a]	758.27	24.6	31.4	3	21	14	85.4	201.8	52	17	8.7	79	5	1	1	1	0	0	11	82	1
February	59.25	25	31.7	5	18.6	23	83.6	42.5	13.7	11	6.8	37	10	1	6	12	2	2	7	91	.8
March	59.32	25.3	32.2	22	20.5	19, 21	83.2	83.9	41.4	29	5.7	[b]33	5	2	3	26	0	5	16	90	.8
April	58.17	25.9	31.5	10	20.7	11	83.7	173.2	57.9	3	5	[c]16	6	3	13	13	1	3	31	74	1
May	57.90	26.7	32.8	6	21.4	21	84	53.5	21.1	20	5.1	5	2	6	48	2	2	3	49	69	1.2
June	57.77	26.3	31.7	25, 30	21.6	11	84.7	230.8	64.1	4	7.7	[d]7	2	7	42	28	11	8	33	40	1.8
July	57.81	27.8	33.8	22	22.3	20	[a]76.2	27.2	15.4	5	[a]6.4	[e]0	0	0	37	50	21	14	4	46	[a]1.8
August	58.54	27	33.5	31	21.9	10	79.3	74.6	20.9	14	8.2	0	0	1	22	32	31	15	6	79	1.2
September	58.68	27.7	33.7	16	22.5	20	78.3	79.4	25.5	20	7.4	1	1	0	20	50	19	11	8	70	1.4
October	[f]58.42	[f]26.9	[f]33.8	27	[f]22.3	19, 25	[f]82.4	189.4?	55.7	11	[f]8.1	[g]3	3	2	20	35	16	4	11	73	[f]1.3
November [h]	59.07	26.1	33.3	8	20.7	18, 21	83.8	109.6	18.1	30	5.9	[i]24	7	5	13	1	0	4	25	93	[h]8
December	59.15	25.4	31.7	1	19.7	31	83.8	120	25.7	15	8.2	49	7	2	10	6	3	1	15	93	.9
Year	758.53	26.2	33.8		18.6		82.4	1,385.9	64.1		6.9	254	48	30	235	256	106	70	216	900	1.2

CAPIZ.

January	759.60	24.3	29.1	2, 20	21.7	26	85.7	216.3	35.9	30	9.6	110	3	0	0	0	0	0	0	73	1.2
February	60.21	24.8	30.6	4	19.8	22	84.9	72.1	14	12	7.6	45	7	0	0	0	0	0	6	110	.6
March	60.01	25.9	32.4	26	21.3	19	82.8	77.3	16	3	6.7	64	37	4	0	0	0	12	11	58	1.4
April	58.72	27.1	32.6	27	22.2	17	80.4	74.9	48.3	16	5.7	47	43	1	0	0	0	7	7	75	1.2
May	58.08	28.1	34.1	26	21.7	23	80	131	67.3	31	4.3	12	47	8	3	5	0	1	10	100	1
June	57.41	26.7	33.3	13	22.7	1	84.8	161.4	29.2	13	7.9	8	13	3	6	25	7	7	8	103	.8
July	57.19	27.4	34.9	14	22.4	6	78.9	82	20.9	7	6.4	0	2	0	7	60	11	9	9	88	1.1
August	58.20	26.6	33.5	8	22.3	5	81.6	53.1	17.1	14	7.1	2	0	0	10	30	11	12	20	101	.8
September	58.24	27.1	34.4	4	22.6	19	81.7	125.3	54.9	11	5.7	10	0	0	3	24	11	14	13	105	.8
October	58.17	26.9	33.4	1	22.7	15	83.3	206.6	78.4	9	6.5	15	14	5	7	32	5	11	20	77	1.2
November	[f]59.88	[f]27	[f]32.3	23	[f]22.1	19	[f]83.4	135.5	26.9	7	[f]5.4	[j]20	97	4	0	0	0	0	0	48	[f]1.5
December	59.79	26.1	31.3	10	21.2	28	82.7	169.7	52.8	25	7.2	61	47	2	3	1	5	7	6	54	1.5
Year	758.79	26.5	34.9		19.8		82.5	1,505.2	78.4		6.7	394	310	27	39	177	50	80	110	992	1.1

SAN ISIDRO, NUEVA ECIJA.

January	761.15	23	30.9	19	15.2	9, 22	72.8	0	0	0	3.9	73	36	60	0	1	1	1	5	9	2
February	61.34	24.1	34.1	15	15.5	24	71.5	13	12.7	15	5.4	46	49	43	2	0	0	1	5	22	1.9
March	60.68	25.4	36	26	17.5	3, 8	71.8	70.9	28.5	10	3.5	44	31	62	4	4	9	0	21	11	1.9
April	59.14	27.6	36.6	29	19.6	2	68.7	.6	.3	24, 26	4.5	57	25	68	5	4	3	1	8	9	1.9
May	58.37	28.5	37.2	9	19.4	1	73.8	116.5	4.4	27	4.5	36	18	75	3	17	10	1	10	16	1.8
June	57.26	27.5	36.4	22	21.5	30	81.5	294.3	106.6	29	6	31	20	40	20	37	5	2	8	17	1.6
July	56.61	26.3	33.5	3	21.8	3	92.9	608.1	100.4	10	7.9	3	1	2	2	97	62	4	3	12	1.9
August	58.03	26.3	33.2	8	22.3	13	88.7	376.6	64.2	12	7.1	2	6	5	3	99	41	5	3	22	1.6
September	58.27	26.4	33	24, 28	22.7	15	88.2	342.7	41.9	5	7.1	6	14	3	3	51	51	16	4	32	1.2
October	58.36	26.2	32.8	8	22.2	17, 29	86.7	248.6	76	22	7	14	28	22	8	35	24	16	27	12	1.8
November	[f]61.44	[f]25.7	[f]32.9	17	[f]18.6	19	[f]76.7	6.4	4.8	13	[k]3.6	[l]28	72	38	2	0	0	0	21	5	[f]1.7
December	61.47	25.1	33.9	29	15.5	24	75.5	2.7	1	26	4.1	60	35	73	0	0	0	0	15	3	1.9
Year	759.34	26	37.2		15.2		79.1	2,080.4	106.6		5.4	400	335	491	52	345	206	47	130	170	1.8

TUGUEGARAO.

January	763.38	20.5	27.6	22	14.8	11	82.3	4.5	2	31	8.5	28	18	1	1	2	5	4	88	39	1.4
February	62.76	21.8	33.8	4, 27	14.6	23	81.1	28.1	22.6	14	7.2	20	12	1	7	7	3	5	49	64	1
March	61.34	24.6	37.5	25	17.3	8	78.5	47	18.8	13	5.4	21	12	4	18	6	18	8	32	67	.7
April	59.42	27.2	38.6	24	19.5	6	71.8	67.5	53.3	27	4.6	22	5	1	11	20	25	16	40	40	1
May	58.10	29.1	40.1	28	20.8	1	70.2	100.2	68.1	29	3.7	15	3	0	11	56	48	18	13	22	1.4
June	56.38	29	39.6	13	21.4	19	71.1	167.6	52.1	29	4.5	7	2	1	3	58	52	12	18	27	1.6
July	54.85	27.7	36.7	9	21.3	23	81.5	132.7	47.3	17	7.2	3	4	1	8	38	44	10	12	66	.9
August	56.77	27.1	37.6	7	21.7	2	82.6	166.6	49	31	7	6	14	4	29	24	18	3	19	69	.7
September	57.08	26.9	36.2	9	22	21, 29	83.5	232	52.3	5	6.8	15	15	0	21	16	15	4	38	56	.7
October	57.60	25.7	34.2	24	20.8	30	88.6	476.3	153.8	1	7.3	16	10	0	9	7	14	3	44	83	.8
November	61.67	25.1	34.6	6	17.8	19	83	21.1	9.2	24	4	8	5	0	6	7	21	4	22	107	.4
December	61.93	24.1	33.2	17	16.8	7	83	44.8	25.2	29	5	11	7	0	8	19	14	4	41	82	.7
Year	759.27	25.7	40.1		14.6		79.8	1,488.4	153.8		5.9	172	107	13	132	260	277	91	416	722	0.9

[a] 30 days of observation.
[b] No observation of wind direction was made at 2 a. m. from March 26 to 31.
[c] No observation of wind direction was made at 2 a. m. from April 1 to 20.
[d] No observation of wind direction was made at 2 a. m. on June 11 and 12.
[e] No observation of wind direction was made at 2 a. m. on July 11 to 15; and from July 29, 10 p. m. to July 31, 6 a. m.
[f] 28 days of observation.
[g] No observation of wind direction was made from October 28, 10 p. m. to October 31, 10 p. m.
[h] 29 days of observation.
[i] No observation of wind direction was made on November 1 and on the 2nd, at 2 a. m. and 6 a. m.
[j] No observation of wind direction was made from November 2, 10 a. m. to November 4, 2 a. m.
[k] 27 days of observation.
[l] No observation of wind direction was made on November 2, 6 p. m.; on the 3rd and 4th.

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DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES
WEATHER BUREAU
REV. JOSÉ ALGUÉ, S. J., DIRECTOR

ANNUAL REPORT OF THE WEATHER BUREAU

FOR THE YEAR 1918

PART IV

HOURLY RESULTS OF THE OBSERVATIONS MADE AT THE MAGNETIC OBSERVATORY OF ANTIPOLO, NEAR MANILA, P. I., DURING THE CALENDAR YEAR 1918

MANILA
BUREAU OF PRINTING
1921

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INTRODUCTION.

The Magnetic Observatory, which is a division or branch of the Weather Bureau, Manila Observatory, was located at Manila in the Observatory grounds until 1904, but it had to be temporarily closed on account of the electric car system established in that city. The new location at Antipolo lies due east of the old at a distance of 18.5 kilometers. The coördinates of the variation building are 121° 10′ E and 14° 36′ N, its elevation above the sea level about 215 meters.

A description of the buildings, instruments, and method both of observation and of reduction, will be found in the "Annual Report of the Weather Bureau for the year 1911, Part IV." The arrangement of the magnetic values in this publication is the same as that of 1911; we adopted the distribution given by the Coast and Geodetic Survey of the United States of America to similar publications of its magnetic observatories.

For all the observations the Insular standard time of the Philippine Archipelago, eight hours (8^h) or the 120th meridian east of Greenwich, is used. Each hourly value of D, H, or Z in the monthly tabulations represented the momentary value of the quantity for the specified hour.

Diurnal Variation of D.

1918.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+0.07	−0.21	−0.14	+0.26	−0.01	−0.05	+0.25	+0.04	+0.40	+0.26	−0.01	−0.26	−0.10	+0.20	+0.06	+0.05
2	+0.05	−0.27	−0.05	+0.35	+0.11	+0.03	+0.39	+0.15	+0.40	+0.23	+0.02	−0.32	−0.13	+0.23	+0.17	+0.09
3	−0.04	−0.21	−0.11	+0.35	+0.28	+0.17	+0.54	+0.24	+0.26	+0.18	−0.04	−0.23	−0.13	+0.17	+0.31	+0.12
4	−0.21	−0.21	−0.11	+0.32	+0.39	+0.23	+0.59	+0.32	+0.31	+0.15	−0.15	−0.23	−0.20	+0.17	+0.38	+0.12
5	−0.41	−0.19	−0.11	+0.32	+0.60	+0.46	+0.82	+0.41	+0.40	−0.11	−0.18	−0.23	−0.25	+0.12	+0.57	+0.15
6	−0.76	−0.24	−0.16	+0.97	+1.94	+1.49	+1.62	+1.50	+1.52	+0.26	−0.10	−0.18	−0.32	+0.65	+1.64	+0.66
7	−1.59	−0.27	+0.27	+1.46	+2.42	+2.18	+2.14	+2.24	+2.38	+0.64	−0.18	−0.18	−0.56	+1.19	+2.24	+0.96
8	−1.41	+0.21	+0.64	+1.12	+1.88	+1.89	+1.77	+2.07	+2.06	+0.95	+0.05	+0.08	−0.27	+1.19	+1.90	+0.94
9	−0.55	+0.70	+0.87	+0.75	+1.31	+1.26	+0.99	+1.30	+1.00	+0.92	+0.19	+0.31	+0.16	+0.88	+1.22	+0.75
10	+0.33	+0.79	+0.61	+0.18	−0.01	+0.38	−0.18	−0.05	−0.23	+0.06	+0.02	+0.39	+0.38	+0.16	+0.04	+0.19
11	+1.19	+0.13	+0.01	−0.45	−1.18	−0.80	−1.56	−1.28	−1.69	−1.11	−0.30	+0.11	+0.28	−0.81	−1.20	−0.58
12	+1.31	−0.30	−0.51	−1.14	−1.87	−1.65	−2.04	−1.96	−2.51	−1.51	−0.47	−0.26	+0.07	−1.42	−1.88	−1.08
13	+1.05	−0.50	−0.88	−1.49	−2.21	−1.42	−2.04	−2.02	−2.77	−1.31	−0.15	−0.26	+0.04	−1.61	−1.92	−1.17
14	+0.36	−0.13	−0.48	−1.74	−1.81	−0.91	−1.78	−1.53	−2.23	−0.94	+0.05	−0.12	+0.04	−1.35	−1.51	−0.94
15	−0.15	+0.10	+0.07	−1.40	−1.18	−0.91	−1.24	−1.02	−1.20	−0.17	+0.25	+0.05	+0.06	−0.68	−1.09	−0.57
16	+0.13	−0.25	+0.32	−0.51	−0.32	−0.65	−0.38	−0.28	−0.03	+0.41	+0.36	+0.42	+0.29	+0.05	−0.41	−0.02
17	+0.36	+0.27	+0.35	+0.12	+0.39	−0.28	−0.09	+0.15	+0.57	+0.35	+0.42	+0.45	+0.38	+0.35	+0.04	+0.26
18	+0.16	+0.16	+0.10	+0.32	+0.36	−0.17	+0.22	+0.27	+0.40	−0.05	+0.16	+0.17	+0.16	+0.19	+0.17	+0.18
19	+0.13	+0.19	−0.02	+0.29	−0.01	−0.11	+0.19	+0.07	+0.17	+0.15	+0.16	+0.28	+0.19	+0.15	+0.04	+0.12
20	+0.10	+0.22	−0.05	+0.15	−0.21	−0.25	+0.02	−0.05	+0.17	+0.21	+0.13	+0.22	+0.17	+0.12	−0.12	+0.06
21	+0.02	+0.05	−0.14	+0.06	−0.21	−0.34	−0.04	−0.10	+0.14	+0.06	+0.02	+0.11	+0.05	+0.03	−0.17	−0.03
22	−0.07	−0.21	−0.19	+0.11	−0.24	−0.31	−0.12	−0.16	+0.12	+0.01	−0.09	−0.03	−0.10	−0.04	−0.21	−0.12
23	−0.07	−0.24	−0.22	−0.08	−0.23	−0.20	−0.15	−0.16	+0.06	+0.15	−0.12	−0.09	−0.13	−0.02	−0.18	−0.11
24	−0.12	−0.18	−0.16	−0.02	−0.18	−0.05	+0.02	−0.13	+0.20	+0.24	−0.09	−0.15	−0.14	+0.06	−0.08	−0.05

Diurnal Variation of Y.

1918.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	0	−2	− 2	+ 3	− 1	0	− 1	+ 1	+ 5	+ 3	−1	−4	−2	+ 2	0	0
2	0	−3	− 1	+ 4	+ 1	+ 1	0	+ 2	+ 5	+ 2	0	−4	−2	+ 2	+ 1	+ 1
3	− 1	−2	− 2	+ 4	+ 3	+ 2	+ 2	+ 3	+ 3	+ 2	−1	−3	−2	+ 2	+ 2	+ 1
4	− 3	−2	− 2	+ 4	+ 4	+ 3	+ 3	+ 4	+ 4	+ 2	−2	−3	−2	+ 2	+ 4	+ 1
5	− 5	−2	− 2	+ 4	+ 6	+ 5	+ 5	+ 5	+ 5	− 1	−3	−3	−3	+ 2	+ 5	+ 1
6	− 9	−3	− 2	+ 1	+21	+17	+14	+17	+17	+ 3	−2	−3	−4	+ 5	+17	+ 6
7	−18	−3	+ 3	+16	+25	+24	+20	+25	+27	+ 7	−3	−3	−7	+13	+24	+10
8	−16	+3	+ 7	+13	+20	+21	+16	+23	+23	+11	+1	0	−3	+14	+20	+10
9	− 6	+8	+10	+ 9	+14	+14	+ 8	+15	+11	+11	+3	+3	+2	+10	+13	+ 8
10	+ 4	+9	+ 7	+ 3	0	+ 5	− 5	0	− 2	+ 1	+1	+4	+4	+ 2	0	+ 2
11	+13	+2	0	− 4	−12	− 8	−20	−14	−18	−12	−3	+1	+3	− 8	−14	− 6
12	+15	−3	− 5	−12	−20	−17	−25	−21	−27	−16	−5	−3	+1	−15	−21	−12
13	+12	−5	−10	−16	−24	−15	−25	−22	−30	−14	−1	−3	+1	−18	−22	−13
14	+ 4	−1	− 5	−19	−19	− 9	−23	−17	−24	−10	+1	−1	+1	−14	−17	−10
15	− 2	+1	+ 1	−15	−12	− 9	−17	−11	−12	− 2	+3	0	0	− 7	−12	− 6
16	+ 1	+3	+ 3	− 5	− 4	− 7	− 8	− 3	0	+ 5	+4	+4	+3	+ 1	− 6	− 1
17	+ 3	+3	+ 4	+ 2	+ 4	− 3	− 5	+ 2	+ 7	+ 4	+5	+4	+4	+ 4	0	+ 2
18	+ 1	+2	+ 1	+ 4	+ 4	− 2	+ 9	+ 3	+ 5	0	+2	+1	+2	+ 2	+ 4	+ 2
19	+ 1	+2	0	+ 3	− 1	− 1	+ 9	+ 1	+ 2	+ 2	+2	+2	+2	+ 2	+ 2	+ 2
20	+ 1	+2	− 1	+ 2	− 3	− 3	+ 7	0	+ 2	+ 2	+2	+2	+2	+ 1	0	+ 1
21	0	+1	− 2	+ 1	− 3	− 4	+ 7	− 1	+ 2	+ 1	+1	+1	+1	0	0	0
22	− 1	−2	− 2	− 1	− 3	− 3	+ 6	− 1	+ 2	0	−1	0	−1	0	0	0
23	− 1	−3	− 3	− 1	− 3	− 2	+ 5	− 1	+ 1	+ 2	−1	−1	−2	0	0	− 1
24	− 2	−2	− 2	0	− 2	0	+ 7	− 1	+ 3	+ 3	−1	−2	−2	+ 1	+ 1	0

Diurnal Variation of H.

1918.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I		II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−20	−24	−31	−29	−26	−23	−23	−24	−24	−30	−18	−23	−21	−28	−24	−25
2	−20	−21	−28	−26	−24	−22	−22	−23	−21	−29	−17	−19	−19	−26	−23	−23
3	−15	−19	−29	−23	−24	−20	−21	−24	−17	−26	−16	−17	−17	−24	−22	−21
4	−15	−18	−28	−25	−24	−19	−20	−18	−11	−24	−16	−15	−16	−22	−20	−19
5	−14	−14	−25	−25	−22	−19	−19	−18	−12	−22	−19	−14	−15	−21	−20	−19
6	−11	−11	−23	−26	−19	−16	−13	−15	−13	−21	−19	−11	−13	−21	−16	−16
7	− 2	− 6	−15	−22	− 9	− 9	− 1	− 8	−14	−16	−11	− 8	− 7	−17	− 7	−10
8	+ 5	+ 8	0	−12	+ 1	+ 2	+14	0	− 5	+ 1	+ 1	− 3	+ 3	− 4	+ 4	+ 1
9	+16	+20	+17	+ 9	+19	+16	+26	+13	+ 9	+19	+14	+ 5	+14	+14	+18	+15
10	+30	+33	+38	+34	+33	+32	+38	+28	+26	+44	+32	+21	+29	+36	+33	+32
11	+39	+37	+51	+50	+46	+43	+45	+39	+37	+59	+42	+31	+37	+49	+43	+43
12	+39	+38	+52	+48	+51	+45	+45	+38	+38	+58	+40	+29	+36	+49	+45	+43
13	+31	+29	+41	+44	+46	+41	+35	+31	+33	+48	+31	+22	+28	+42	+38	+36
14	+16	+17	+31	+38	+37	+31	+24	+24	+26	+31	+19	+17	+17	+32	+29	+26
15	+ 7	+ 8	+18	+29	+21	+18	+11	+15	+13	+14	+ 9	+13	+ 9	+18	+16	+15
16	− 1	0	+ 7	+14	+ 7	+ 6	+ 1	+ 5	+ 6	0	+ 3	+ 9	+ 3	+ 7	+ 5	+ 5
17	− 6	− 3	+ 3	+ 1	− 3	− 4	− 6	− 2	0	− 5	0	+ 6	− 1	0	− 4	− 2
18	− 9	− 2	− 2	− 2	− 8	−11	−10	− 6	− 3	− 7	− 2	+ 1	− 3	− 4	− 9	− 5
19	−13	− 8	− 6	− 3	−11	−13	−12	− 9	− 7	−11	− 7	− 2	− 8	− 7	−11	− 8
20	−11	−11	−10	− 9	−15	−15	−13	−10	− 9	−14	− 8	− 6	− 9	−10	−13	−11
21	−13	−11	−14	−13	−17	−17	−16	−11	−11	−17	−13	− 9	−12	−14	−15	−14
22	−13	−12	−19	−14	−19	−18	−17	−10	−11	−20	−13	− 8	−12	−16	−16	−14
23	−15	−14	−20	−15	−19	−19	−19	−10	−12	−20	−15	− 8	−13	−17	−17	−16
24	−14	−13	−21	−14	−23	−19	−19	−11	−13	−21	−13	− 6	−12	−17	−18	−16

Diurnal Variation of X.

1918.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−20	−24	−31	−29	−26	−23	−23	−24	−24	−30	−18	−23	−21	−28	−24	−25
2	−20	−21	−28	−26	−24	−22	−22	−23	−21	−29	−17	−19	−19	−26	−23	−23
3	−15	−19	−29	−23	−24	−20	−21	−24	−17	−26	−16	−17	−17	−24	−22	−21
4	−15	−18	−28	−25	−24	−19	−20	−18	−11	−24	−16	−15	−16	−22	−20	−19
5	−14	−14	−25	−25	−22	−19	−19	−18	−12	−22	−19	−14	−15	−21	−20	−19
6	−11	−11	−23	−26	−19	−16	−13	−15	−13	−21	−19	−11	−13	−21	−16	−16
7	− 2	− 6	−15	−22	− 9	− 9	− 1	− 8	−14	−16	−11	− 8	− 7	−17	− 7	−10
8	+ 5	+ 8	0	−12	+ 1	+ 2	+14	0	− 5	+ 1	+ 1	− 3	+ 3	− 4	+ 4	+ 1
9	+16	+20	+17	+ 9	+19	+16	+26	+13	+ 9	+19	+14	+ 5	+14	+14	+18	+15
10	+30	+32	+38	+34	+33	+32	+38	+28	+26	+44	+32	+21	+29	+36	+33	+32
11	+39	+37	+51	+50	+46	+43	+45	+39	+37	+59	+42	+31	+37	+49	+43	+43
12	+39	+38	+52	+48	+51	+45	+45	+38	+38	+58	+40	+29	+36	+49	+45	+43
13	+31	+29	+41	+44	+46	+41	+35	+31	+33	+48	+31	+22	+28	+42	+38	+36
14	+16	+17	+31	+38	+37	+31	+24	+24	+26	+31	+19	+17	+17	+32	+29	+26
15	+ 7	+ 8	+18	+29	+21	+18	+11	+15	+13	+14	+ 9	+13	+ 9	+18	+16	+15
16	− 1	0	+ 7	+14	+ 7	+ 6	+ 1	+ 5	+ 6	0	+ 3	+ 9	+ 3	+ 7	+ 5	+ 5
17	− 6	− 3	+ 3	+ 1	− 3	− 4	− 6	− 2	0	− 5	0	+ 6	− 1	0	− 4	− 2
18	− 9	− 2	− 2	− 2	− 8	−11	−10	− 6	− 3	− 7	− 2	+ 1	− 3	− 4	− 9	− 5
19	−13	− 8	− 6	− 3	−11	−13	−12	− 9	− 7	−11	− 7	− 2	− 8	− 7	−11	− 8
20	−11	−11	−10	− 9	−15	−15	−13	−10	− 9	−14	− 8	− 6	− 9	−10	−13	−11
21	−13	−11	−14	−13	−17	−17	−16	−11	−11	−17	−13	− 9	−12	−14	−15	−14
22	−13	−12	−19	−14	−19	−18	−17	−10	−11	−20	−13	− 8	−12	−16	−16	−14
23	−15	−14	−20	−15	−19	−19	−19	−10	−12	−20	−15	− 8	−13	−17	−17	−16
24	−14	−13	−21	−14	−23	−19	−19	−11	−13	−21	−13	− 6	−12	−17	−18	−16

Diurnal Variation of Z.

1918.

[Five International quiet days. Time 8h E of Greenwich; 24h or 0h = midnight.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	+10	+ 5	+11	+10	+ 8	+14	+ 8	+11	+ 9	+ 9	+10	+ 9	+ 8	+10	+10	+10
2	+10	+ 5	+11	+11	+ 9	+13	+ 8	+11	+10	+10	+ 7	+ 8	+ 8	+10	+10	+ 9
3	+ 9	+ 5	+11	+ 9	+10	+10	+ 7	+11	+10	+10	+ 6	+ 8	+ 7	+10	+10	+ 9
4	+ 8	+ 6	+11	+ 9	+13	+ 7	+ 7	+11	+10	+ 9	+ 4	+ 6	+ 6	+10	+10	+ 8
5	+ 7	+ 6	+10	+ 9	+15	+ 7	+ 7	+10	+11	+ 9	+ 4	+ 6	+ 6	+10	+10	+ 8
6	+ 7	+ 6	+10	+10	+17	+ 5	+ 7	+13	+12	+ 8	+ 3	+ 6	+ 6	+10	+10	+ 9
7	+ 4	+ 5	+ 9	+ 4	+11	+ 2	+ 6	+ 8	+ 8	+ 6	0	+ 4	+ 3	+ 7	+ 7	+ 6
8	+ 7	+ 3	+ 2	− 5	+ 7	− 6	+ 1	+ 1	+ 5	− 2	− 6	+ 2	+ 2	0	+ 1	+ 1
9	+ 8	− 1	− 4	−11	− 1	−14	− 8	− 8	− 8	−15	−16	− 3	− 3	−10	− 8	− 7
10	+ 3	−10	−13	−15	−10	−22	−10	−22	−15	−29	−26	−11	−11	−18	−16	−15
11	−11	−15	−16	−20	−14	−27	−17	−25	−21	−33	−33	−19	−20	−22	−21	−21
12	−24	−15	−19	−18	−12	−25	−17	−25	−21	−29	−31	−22	−23	−22	−20	−22
13	−25	−12	−15	−14	− 9	−23	−15	−22	−17	−19	−23	−18	−20	−16	−17	−18
14	−27	− 5	− 9	− 9	− 8	−15	−14	−17	−12	−10	−11	−13	−14	−10	−14	−12
15	−18	− 2	− 4	− 4	− 6	− 9	− 9	−12	− 4	− 2	+ 2	− 6	− 6	− 4	− 9	− 6
16	− 8	− 1	− 3	0	− 3	0	− 3	− 2	0	+ 1	+ 5	0	− 1	0	− 2	− 1
17	− 1	− 1	− 4	+ 1	− 4	+ 7	− 1	+ 2	+ 2	+ 3	+ 6	0	+ 1	0	+ 1	+ 1
18	+ 1	− 2	− 4	0	− 7	+11	+ 1	+ 3	+ 2	+ 6	+ 9	+ 1	+ 2	+ 1	+ 2	+ 2
19	+ 6	+ 1	− 2	+ 1	− 7	+12	+ 3	+ 5	+ 3	+ 9	+11	+ 4	+ 6	+ 3	+ 3	+ 4
20	+ 7	+ 2	− 1	+ 2	− 6	+12	+ 4	+ 6	+ 4	+11	+12	+ 5	+ 6	+ 4	+ 4	+ 5
21	+ 7	+ 3	+ 2	+ 3	− 3	+12	+ 5	+ 7	+ 4	+12	+13	+ 6	+ 7	+ 5	+ 5	+ 6
22	+ 7	+ 3	+ 3	+ 4	− 1	+12	+ 6	+ 7	+ 4	+14	+14	+ 6	+ 8	+ 6	+ 6	+ 7
23	+ 8	+ 4	+ 6	+ 7	+ 2	+12	+ 6	+ 8	+ 6	+16	+15	+ 7	+ 8	+ 9	+ 7	+ 8
24	+ 9	+ 4	+ 8	+ 9	+ 4	+11	+ 7	+ 8	+ 6	+16	+15	+ 8	+ 9	+10	+ 8	+ 9

Diurnal Variation of I.

1918.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	+1.32	+0.99	+1.66	+1.53	+1.27	+1.68	+1.26	+1.52	+1.31	+1.45	+1.30	+1.34	+1.24	+1.49	+1.43	+1.39
2	+1.32	+0.92	+1.59	+1.54	+1.30	+1.58	+1.24	+1.50	+1.32	+1.52	+1.03	+1.16	+1.11	+1.49	+1.40	+1.34
3	+1.11	+0.87	+1.61	+1.30	+1.38	+1.28	+1.13	+1.52	+1.22	+1.44	+0.93	+1.10	+1.00	+1.39	+1.33	+1.24
4	+1.03	+0.93	+1.59	+1.35	+1.63	+1.01	+1.11	+1.38	+1.07	+1.31	+0.77	+0.89	+0.90	+1.33	+1.28	+1.17
5	+0.92	+0.84	+1.43	+1.35	+1.74	+1.01	+1.08	+1.29	+1.18	+1.26	+0.84	+0.86	+0.86	+1.30	+1.28	+1.15
6	+0.85	+0.77	+1.39	+1.46	+1.83	+0.77	+0.94	+1.47	+1.29	+1.15	+0.76	+0.79	+0.79	+1.32	+1.25	+1.12
7	+0.38	+0.56	+1.11	+0.86	+1.10	+0.35	+0.57	+0.89	+0.98	+0.87	+0.31	+0.56	+0.45	+0.96	+0.73	+0.71
8	+0.46	+0.06	+0.16	+0.13	+0.53	−0.58	−0.23	+0.12	+0.51	−0.20	+0.48	+0.27	+0.08	+0.08	−0.04	+0.04
9	+0.28	−0.56	−0.74	−1.14	−0.56	−1.58	−1.24	−0.95	−0.90	−1.72	−1.62	−0.33	−0.56	−1.12	−1.08	−0.92
10	−0.47	−1.63	−2.00	−2.07	−1.64	−2.63	−1.69	−2.48	−1.89	−3.48	−2.90	−1.39	−1.60	−2.86	−2.11	−2.02
11	−1.86	−2.14	−2.55	−2.87	−2.29	−3.31	−2.39	−2.98	−2.66	−4.17	−3.72	−2.29	−2.50	−3.06	−2.74	−2.77
12	−2.94	−2.16	−2.83	−2.65	−2.25	−3.19	−2.39	−2.97	−2.68	−3.81	−3.52	−2.49	−2.78	−2.99	−2.70	−2.82
13	−2.83	−1.69	−2.23	−2.23	−1.88	−2.93	−2.04	−2.55	−2.23	−2.74	−2.63	−1.99	−2.28	−2.86	−2.35	−2.33
14	−2.64	−0.83	−1.49	−1.67	−1.57	−2.03	−1.69	−1.97	−1.65	−1.59	−1.33	−1.44	−1.56	−1.60	−1.82	−1.66
15	−1.67	−0.36	−0.77	−1.03	−1.01	−1.21	−0.97	−1.33	−0.67	−0.51	−0.04	−0.78	−0.71	−0.74	−1.13	−0.86
16	−0.64	−0.08	−0.42	−0.34	−0.42	−0.18	−0.23	−0.26	−0.17	+0.07	+0.38	−0.18	−0.13	−0.22	−0.27	−0.21
17	+0.06	−0.01	−0.41	+0.05	−0.26	+0.65	+0.11	+0.24	+0.14	+0.35	+0.54	−0.11	+0.12	+0.03	+0.18	+0.11
18	+0.30	−0.12	−0.29	+0.05	−0.40	+1.15	+0.36	+0.42	+0.22	+0.65	+0.83	+0.09	+0.28	+0.16	+0.38	+0.27
19	+0.81	+0.27	−0.03	+0.14	−0.33	+1.28	+0.58	+0.66	+0.40	+1.00	+1.11	+0.41	+0.65	+0.38	+0.55	+0.52
20	+0.85	+0.43	+0.15	+0.38	−0.15	+1.32	+0.69	+0.77	+0.52	+1.24	+1.22	+0.59	+0.77	+0.57	+0.66	+0.67
21	+0.90	+0.51	+0.50	+0.56	+0.15	+1.37	+0.85	+0.88	+0.57	+1.39	+1.44	+0.73	+0.90	+0.76	+0.81	+0.82
22	+0.90	+0.54	+0.71	+0.66	+0.36	+1.39	+0.95	+0.86	+0.57	+1.63	+1.52	+0.70	+0.92	+0.89	+0.89	+0.90
23	+1.03	+0.67	+0.98	+0.94	+0.61	+1.42	+1.00	+0.94	+0.77	+1.80	+1.65	+0.79	+1.04	+1.12	+0.99	+1.05
24	+1.09	+0.65	+1.17	+1.08	+0.87	+1.34	+1.08	+0.96	+0.79	+1.82	+1.60	+0.82	+1.04	+1.22	+1.06	+1.11

Diurnal Variation of F.

1918.

[Five International quiet days. Time 8^h E of Greenwich; 24^h or 0^h = midnight.]

Hour.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group Means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	−16	−21	−27	−25	−24	−18	−21	−19	−21	−26	−16	−20	−18	−25	−20	−21
2	−16	−19	−24	−22	−22	−17	−20	−18	−18	−25	−16	−16	−17	−22	−19	−19
3	−12	−17	−25	−20	−21	−16	−19	−19	−14	−22	−15	−14	−14	−20	−19	−18
4	−12	−15	−24	−22	−20	−16	−18	−13	− 8	−21	−16	−13	−14	−19	−17	−16
5	−11	−12	−21	−22	−18	−16	−17	−13	− 9	−19	−19	−12	−14	−18	−16	−16
6	− 8	− 9	−19	−22	−14	−14	−11	− 9	− 9	−18	−19	− 9	−11	−17	−12	−13
7	− 1	− 4	−12	−20	− 5	− 8	0	− 4	−11	−14	−11	− 6	− 6	−14	− 4	− 8
8	+ 7	+ 9	+ 1	−13	+ 4	0	+13	+ 2	− 3	0	0	− 3	+ 3	− 4	+ 5	+ 1
9	+18	+19	+15	+ 6	+19	+12	+24	+11	+ 7	+14	+ 9	+ 4	+12	+10	+16	+13
10	+30	+29	+33	+28	+30	+25	+35	+21	+21	+34	+24	+17	+25	+29	+28	+27
11	+35	+32	+45	+42	+41	+34	+40	+30	+30	+48	+32	+25	+31	+41	+36	+36
12	+31	+33	+45	+41	+47	+36	+40	+29	+31	+48	+30	+22	+29	+41	+38	+36
13	+23	+25	+35	+38	+42	+33	+31	+23	+27	+41	+25	+16	+22	+35	+32	+30
14	+ 8	+15	+27	+34	+33	+26	+20	+18	+22	+27	+16	+13	+13	+28	+24	+22
15	+ 2	+ 7	+16	+27	+18	+15	+ 8	+11	+12	+13	+10	+11	+ 8	+17	+13	+12
16	− 3	0	+ 6	+13	+ 6	+ 6	0	+ 4	+ 6	0	+ 5	+ 9	+ 3	+ 6	+ 4	+ 4
17	− 6	− 3	+ 2	+ 1	− 4	− 2	− 6	− 2	+ 1	− 4	+ 2	+ 6	0	0	− 4	− 1
18	− 8	− 2	− 3	− 2	− 9	− 7	− 9	− 6	− 2	− 5	+ 1	+ 1	− 2	− 3	− 8	− 4
19	−11	− 7	− 6	− 3	−12	− 9	−10	− 8	− 6	− 8	− 3	− 1	− 6	− 6	−10	− 7
20	− 8	−10	−10	− 8	−16	−11	−11	− 9	− 8	−10	− 4	− 4	− 6	− 9	−12	− 9
21	−10	−10	−13	−12	−17	−13	−14	− 9	−10	−13	− 9	− 7	− 9	−12	−13	−11
22	−10	−10	−17	−12	−18	−14	−15	− 8	−10	−15	− 9	− 6	− 9	−14	−14	−12
23	−12	−12	−17	−13	−18	−15	−17	− 8	−10	−15	−10	− 6	−10	−14	−14	−13
24	−11	−11	−18	−11	−21	−15	−17	− 8	−11	−16	− 9	− 4	− 9	−14	−15	−13

1918.

Summary of Monthly Means, 1918.

Month.	D.	Y.	H.	X.	Z.	I.	F.
	° ′	γ	γ	γ	γ	° ′	γ
January	0 35.46	393	38058	38056	10994	16 6.76	39614
February	0 35.56	394	38101	38099	10986	16 5.06	39653
March	0 35.08	389	38099	38097	10974	16 4.11	39648
April	0 34.78	385	38073	38071	10981	16 5.32	39625
May	0 35.33	392	38101	38099	10977	16 4.33	39652
June	0 35.66	395	38115	38113	10944	16 1.26	39655
July	0 36.01	403	38114	38112	10946	16 1.37	39656
August	0 35.58	394	38078	38076	10961	16 3.50	39623
September	0 35.40	392	38113	38111	10985	16 4.71	39665
October	0 35.34	392	38150	38148	10996	16 4.73	39703
November	0 35.77	397	38137	38135	11027	16 7.57	39700
December	0 35.66	396	38116	38114	11063	16 11.08	39689
Year	0 35.47	394	38115	38113	10986	16 4.98	39657

HOURLY VALUES OF DECLINATION.

JANUARY, 1918. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.97	35.97	35.82	35.82	35.68	35.40	34.97	34.82	35.54	36.68	37.83	37.25	36.40	35.97	36.25
2	35.98	35.98	35.98	35.83	35.69	35.26	34.69	34.98	35.69	37.26	38.55	39.12	37.98	37.26	36.98
3	36.14	36.14	36.00	35.71	35.43	35.14	34.71	34.57	35.85				36.00	35.57	35.86
4	36.02	36.02	36.02	35.88	35.73	35.16	34.02	33.73	34.02	35.16	35.45	35.88	35.73	35.88	35.16
5 b	35.61	35.75	35.90	35.75	35.61	35.47	34.90	34.61	35.61	36.18	37.04	36.61	36.33	36.04	35.90
6	35.77	35.63	35.92	35.77	35.77	35.20	34.34	33.77	34.63	35.35	36.20	36.92	37.20	37.63	37.78
7	35.94	35.79	35.79	35.65	35.37	34.94	34.22	33.51	34.22	34.79	35.94	36.37	36.51	36.08	35.65
8 a	35.81	35.81	35.81	35.67	35.39	35.10	34.67	34.96	35.67	36.39	37.10	37.53	36.96	35.81	35.39
9	35.69	35.69	35.69	35.55	35.41	35.12	34.26	34.55	35.41	36.69	37.55	37.26	36.98	36.26	36.12
10	35.71	35.57	35.57	35.43	35.28	34.85	34.14	33.57	34.57	36.28	37.00	37.28	36.71	35.71	35.43
11 a	35.60	35.46	35.17	34.88	34.74	34.17	33.45	34.03	35.46	36.74	38.74	39.32	38.60	37.31	35.88
12 b	35.62	35.62	35.48	35.33	35.19	35.05	34.05	34.33	34.62	35.62	36.76	36.48	36.19	35.62	35.05
13	35.64	35.78	35.78	35.64	35.21	34.78	33.78	33.35	33.92	34.92	36.21	37.35	37.07	36.64	36.21
14	35.80	35.80	35.66	35.52	35.52	34.94	34.23	34.51	35.23	36.95	37.80	38.09	36.09	36.09	35.37
15	35.54	35.68	35.68	35.54	35.11	34.68	33.96	34.53	34.82	36.54	37.25	37.11	36.97	36.68	35.96
16	35.70	35.84	35.84	35.98	35.56	34.55	33.41	32.98	34.13	35.70	36.84	37.56	35.84	35.56	35.41
17 a	35.68	35.54	35.39	35.25	34.96	34.82	33.96	33.96	34.68	35.69	35.97	35.69	35.69	35.54	35.54
18 a	35 23	35.38	35.38	35.23	35.09	34.80	33.80	33.66	34.52	34.95	35.38	35.52	35.38	34.95	34.52
19 a	35.35	35.35	35.35	35.20	35.06	34.63	33.49	33.63	34.20	35.20	36.06	35.78	35.92	35.49	35.20
20	34.90	35.04	35.18	35.04	34.75	34.47	33.47	33.61	34.75	36.04	36.61	35.90	36.04	35.90	36.18
21	35.02	34.88	34.88	43.73	34.59	34.16	33.30	33.59	35.59	37.45	37.74	36.59	36.31	35.59	35.16
22	34.99	34.99	34.99	34.85	34.70	34.56	33.56	34.28	35.56	36.28	36.42	36.28	36.56	35.85	35.42
23	34.97	34.83	34.68	34.68	34.54	34.26	33.83	34.40	35.11	36.69	36.69	36.26	36.11	35.69	35.26
24	34.95	34.81	34.81	34.81	34.66	34.52	33.52	33.81	34.66	36.24	35.95	35.67	35.24	34.66	34.95
25	35.35	35.06	35.06	34.92	34.63	33.78	33.35	34.21	36.21	37.64	37.78	37.35	36.78	36.21	36.06
26	34.76	34.90	34.90	34.76	34.61	34.19	33.47	34.90	35.90	37.19	37.19	37.05	35.19	34.47	34.33
27	34.88	34.88	34.74	34.45	34.02	33.45	33.16	33.88	34.88	36.31	37.31	37.45	36.17	34.88	35.02
28	34.99	34.85	34.71	34.56	34.56	34.42	33.42	33.99	34.56	36.28	36.85	36.71	35.71	34.71	34.85
29 b	34.69	34.69	34.54	34.69	34.83	34.54	34.26	34.97	35.83	36.83	36.69	36.26	35.55	35.26	35.26
30 b	35.10	35.24	35.38	35.53	35.38	34.81	33.81	32.67	33.67	34.38	34.81	34.81	35.10	35.10	35.53
31 b	34.78	34.78	34.64	34.78	33.64	33.06	31.06	31.35	33.06	34.49	34.21	34.07	34.64	34.78	34.21
Mean	35.43	35.41	35.38	35.27	35.06	34.65	33.85	33.99	34.92	36.10	36.73	36.72	36.29	35.78	35.54
Mean a	35.53	35.51	35.42	35.25	35.05	34.70	33.87	34.05	34.91	35.79	36.65	36.77	36.51	35.82	35.31
Mean b	35.16	35.22	35.19	35.22	34.93	34.59	33.62	33.59	34.56	35.50	35.90	35.65	35.56	35.36	35.19

FEBRUARY, 1918. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.20	35.06	35.06	34.91	34.48	34.77	33.34	34.20	34.91	35.27	36.56	36.85	36.70	36.56	35.42
2	35.69	35.69	35.55	35.69	35.69	35.12	34.98	36.12	36.55	38.41	37.69	35.98	35.69	35.98	36.26
3	36.11	35.97	35.83	35.54	35.25	35.11	34.68	35.68	36.54	37.40	37.11	36.54	36.25	36.11	36.54
4	35.82	35.96	36.10	36.10	35.96	35.82	35.10	35.53	36.39	37.67	37.39	36.39	36.10	35.82	36.10
5 b	35.81	35.95	35.95	35.95	35.81	35.52	35.09	35.95	36.66	37.95	36.52	35.66	35.95	36.23	36.52
6 b	35.94	35.94	35.94	35.80	35.65	35.51	35.37	36.08	37.51	37.94	36.51	35.80	36.37	37.65	37.08
7	35.93	35.79	35.50	35.36	35.36	35.21	35.07	35.36	35.64	35.50	35.07	34.64	34.78	35.07	35.50
8 a	35.78	35.63	35.63	35.49	35.49	35.35	35.20	35.63	37.63	38.21	36.49	36.06	35.92	36.06	36.20
9	35.91	35.77	35.77	35.62	35.34	34.91	34.76	35.34	35 91	36.05	35.62	35.05	35.91	36.48	36.48
10	35.76	35.76	35.76	35.61	34.75	34.18	34.04	34.47	35.47	36.76	35.90	35.47	35.04	35.33	35.61
11	36.03	35.89	35.89	35.60	35.03	34.74	33.89	34.46	35.75	36.32	36.17	36.32	36.75	36.89	36.17
12 b	35.59	35.59	35.59	35.74	35.45	34.45	32.73	33.59	34.02	34.59	35.02	34.31	34.59	35.31	36.74
13 b	35.44	35.73	36.01	36.01	35.87	35.73	35.01	34.72	34.58	34.58	34.44	34.30	35.01	36.01	35.87
14	35.57	35.72	35.86	36.14	36.43	36.29	35.14	34.86	34.57	35.00	34.57	34.29	34.57	35.43	35.57
15 b	35.42	35.56	35.71	35.71	35.56	35.42	34.42	34.28	34.56	34.70	34.42	34.85	35.56	35.85	36.28
16	35.55	35.84	36.41	35.98	35.84	34.98	34.55	34.27	34.69	34.55	34.41	35.12	35.70	35.98	36.27
17	35.26	35.40	35.40	35.26	34.97	34.83	34.54	35.26	35.54	35.69	35.97	35.83	35.83	35.83	36.11
18	35.10	35.10	35.25	35.39	35.25	35.10	34.96	35.53	35.96	36.53	36.68	36.10	36.10	35.68	35.82
19 a	35.09	35.09	34.24	35.38	35.38	35.24	34.95	35.96	36.24	36.67	36.09	35.38	35.24	35.52	35.52
20	35.37	35.37	35.37	35.37	35.23	35.08	34.80	34.80	34.94	34.94	34.51	34.23	34.51	34.94	35.08
21	35.22	35.22	35.07	34.93	34.79	34.50	34.07	34.50	34.79	35.22	35.65	35.93	35 79	35.36	35.50
22 a	35.22	35.22	35.22	35.07	35.07	34.79	34.36	34.64	34.79	34.93	35.22	34.93	34.07	34.50	34.93
23	35.21	35.35	35.35	35.35	35.21	34.78	34.92	35.49	36.06	36.35	36.35	36.35	34.63	34.92	35.49
24	35.34	34 91	35.34	35.63	35.77	34.62	35.20	35.48	35.77	35.77	35.91	35.91	35.48	35.34	35.34
25 a	35.33	35.19	35.19	35.33	35.47	35.76	36.04	36.33	36.62	36.19	35.33	34.76	34.61	35.04	35.47
26 a	35.32	35.32	35.46	35.46	35.46	35.46	35.89	36.32	36.03	35.75	35.32	35.18	35.46	36.03	36.18
27	35.31	35.31	35.45	35.60	35.45	35.17	34.88	35.02	35.17	35.17	35.45	35.88	36.17	36.45	36.74
28	35.17	35.17	35.17	35.31	35.02	34.45	33.88	34.17	34.45	34.59	34.45	35.17	35.02	34.88	36.02
Mean	35.52	35.52	35.57	35.55	35.39	35.10	34.71	35.14	35.63	36.03	35.74	35.48	35.49	35.76	35.96
Mean a	35.35	35.29	35.35	35.35	35.37	35.32	35.29	35.77	36.26	36.35	35.69	35.26	35.06	35.43	35.66
Mean b	35.64	35.75	35.84	35.84	35.67	35.33	34.52	34.92	35.47	35.95	35.38	34.98	35.50	36.21	36.50

a Five international quiet days. b Five international disturbed days.

HOURLY VALUES OF DECLINATION.

JANUARY, 1918. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	′
36.40	36.40	36.25	36.25	36.25	35.97	35.82	35.82	35.97	36.06	11	15	37.97	8	00	34.82	3.15	1
36.69	36.41	36.12	36.26	36.26	36.12	35.98	35.98	36.12	36.38	12	00	39.12	7	00	34.69	4.43	2
		36.14	36.14	36.00	36.00	35.86	35.86	36.00									3
35.59	35.88	36.02	36.16	36.02	35.88	35.59	35.73	35.59	35.51	19	00	36.16	8	00	33.73	2.43	4
35.75	36.04	35.90	35.75	35.75	35.61	35.61	35.61	35.75	35.80	11	00	37.04	8	00	34.61	2.43	5
37.49	36.49	36.20	36.06	36.06	35.92	35.92	36.06	36.06	36.01	14	10	37.92	8	00	33.77	4.15	6
35.94	36.22	36.08	36.08	35.94	35.79	35.65	35.65	35.65	35.57	12	33	36.66	8	00	33.51	3.15	7
35.81	36.24	36.10	36.10	36.10	35.96	35.81	35.67	35.67	35.90	11	35	37.67	7	00	34.67	3.00	8
35.83	35.69	35.69	35.83	35.83	35.83	35.69	35.69	35.69	35.83	11	00	37.55	7	30	34.19	3.36	9
36.00	36.28	36.57	36.14	36.00	35.85	35.71	35.57	35.71	35.71	12	00	37.28	8	00	33.57	3.71	10
36.17	36.31	36.03	36.03	35.88	35.74	35.60	35.74	35.60	35.94	12	00	39.32	7	00	33.45	5.87	11
35.62	36.19	36.05	35.90	36.19	35.76	35.48	35.33	35.48	35.54	11	00	36.76	7	00	34.05	2.71	12
36.07	36.21	35.64	35.78	35.78	35.78	35.64	35.64	35.78	35.52	12	00	37.35	7	44	33.06	4.29	13
35.23	35.94	35.66	35.23	35.23	35.23	35.09	35.23	35.37	35.70	12	00	38.09	7	12	34.16	3.93	14
35.39	35.11	35.39	35.39	35.39	35.25	35.25	35.39	35.54	35.59	11	00	37.25	7	15	33.89	3.36	15
35.70	35.41	35.27	35.27	35.41	35.41	35.41	35.56	35.70	35.42	12	00	37.56	8	00	32.98	4.58	16
35.40	35.40	35.11	35.25	35.25	35.11	35.11	35.11	35.11	35.22	11	00	35.97	7	45	33.89	2.08	17
35.09	35.23	35.23	35.23	35.23	35.38	35.38	35.38	35.38	35.06	12	00	35.52	7	12	33.52	2.00	18
35.49	35.92	35.63	35.35	35.35	35.20	35.06	35.06	34.92	35.16	11	17	36.00	7	00	33.49	2.71	19
36.76	36.47	35.61	35.47	35.33	35.33	35.18	35.18	35.04	35.34	16	36	36.90	7	00	33.47	3.43	20
36.02	36.45	36.02	35.59	35.74	35.31	35.31	35.16	35.02	35.42	11	00	37.74	7	00	33.30	4.44	21
36.13	36.28	35.85	35.56	35.28	35.28	35.13	34.99	34.99	35.37	13	00	36.56	7	00	33.56	3.00	22
35.83	35.69	35.26	35.40	35.54	35.11	34.97	34.97	34.97	35.24	10	40	36.90	7	00	33.83	3.07	23
35.52	35.81	35.67	35.67	35.52	35.52	35.38	35.24	35.09	35.11	10	00	36.24	7	00	33.52	2.72	24
35.92	35.64	34.63	34.92	34.92	34.92	34.78	34.63	34.63	35.39	10	30	37.92	7	00	33.35	4.57	25
34.90	35.04	35.04	35.04	35.19	35.19	35.04	34.90	34.90	35.16	11	00	37.90	7	00	33.47	4.43	26
35.31	35.60	35.17	35.02	34.88	35.02	34.74	35.02	35.02	35.05	12	00	37.45	6	41	33.02	4.43	27
35.28	35.14	34.56	34.85	34.99	35.28	34.99	34.99	34.85	35.00	11	00	36.85	7	00	33.42	3.43	28
35.40	35.26	35.12	35.12	35.26	35.12	34.97	35.12	35.26	35.23	10	15	36.97	6	36	33.98	2.99	29
35.67	35.67	34.24	34.81	34.81	35.10	34.52	34.67	35.10	34.83	16	36	35.81	8	00	32.67	3.14	30
34.78	34.92	34.78	34.92	35.35	34.92	34.92	35.35	35.21	34.28	22	33	35.49	7	37	29.92	5.57	31
35.77	35.84	35.58	35.57	35.57	35.48	35.34	35.36	35.39	35.44	---		37.14	---		33.59	3.55	---
35.59	35.82	35.62	35.59	35.56	35.48	35.39	35.39	35.34	35.46	---		36.93	---		33.80	3.13	---
35.44	35.62	35.22	35.30	35.47	35.30	35.10	35.22	35.36	35.14	---		36.41	---		33.04	3.37	---

FEBRUARY, 1918. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	′
35.42	35.27	34.99	35.27	35.27	35.27	35.13	34.99	34.85	35.24	12	24	37.14	7	15	33.20	3.94	1
36.55	36.41	36.12	36.26	36.26	36.26	36.12	36.12	36.12	36.14	10	26	38.70	6	40	34.69	4.01	2
36.68	36.83	36.40	36.25	36.11	36.11	35.97	35.97	35.83	36.12	10	00	37.40	7	00	34.68	2.72	3
36.53	36.82	36.96	36.39	36.24	35.96	35.82	35.67	35.67	36.18	10	20	37.96	7	00	35.10	2.86	4
36.95	37.81	36.95	35.95	36.09	35.81	35.81	35.66	35.81	36.18	10	00	37.95	7	00	35.09	2.86	5
37.37	36.94	36.51	36.65	36.65	36.80	36.80	35.94	35.94	36.45	9	53	38.37	7	00	35.37	3.00	6
35.64	35.79	35.93	35.93	36.07	36.07	36.07	35.93	35.79	35.54	19	45	36.21	12	00	34.64	1.57	7
36.35	36.49	36.78	36.63	36.49	35.35	35.92	35.92	35.92	36.15	10	00	38.21	7	00	35.20	3.01	8
36.62	36.48	36.34	36.34	36.19	36.19	36.05	35.91	35.91	35.87	16	00	36.62	7	00	34.76	1.86	9
35.76	35.47	35.76	36.04	36.18	36.04	36.04	36.04	36.04	35.55	10	00	36.76	7	00	34.04	2.72	10
35.60	35.89	36.03	35.46	35.03	35.03	35.32	35.17	35.46	35.62	14	00	36.89	7	00	33.89	3.00	11
36.45	36.02	35.45	35.31	35.16	35.02	34.88	35.02	35.16	35.07	15	00	36.74	7	00	32.73	4.01	12
35.58	35.44	34.87	35.01	35.01	35.01	34.58	35.01	35.30	35.21	4	16	36.15	12	20	34.16	1.99	13
35.86	35.86	35.57	35.43	35.29	35.43	35.14	35.29	35.29	35.38	5	00	36.43	12	00	34.29	2.14	14
36.42	36.13	35.56	35.71	35.56	35.28	35.28	35.28	35.42	35.37	16	00	36.42	8	00	34.28	2.14	15
36.55	36.84	36.12	35.55	35.70	35.27	34.98	35.12	35.27	35.48	16	52	36.98	8	00	34.27	2.71	16
35.69	35.83	35.54	35.54	35.40	35.26	35.11	34.97	35.11	35.42	15	00	36.11	6	44	34.40	1.71	17
36.10	35.96	35.68	35.53	35.53	35.39	35.25	35.10	35.10	35.59	11	00	36.68	6	30	34.82	1.86	18
35.67	35.67	35.67	35.81	35.96	35.67	35.38	35.38	35.38	35.57	10	30	36.96	6	30	34.81	2.15	19
35.37	35.94	35.80	35.80	35.66	35.37	35.23	35.23	35.23	35.17	17	0	35.94	12	00	34.23	1.71	20
36.07	36.22	35.93	35.93	35.79	35.50	35.36	35.22	35.22	35.32	16	35	36.36	7	00	34.07	2.29	21
35.07	35.22	35.07	35.36	35.65	35.50	35.22	35.07	35.22	35.01	20	00	35.65	13	00	34.07	1.58	22
35.78	35.92	35.78	35.64	35.64	35.64	35.21	35.35	35.49	35.47	10	30	36.49	12	45	34.49	2.00	23
35.34	35.20	35.05	35.34	35.48	35.34	35.34	35.34	35.34	35.40	11	40	36.05	5	50	34.48	1.57	24
35.76	35.76	35.62	35.47	35.47	35.33	35.19	35.04	35.19	35.48	9	00	36.62	13	00	34.61	2.01	25
36.18	36.03	35.46	35.46	35.32	35.18	35.03	35.18	35.18	35.57	8	00	36.32	22	00	35.03	1.29	26
36.88	36.45	36.02	35.88	35.74	35.31	35.17	35.02	35.02	35.61	16	00	36.88	7	00	34.88	2.00	27
36.17	35.88	35.60	35.31	35.17	35.17	34.88	34.88	35.17	35.05	15	17	36.46	7	00	33.88	2.58	28
36.09	36.09	35.84	35.76	35.72	35.59	35.44	35.39	35.44	35.58	---		36.83	---		34.43	2.40	---
35.81	35.83	35.72	35.75	35.78	35.61	35.35	35.32	35.38	35.56	---		36.75	---		34.74	2.01	---
36.55	36.47	35.87	35.73	35.69	35.58	35.47	35.38	35.53	35.66	---		37.13	---		34.33	2.80	---

HOURLY VALUES OF DECLINATION.

MARCH, 1918. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.30	35.87	35.87	35.73	36.01	35.59	34.87	34.44	34.01	33.73	33.87	34.01	34.73	35.01	36.01
2	35.15	35.29	35.29	35.43	35.72	36.00	36.29	36.15	35.86	35.58	34.86	34.57	34.00	33.86	34.43
3	35.14	35.28	35.28	35.14	35.14	35.14	34.99	34.99	34.99	35.14	34.85	34.71	34.56	34.85	34.85
4	35.41	35.56	35.70	35.56	35.27	34.98	35.13	35.41	35.27	34.70	34.70	33.98	34.13	34.27	34.85
5 [a]	35.26	35.40	35.40	35.40	35.40	35.26	35.83	36.12	36.26	35.69	34.84	34.69	34.54	34.84	35.12
6 [a]	35.11	35.11	35.11	35.11	35.11	34.96	35.39	35.82	35.68	35.11	34.83	34.53	34.68	35.54	36.25
7	35.10	35.24	35.24	35.24	35.10	34.95	34.81	34.81	34.81	35.10	35.24	35.24	34.67	34.95	35.53
8 [b]	34.94	35.09	35.09	35.09	34.94	34.80	33.51	34.66	35.66	34.80	35.23	35.52	35.09	24.80	34.66
9	34.79	34.65	34.93	35.08	34.79	34.65	34.50	34.36	34.36	34.22	34.22	34.08	33.93	34.22	34.79
10	35.51	35.79	35.36	35.22	35.08	34.93	35.08	35.51	35.79	35.36	35.08	34.79	34.08	34 65	34.79
11 [b]	35.64	35.78	35.64	35.50	35.35	35.35	35.64	34.78	35.07	34.78	34.78	34.64	34.78	35.07	35.92
12 [b]	35.49	35.63	35.77	35.63	35.91	35.77	35.34	35.06	34.91	33.34	33.34	33.20	33.05	33.77	34.48
13	35.19	35.48	35.48	35.19	35.62	35.90	35.76	35.62	35.48	35.33	34.62	33.90	34.33	34.47	35.05
14	35.18	35.18	35.04	35.04	35.18	35.32	35.75	36.32	36.47	36.32	35.61	33.89	33.03	33.32	33.61
15 [b]	34.88	35.03	35.17	35.31	35.46	35.74	36.03	36.46	36.89	36.17	35.31	34.88	33.88	34.17	34.45
16 [b]	34.73	34.44	34.59	34.73	34.73	34.44	34.73	34.73	34.59	34.59	34.44	33.16	32.30	32.59	33.87
17	35.29	35.01	35.01	35.29	35.29	35.15	35.72	36.15	36.44	36.87	36.15	34.43	33.28	33.85	34.71
18	34.83	34.83	34.69	34.69	34.55	34.55	35.26	35.55	35.98	35.98	35.55	34.98	34.12	33.83	34.12
19 [a]	34.82	34.82	34.68	34.68	34.68	34.97	35.40	35.97	36.40	36.11	35.11	33.68	32.96	33.39	34.11
20	34.67	34.67	34.67	34.53	34.38	34.53	34.53	35.53	35.53	35.67	34.67	33.67	32.95	33.53	34.38
21	34.80	34.80	34.80	34.66	34.80	35.09	35.66	36.09	36.52	36.95	35.23	33.52	32.94	33.23	34.37
22	34.94	34.79	34.79	34.65	34.65	35.08	36.22	36.51	36.37	36.08	34.94	34.22	33.22	33.08	33.94
23	34.93	35.36	35.36	35.21	34.93	35.21	35.36	35.50	35.64	35.07	34.64	33.78	33.07	32.92	33.50
24 [a]	34.77	34.92	34.77	34.92	34.92	34.77	35.49	35.63	35.77	36.06	35.77	35.49	35.06	34.92	35.35
25 [a]	34.76	34.91	34.91	34.76	34.76	34.62	34.62	35.05	35.62	35.48	34.91	34.48	33.76	34.33	34.91
26	34.89	34.89	34.89	34.74	34.60	34.46	34.89	35.46	35.74	35.60	35.17	34.46	34.17	34.31	34.89
27	35.16	35.45	35.45	35.16	34.88	34.59	34.88	35.59	35.88	36.45	36.02	34.73	33.45	33.59	34.30
28	35.01	35.15	35.44	35.15	34.87	35.15	36.01	36.30	36.15	35.44	34.72	33.87	33.01	32.86	33.29
29	35.14	35.29	35.29	35.29	35.00	34.14	34.43	34.71	35.43	35.57	35.43	34.86	33.57	33.71	34.28
30	34.99	34.99	34.85	34.85	34.70	34.70	34.99	35.42	35.85	36.28	35.99	34.56	32.99	32.84	33.13
31	35.12	35.12	35.12	34.98	34.84	35.27	35.98	36.41	36.55	36.98	36.41	34.98	33.98	33.69	33.84
Mean	35.06	35.16	35.15	35.10	35.05	35.03	35.36	35.52	35.68	35.50	35.05	34.37	33.82	34.01	34.57
Mean [a]	34.94	35.03	34.97	34.97	34.97	34.92	35.35	35.72	35.95	35.69	35.09	34.57	34.20	34.60	35.15
Mean [b]	35.14	35.19	35.25	35.25	35.28	35.22	35.05	35.14	35.42	34.74	34.62	34.28	33.82	34.08	34.68

APRIL, 1918. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	34.97	34.97	34.97	34.97	34.83	34.83	34.97	35.54	36.11	36.26	35.40	34.40	33.68	34.25	34.54
2	34.96	34.96	34.82	34.82	34.53	34.39	34.82	35.53	35.96	35.53	34.53	33.53	32.96	33.10	33.67
3	34.52	34.52	34.81	34.66	34.52	34.66	34.95	35.38	35.52	35.66	34.52	34.66	33.66	33.81	34.23
4	34.52	34.52	34.52	34.38	34.38	34.81	35.52	35.95	36.24	36.38	35.24	34.09	33.23	32.66	33.09
5 [b]	34.51	34.65	34.80	34.94	34.65	34.22	33.65	33.37	33.80	33.51	33.22	32.94	32.79	32.94	33.37
6 [b]	34.50	34.79	34.93	35.07	34.50	33.93	34.07	34.21	34.50	34.36	32.93	32.36	32.07	32.36	32.78
7	34.92	35.06	35.21	35.35	35.06	35.63	36.21	35.78	34.78	34.49	33.63	33.49	33.06	32.77	33.35
8	34.77	35.05	35.34	34.48	35.20	34.62	35.05	35.34	35.62	35.34	33.91	32.91	32.19	32.48	33.62
9	35.33	35.47	35.61	35.33	35.47	35.61	36.33	36.90	36.47	35.90	34.47	33.04	32.18	32.61	32.61
10	34.76	34.76	34.76	34.76	34.47	34.33	34.61	35.04	35.47	36.04	35.90	35.61	34.18	33.33	33.47
11 [b]	34.89	34.89	34.75	34.75	35.03	35.89	37.32	37.61	35.75	34.60	33.89	33.32	32.89	33.03	33.46
12	35.02	35.45	35.31	34.74	34.59	35.17	35.45	34.74	34.16	33.74	33.31	33.16	33.16	32.88	33.02
13 [a]	34.73	34.73	34.58	34.73	34.58	35.44	36.44	36.16	35.58	35.30	34.73	34.44	33.87	33.01	33.58
14 [a]	34.57	34.72	34.72	34.72	34.57	35.00	35.29	35.15	35.00	34.72	34.00	33.00	32.86	32.71	33.00
15 [a]	34.56	34.56	34.56	34.56	34.56	35.42	35.85	35.42	35.14	34.42	33.85	32.99	32.70	32.42	32.56
16	34.70	34.41	34.84	34.70	34.56	34.98	35.20	35.20	35.06	35.06	34.63	33.92	33.63	34.06	34.63
17	34.76	34.91	34.91	34.76	34.91	35.34	36.05	36.48	36.34	36.19	35.40	34.69	33.83	33.54	33.69
18	34.96	35.25	35.25	35.25	35.39	35.82	36.68	37.25	36.54	34.25	33.53	32.82	32.68	33.25	33.53
19 [b]	35.54	36.25	36.25	36.39	36.39	36.54	37.25	36.97	36.39	36.11	35.54	34.82	34.96	35.11	35.54
20 [a]	35.39	35.54	35.54	35.68	35.82	36.39	36.54	36.11	35.54	35.25	34.82	33.96	33.53	33.39	33.96
21	35.24	35.38	35.53	35.53	35.53	36.24	36.67	36.96	36.67	35.53	34.95	34.81	34.81	34.67	34.95
22	36.10	36.53	36.67	36.81	36.96	37.10	37.53	36.67	36.67	35.81	35.24	35.24	35.53	35.24	35.24
23	35 53	35.96	36.10	36.10	36.10	36.38	36.67	35.96	35.81	35.24	34.53	34.24	34.67	34.53	35.24
24 [a]	35.95	36.09	36.23	35.80	35.95	36.52	37.09	36.66	36.37	35.09	34.23	33.80	33.51	33.66	33.80
25	35.66	35.95	36.09	36.09	36.23	37.09	38.52	38.38	37.80	36.23	34.52	32.66	32.51	33.23	34.09
26 [b]	35.80	36.37	36.66	36.95	36.80	38.09	36.66	36.09	35.23	33.66	33.37	33.51	33.66	34.23	35.23
27	35.51	36.08	36.79	35.94	36.22	36.79	36.94	36.08	35.08	33.93	33.08	32.79	33.36	33.93	35.22
28	35.65	35.79	35.94	36.08	36.22	37.08	37.79	37.51	36.65	35.22	34.51	34.22	34.08	34.65	35.22
29	35.22	35.22	35.51	35.36	35.36	36.22	36.65	36.22	36.08	35.79	34.93	33.79	33.79	34.79	35.08
30	35.21	35.21	35.21	35.21	35.50	36.78	37.64	37.36	36.64	35.21	34.64	33.49	33.35	33.64	33.92
Mean	35.09	35.27	35.34	35.33	35.30	35.71	36.15	36.07	35.77	35.16	34.42	33.76	33.45	33.54	33.99
Mean [a]	35.04	35.13	35.13	35.10	35.10	35.75	36.24	35.90	35.53	34.96	34.33	33.64	33.29	33.04	33.38
Mean [b]	35.05	35.39	35.48	35.62	35.47	35.73	35.79	35.67	35.13	34.45	33.79	33.39	33.27	33.53	34.08

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MARCH, 1918. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
36.44	36.30	36.16	35.73	35.44	35.16	35.01	35.16	35.16	35.23	16	00	36.44	10	00	33.73	2.71	1
35.29	35.86	35.72	35.58	35.43	35.29	35.29	35.29	35.15	35.31	7	00	36.29	14	00	33.86	2.43	2
34.99	35.28	35.57	35.57	34.85	35.14	35.14	35.14	35.28	35.08	18	48	35.78	22	43	34.42	1.36	3
35.41	35.70	35.27	35.13	35.13	35.13	35.13	35.13	35.27	35.09	17	40	35.77	12	00	33.98	1.79	4
35.26	35.40	35.26	35.26	35.12	34.97	34.97	34.97	35.12	35.27	8	30	36.40	13	00	34.54	1.86	5
36.68	36.39	35.68	35.25	34.39	35.25	35.25	35.11	35.11	35.35	16	00	36.68	12	00	34.53	2.15	6
35.67	35.81	35.67	35.67	35.53	35.38	35.10	34.95	34.95	35.20	17	45	36.09	13	00	34.67	1.42	7
34.51	34.66	35.23	35.66	35.09	34.94	34.94	34.80	34.80	34.94	11	30	35.80	9	40	33.37	2.43	8
34.79	34.65	34.79	34.79	34.79	34.79	34.93	35.08	35.22	34.64	2	48	35.36	13	00	33.93	1.43	9
35.08	34.93	34.79	34.93	35.08	34.93	35.08	35.08	35.08	35.08	8	30	35.86	13	00	34.08	1.78	10
36.35	35.92	35.64	35.50	35.07	35.07	34.92	35.07	35.07	35.31	16	00	36.35	12	00	34.64	1.71	11
34.77	34.77	35.06	34.91	34.91	34.77	34.91	34.91	35.06	34.78	5	00	35.91	12	36	32.91	3.00	12
35.76	35.05	34.76	34.90	35.05	34.90	34.90	35.05	35.19	35.12	6	00	35.90	12	00	33.90	2.00	13
34.46	35.04	35.32	35.18	35.04	34.75	34.46	34.61	34.75	34.95	9	00	36.47	13	00	33.03	3.44	14
34.88	35.03	35.31	35.17	35.17	34.74	35.03	35.03	34.60	35.20	9	00	36.89	13	00	33.88	3.01	15
35.02	35.73	35.59	35.30	35.45	35.59	35.16	35.02	34.87	34.60	17	00	35.73	13	00	32.30	3.43	16
35.43	35.57	35.14	35.00	34.85	34.71	34.71	34.71	34.85	35.15	10	00	36.87	13	30	33.00	3.87	17
35.26	35.41	35.55	35.69	35.55	34.98	34.83	34.83	34.69	35.01	10	20	36.12	14	00	33.83	2.29	18
34.54	34.82	34.97	35.11	35.11	35.11	34.97	34.82	34.82	34.84	9	20	36.54	13	00	32.96	3.58	19
35.24	35.81	35.39	35.53	35.24	35.10	34.96	34.81	34.81	34.78	16	40	36.24	13	00	32.95	3.29	20
35.52	35.80	35.38	34.95	34.80	34.66	34.66	34.66	35.09	34.96	10	00	36.95	13	00	32.94	4.01	21
34.65	34.94	34.79	34.79	35.08	35.08	34.94	35.08	35.51	34.93	8	00	36.51	13	36	32.79	3.72	22
35.07	35.64	35.21	35.07	34.93	34.64	34.50	34.50	34.50	34.77	17	32	35.71	14	00	32.92	2.79	23
35.35	35.06	34.92	34.92	34.92	34.77	34.63	34.63	34.63	35.10	10	00	36.06	3	20	34.49	1.57	24
35.19	35.48	35.05	34.76	34.62	34.62	34.62	34.76	34.91	34.83	9	00	35.62	13	00	33.76	1.86	25
35.60	35.32	35.03	34.60	34.46	34.46	34.60	34.74	34.89	34.87	9	00	35.74	13	00	34.17	1.57	26
34.88	35.59	35.02	34.59	34.59	34.59	34.59	34.73	34.88	34.96	10	00	36.45	13	00	33.45	3.00	27
33.72	34.58	34.58	34.72	34.87	34.87	35.01	35.01	35.01	34.78	8	00	36.30	13	33	32.72	3.58	28
34.86	35.43	34.71	35.14	35.14	35.14	35.14	35.14	35.00	34.91	10	00	35.57	13	15	33.43	2.14	29
34.27	34.56	34.99	34.99	34.85	34.85	34.85	34.99	34.99	34.77	10	00	36.28	14	00	32.84	3.44	30
33.98	34.26	34.12	34.41	34.84	34.69	34.84	34.98	34.98	35.02	10	00	36.98	13	20	33.55	3.43	31
35.13	35.32	35.18	35.12	35.04	34.94	34.91	34.93	34.98	34.99	---		36.18	---		33.60	2.58	---
35.40	35.43	35.18	35.06	35.03	34.94	34.89	34.86	34.92	35.08	---		36.26	---		34.06	2.20	---
35.11	35.22	35.37	35.31	35.14	35.02	34.99	34.97	34.88	34.97	---		36.14	---		33.42	2.72	---

APRIL, 1918. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
34.83	35.54	35.11	35.11	35.11	34.68	34.54	34.68	34.97	34.97	9	35	36.40	13	00	33.68	2.72	1
34.39	34.53	34.39	34.24	34.10	34.39	34.39	34.53	34.53	34.48	9	00	35.96	13	00	32.96	3.00	2
34.81	35.09	34.66	34.52	34.52	34.38	34.23	34.23	34.52	34.67	10	20	35.80	13	00	33.66	2.14	3
34.09	34.38	34.23	34.38	34.38	34.38	34.52	34.52	34.52	34.54	9	40	36.52	14	00	32.66	3.86	4
34.22	34.37	34.37	34.51	33.65	33.51	33.80	34.08	34.08	33.91	4	00	34.94	13	00	32.79	2.15	5
32.93	33.21	34.07	33.93	33.64	33.64	33.50	33.79	34.07	33.76	4	00	35.07	12	31	31.93	3.14	6
34.06	34.20	34.35	34.35	34.35	34.35	34.49	34.49	34.63	34.50	7	00	36.21	14	00	33.77	2.44	7
34.19	34.77	34.77	34.48	34.48	34.48	34.34	34.48	34.77	34.49	9	00	35.62	13	00	32.19	3.43	8
33.76	34.47	34.47	34.33	34.33	34.61	34.47	34.61	34.76	34.71	7	26	37.19	13	00	32.18	5.01	9
34.47	35.47	35.04	35.04	34.90	34.76	34.61	34.47	34.76	34.79	10	45	35.18	14	00	33.33	2.85	10
34.03	34.46	34.32	34.60	35.03	35.32	35.18	34.89	35.18	34.80	8	00	37.61	13	00	32.89	4.72	11
33.88	35.02	35.31	34.74	34.74	34.74	34.59	34.59	34.74	34.43	1	36	35.88	14	00	32.88	3.00	12
34.58	35.30	35.01	34.87	34.73	34.58	34.44	34.44	34.44	34.76	7	00	36.44	14	00	33.01	3.43	13
34.14	35.00	35.15	35.00	34.86	34.72	34.57	34.43	34.43	34.43	17	30	35.57	14	00	32.71	2.86	14
33.56	34.28	34.71	34.57	34.28	34.42	34.14	34.14	34.28	34.25	7	00	35.85	14	00	32.42	3.43	15
34.77	34.92	35.06	35.06	35.06	35.06	34.92	34.77	34.63	34.74	6	40	35.34	13	00	33.63	1.71	16
34.55	35.12	34.97	34.97	34.83	34.69	34.69	34.69	34.83	34.96	8	00	36.48	14	00	33.54	2.94	17
33.82	34.54	34.96	35.25	35.25	34.96	34.82	34.82	35.11	34.83	8	00	37.25	13	00	32.68	4.57	18
35.82	36.11	35.82	36.11	35.82	35.54	35.25	35.25	35.25	35.88	7	18	37.39	12	00	34.82	2.57	19
34.68	34.96	35.25	35.25	35.25	35.11	34.96	35.11	35.11	35.13	7	00	36.54	14	00	33.39	3.15	20
35.53	35.67	35.24	35.24	35.10	34.95	34.95	35.24	35.53	35.46	8	00	36.96	14	00	34.67	2.29	21
35.24	35.38	35.53	35.38	35.44	35.24	35.24	35.24	35.38	35.88	6	32	37.81	11	15	35.10	2.71	22
35.53	35.38	35.24	35.24	35.24	35.38	35.53	35.53	35.81	35.50	7	12	36.74	12	00	34.24	2.50	23
34.37	34.94	35.37	35.66	35.52	35.37	35.23	35.37	35.52	35.34	7	00	37.09	13	00	33.51	3.58	24
34.80	35.23	35.33	35.23	35.23	35.23	35.23	35.37	35.52	35.50	7	00	38.52	13	00	32.51	6.01	25
36.23	35.95	35.66	35.52	35.37	35.23	35.23	35.23	35.37	35.50	6	00	38.09	11	00	33.37	4.72	26
35.65	35.51	35.36	35.22	34.93	35.08	35.08	35.22	35.36	35.17	7	00	36.94	12	12	32.50	4.44	27
36.08	35.94	35.51	35.22	35.22	35.36	35.51	35.08	35.22	35.66	7	00	37.79	12	33	33.94	3.85	28
35.51	35.94	36.65	35.51	35.36	35.22	35.22	35.22	35.22	35.37	7	00	36.65	12	30	33.65	3.00	29
35.50	36.07	35.50	35.21	35.21	34.64	34.78	35.21	35.35	35.27	7	00	37.64	13	00	33.35	4.29	30
34.67	35.06	35.01	34.96	34.86	34.80	34.75	34.79	34.93	34.92	---		36.62	---		33.27	3.35	---
34.27	34.90	35.10	35.07	34.93	34.84	34.67	34.70	34.76	34.78	---		36.30	---		33.01	3.29	---
34.65	34.82	34.85	34.95	34.70	34.65	34.59	34.65	34.79	34.77	---		36.62	---		33.16	3.36	---

HOURLY VALUES OF DECLINATION.

MAY, 1918. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	35.34	35.49	35.63	36.06	35.91	36.63	37.06	36.63	35.77	34.91	33.48	32.63	33.34	33.77	34.34
2	35.06	35.20	35.34	35.49	35.63	36.20	36.63	36.49	35.91	35.20	33.20	31.91	32.91	33.63	33.48
3	35.19	35.33	35.48	35.48	35.48	36.19	36.91	36.62	36.48	36.19	35.05	33.76	33.62	34.33	35.19
4	35.48	35.62	35.76	36.05	36.19	36.91	37.62	37.05	36.48	34.90	33.62	32.62	32.19	32.33	33.47
5	35.47	35.61	35.61	35.75	36.04	37.47	37.18	36.61	35 47	33.89	33.32	32.75	32.61	33.75	35.04
6	35.47	35.75	36.18	36.18	36.32	37.90	38.47	37.47	36.04	34.04	33.18	32.61	32.89	33.75	34.61
7 [a]	35.32	35.47	35.47	35.61	35.47	36.32	36.47	36.18	36.04	35.18	34.61	33.75	33.46	33.75	34.61
8 [a]	35.17	35.17	35.31	35.31	35.46	36.31	37.60	36.89	36.31	35.46	34.03	33.17	32.31	33.45	34.03
9 [a]	35.31	35.46	35.60	35.60	35.74	37.60	37.89	37.46	36.60	34.60	33.31	32.88	32.74	33.31	34.03
10	35.16	35.45	35.30	35.30	35.45	36.59	37.45	36.59	36.16	34.59	32.59	32.01	31.87	32.73	33.59
11	35.16	35.30	35.45	35.73	36.02	37.59	38.02	36.88	35.30	33.73	31.87	31.44	31.87	33.44	34.59
12	35.15	35.29	35.15	35.44	35.86	36.44	36.58	36.72	36 29	35.15	33 36	32.58	32.15	32.58	33.72
13	35.01	35.15	35.15	35.29	35.44	37.01	38.15	38.44	37.72	35.58	34.86	33.43	32.86	33.15	33.58
14	34.86	34.86	35.01	35.15	35.44	36.72	37.87	37.01	36.44	35.58	34.29	33.58	33.29	33.86	34.15
15	35.57	35.71	36.00	36.14	36.43	38.29	38.71	38.29	36.57	34.71	33.71	32.85	33.14	33 14	33.14
16 [b]	35.14	35.43	36.14	36.43	36.57	36.71	37.71	38.71	37.43	35.71	34.28	34.28	34.57	34.71	34.71
17 [b]	35.27	35.84	35.99	35.42	34.84	35.56	35.13	34.70	34.27	33.70	33.41	32.27	32.41	32.56	33.56
18 [b]	34.84	35.13	35.27	35.42	36.13	36.85	36.85	36 42	34.99	34.27	33.99	32.70	32.56	33.27	33.99
19 [b]	35.13	35.27	35.42	35.56	35.84	36.56	36.27	35.84	35.56	34 41	33.56	33.27	33.41	33.99	34.56
20	35.27	35.42	35.42	35.42	35.56	36.42	37.13	36.56	34.84	33.56	33.13	32.70	32.27	32.27	32.98
21	35.27	35.56	35.70	35.84	36.13	37.13	37.85	36.56	36.13	34.99	33.99	33.13	32.27	32.41	33.56
22	34.83	34.98	35.12	35.12	35.41	36.12	37.12	36.69	36.41	35.41	35.12	33.98	33.83	34.55	34.69
23	34.98	35.12	35.26	35.41	35.98	37.41	37.69	36.98	36.26	33.98	33.26	32.26	32.12	32.69	34.26
24	34.98	35.12	35.26	35.41	35.83	37.69	38.69	37.98	36.98	35.12	33.98	34.12	34.12	34.26	35.12
25	34.98	35.12	35.26	35.41	35.98	36.98	36.84	36.26	35.69	34.69	33.69	33.26	32.83	33.98	35.12
26 [a]	35.55	35.69	35.83	35.98	36.55	37.84	37.69	36.55	35.98	34.83	33.83	33.26	32.97	33.12	33.40
27 [a]	35.26	35.41	35.83	36.12	36.41	38.27	39.12	38.98	38.27	36.55	34.98	34.26	34.12	33.98	34.69
28	35.54	35.82	35.97	36.11	36.54	38.26	38.26	37.25	36.11	34.25	33.39	32.54	32.54	33.39	33.68
29	35.25	35.40	35.54	35.82	36.11	37.68	38.11	36.83	35.54	34.11	33.54	33.39	33.97	33.97	34.25
30	36.11	36.25	36.54	36.68	36.83	37.97	38.40	37.97	36.25	35.11	34.82	34.25	33.54	33.82	34.68
31	35.82	35.97	36.11	36.11	36.54	37.54	37.83	36.97	36.11	35.40	34.54	34.11	33.82	33.92	34.11
Mean	35.26	35.43	35.58	35.70	35.94	37.07	37.53	36.99	36.14	34.83	33.82	33.09	32.99	33.48	34.16
Mean [a]	35.32	35.44	35.61	35.72	35.93	37.27	37.75	37.21	36.64	35.32	34.15	33.46	33.12	33.52	34 15
Mean [b]	35.14	35.43	35 69	35.78	35.86	36.46	36.60	36.46	35.60	34.60	23.74	33.03	33.26	33.66	34.23

JUNE, 1918. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.24	35.39	35.53	35.53	35.81	36.53	37.10	36.46	35.46	35.03	34.89	35.17	34.89	34.31	34.17
2 [a]	35.46	35.60	35.74	35.74	35.89	37.03	37.75	37.46	36.74	35.89	34.89	34.46	34.89	35.60	35.31
3 [a]	35.46	35.60	35.74	35.89	36.03	36.74	37.03	37.17	36.74	36.32	35.31	34.60	35.03	35.31	35.46
4 [a]	35.60	35.60	35.74	35.74	36.17	37.17	37.46	37.03	36.03	35.60	34.31	33.46	33.74	34.46	34.31
5	35.74	36.03	36.17	36.17	36.32	37.03	37.75	36.89	35.60	34.60	33.74	33.46	33.74	34.17	34.46
6	35.73	36.02	36.02	36.16	36.31	37.45	37.74	37.46	37.16	35.73	34.73	34.16	34.30	34.59	35.16
7	35.30	35.59	35.59	35.73	36.31	37.16	37.74	37.31	35.73	34.88	34.16	33.73	33.45	34.16	34.59
8	35.16	35.59	35.59	35.73	35.88	37.02	37.45	36.45	34.88	34.30	34.16	34.16	34.73	34.88	34.73
9 [b]	35.16	35.45	35.59	35.45	35.88	37.02	37.16	36.74	36.31	35.73	35.16	34.88	35.31	35.59	35.73
10 [b]	34.87	35.58	35.72	35.87	36 01	35.58	35.87	35.29	34.29	32.86	33.15	33.44	33.29	34.01	34.44
11 [b]	35.87	35.58	36.01	36.30	37.01	37.44	37.15	36.87	35.72	34.72	34.01	34.15	34.15	34.29	34.58
12 [b]	35.15	35.44	35.72	36.01	36.30	37.15	37.73	37.87	36.44	34.72	33.29	32.58	32.72	33.44	34.29
13	35.15	35.44	35.72	36.01	36.15	36.87	37.15	36.72	35.72	34.58	33.15	32.29	32.58	33.44	34.15
14	35.28	35.57	35.71	35.71	35.86	37.00	37.14	36.14	35.57	34.43	33.14	32.57	33.00	32.85	33.43
15 [b]	34.86	35.00	35.28	35.28	35.71	36.43	37.43	38.43	37.43	36.00	33.85	32.85	32.57	33.43	34.14
16	35.28	35.57	36.00	36.00	36.14	37.43	38.43	38.14	36.57	35.43	34.14	33.43	33.28	33.14	34.28
17	35.57	35.43	35.71	35.86	35.86	35.43	35.14	34.43	34.43	34.86	34.14	33.43	33.57	34.43	35.00
18	35.57	35.71	36.14	35.86	35.86	36.14	36.72	36.72	36.72	36.15	35.29	34.72	34.15	34.15	34.43
19	35.14	35.42	35.57	35.57	35.71	35.99	36.42	36.71	35.57	35.00	34.15	33.71	34.15	34.86	35.57
20	35.42	35.57	35.57	35.57	35.71	36.28	36.28	35.99	35.28	34.85	34.28	34.14	33.56	33.71	34.14
21	35.99	36.28	36.28	36.28	36.42	37.00	38.14	37.14	36.42	35.28	34.28	34.14	34.14	34.28	34.42
22	35.57	36.28	36.14	35.99	36.28	37.57	38.14	38.57	37.85	36.42	35 57	34.14	33.71	33.85	34.28
23	35.57	35.85	35.99	35.99	36.28	37.71	38.43	38.14	37.85	36.42	35.28	35.14	34.99	34.99	35.42
24	35.71	35.71	35.71	35.85	36.28	37.42	37.85	37.28	36.57	34.99	33.85	32.99	33.13	33.85	34.56
25	35.71	35.85	35.99	36.14	36.42	37.57	37.14	35.99	35.28	34.42	33.85	33.56	33.71	33.99	34.71
26	35.98	36.13	36.27	36.41	36.84	37.99	37.84	37.27	36.56	35.13	34.27	33.98	34.13	34.55	34.55
27	36.27	36.41	36.70	36.84	36.99	37.84	39.27	38.84	38.42	37.27	36.27	34.55	33.84	33.27	33.55
28	36.13	36.27	36.41	36.41	36.84	37.70	38.13	37.84	37.27	36.27	35.27	34.55	33.84	33.70	33.84
29 [a]	35.84	35.84	35.98	35.98	36.27	37.84	39.13	38.84	38.42	37.13	35.98	34.84	34.55	34.70	34.84
30 [a]	35.69	35.83	35.97	36.12	36.26	36.98	37.83	37.26	36.69	35.26	33.83	32.69	32.97	33.69	33.83
Mean	35.52	35.72	35.88	35.94	36.19	37.02	37.48	37.12	36.32	35.34	34.41	33.87	33.87	34.19	34.55
Mean [a]	35.61	35.69	35.83	35.89	36.12	37.15	37.84	37.55	36.92	36.04	34.86	34.01	34.24	34.75	34.75
Mean [b]	35.18	35.41	35.66	35.78	36.18	36.72	37.07	37.04	36.04	34.81	33.89	33.58	33.61	34.15	34.64

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

MAY, 1918. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
34.91	35.49	35.34	35.20	35.06	34.91	35.06	36.06	35.06	35.13	7	00	37.06	12	00	32.63	4.43	1
34.63	35.63	35.49	35.20	34.91	35.06	35.06	35.06	35.06	34.93	7	00	36.63	12	00	31.91	4.72	2
34.90	35.05	35.33	35.19	35.19	35.19	35.19	35.19	35.33	35.33	7	10	36.98	13	00	33.62	3.36	3
34.47	35.19	35.48	35.05	35.19	35.05	35.05	35.19	35.33	35.10	6	55	37.69	13	00	32.19	5.50	4
36.47	36.61	36.04	35.32	35.04	35.18	35.18	35 32	35.47	35.30	6	00	37.47	13	00	32.61	4.86	5
35.18	36.04	35.47	35.18	35.04	35.04	35 04	35.04	35.18	35.34	7	00	38.47	12	42	32.54	5.93	6
35.18	36.32	36.32	35.47	35.18	35.18	35.18	36.18	35.18	35.29	7	00	36.47	13	00	33.46	3.01	7
35.03	35.60	35.88	35.17	34.74	34.88	34.88	35.03	35.17	35.10	7	00	37.60	13	00	32.31	5.29	8
35.03	35.31	35.03	34.88	35.03	34.88	34.74	34.74	34.88	35.11	7	00	37.89	12	42	32.67	5.22	9
34.87	35.59	35.87	35.45	35.02	34.87	34.73	34.87	34.87	34.87	7	00	37.45	12	58	31.80	5.65	10
35.59	36.59	36.16	35.45	35.16	35.02	34.87	34.87	35.02	35.05	7	24	38.09	12	00	31.44	6.65	11
35.15	35.58	36.01	35.44	35.44	35.15	34.86	34.72	34.86	35.01	6	30	36.79	13	00	32.15	4.64	12
34.86	35.15	35.15	35.15	35.01	35.01	34.86	34.86	34.72	35.23	8	00	38.44	13	24	32.79	5.65	13
34.86	35.29	35.58	35.15	35.01	35.15	35.29	35.44	35.44	35.22	7	00	37.87	13	00	33.29	4.58	14
33.42	34.00	34.85	34.71	34.57	34.28	34.71	34.85	35.00	35.12	7	15	38.78	12	00	32.85	5.93	15
35.28	35.14	35.00	34.71	34.28	34.28	34.57	34.71	34.85	35.47	8	00	38.71	11	45	34.14	4.57	16
33.70	35.13	35.27	34.84	34.70	34.27	34.27	34.41	34.56	34.42	6	20	35.63	12	00	32.27	3.36	17
34.27	34.84	34.99	34.84	34.84	34.84	34.70	34.56	34.84	34.81	6	54	36.92	13	00	32.56	4.36	18
34.99	35.27	35.42	34.84	34.70	34.84	34.84	34.99	35.13	34.99	6	21	36.85	12	00	33.27	3.58	19
33.70	34.70	34.84	35.13	34.99	34.84	34.84	34.99	35.13	34.67	6	36	37.20	13	27	32.20	5.00	20
34.70	35.27	35.13	35.13	34.99	34.84	34.70	34.70	34.70	35.03	7	00	37.85	13	00	32.27	5.58	21
34.98	35.12	35.12	35.12	35.12	34.83	34.69	34.69	34.83	35.16	7	00	37.12	13	00	33.83	3.29	22
35.12	35.98	36.12	35.12	34.98	34.83	34.69	34.69	34.83	35.00	7	42	37.76	12	24	32 05	5.71	23
36.12	36.26	35.83	35.12	34.98	34.83	34.69	34.69	34.83	35.50	7	00	38.69	11	20	33.92	4.77	24
36.12	36.41	36.26	36.12	35.83	35.55	35.41	35.41	35.41	35.36	6	39	37.05	13	00	32.83	4.22	25
34.69	35.83	35.98	35.83	35.41	35.26	35.26	35.12	35.12	35.32	6	33	37.91	13	00	32.97	4.94	26
35.12	35.55	35.26	35.26	35.26	35.41	35.41	35.41	35.41	35.85	7	42	39.19	14	00	33.98	5.21	27
34.82	35.11	35.11	35.11	34.97	35.11	35.11	35.11	35.11	35.22	6	30	38.33	12	36	32.47	5.86	28
35.11	35.25	35.25	35.40	35.40	35.30	35.54	35.40	35.97	35.34	7	00	38.11	12	00	33.39	4.72	29
35.25	35.40	35.11	35.25	35.68	35.97	35.40	35.54	35.68	35.77	7	20	38.47	13	00	33.54	4.93	30
35.11	35.54	35.11	35.11	35.11	35.11	35.11	35.11	35.11	35.47	7	20	37.90	13	00	33.82	4.08	31
34.96	35.49	35.48	35.19	35.06	35.00	34.97	35.00	35.10	35.18	---		37.66	---		32.83	4.83	-------
35.01	35.72	35.69	35.32	35.12	35.12	35.09	35.10	35.15	35.33	---		37.81	---		33.08	4.73	-------
34.63	35.17	35.20	34.89	34.72	34.63	34.69	34.75	34.89	34.96	---		37.03	---		32.97	4.06	-------

JUNE, 1918. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
34.46	35.03	35.60	35.60	35.46	35.31	35.31	35.31	35.31	35.37	7	10	37.17	15	00	34.17	3.00	1
35.03	35.17	35.46	35.46	35.17	35.03	35.03	35.17	35.31	35.64	7	15	37.82	11	36	34.39	3.43	2
35.60	35.60	35.46	35.31	35.31	35.31	35.31	35.31	35.46	35.71	8	00	37.17	12	00	34.60	2.57	3
34.89	35.31	35.31	35.17	35.03	34.89	35.03	35.31	35.60	35.37	7	00	37.46	12	00	34.46	4.00	4
34.60	34.74	34.89	34.89	34.89	34.74	34.89	35.03	35.17	35.24	7	00	37.75	12	24	33.39	4.36	5
35.59	35.59	35.16	35.45	35.16	35.16	35.30	35.02	35.30	35.69	7	42	37.81	12	00	34.16	3.65	6
34.88	35.46	35.30	35.46	35.46	35.02	35.16	35.16	35.16	35.35	6	34	37.88	12	42	33.38	4.50	7
35.16	35.30	35.46	35.73	35.30	34.88	34.88	35.02	35.02	35.31	7	00	37.45	11	20	34.09	3.36	8
35.59	35.31	34.88	35.16	35.02	34.88	34.73	34.59	34.73	35.50	6	45	37.31	23	10	34.52	2.79	9
34.58	35.58	36.01	35.29	35.72	35.72	35.87	35.58	35.72	35.01	7	27	38.01	10	00	32.86	5.15	10
35.15	35.01	34.87	34.72	34.58	34.87	34.72	34.87	34.87	35.31	6	20	37.58	12	18	33.94	3.64	11
34.44	34.87	35.01	34.87	34.87	34.87	34.87	34.87	35.01	35.11	8	24	37.94	12	24	32 51	5.43	12
34.58	35.01	35.01	34.87	34.87	34.87	34.87	34.87	35.01	34.96	7	00	37.15	12	00	32.29	4.86	13
34.14	34.86	35.14	35.28	35.00	35.14	34.86	34.43	34.71	34.87	6	54	37.21	12	00	32.57	4.64	14
34.28	34.43	34.57	34.86	34.86	34.71	34.71	34.57	35.00	35.03	7	30	38.50	12	54	32.50	6.00	15
35.14	35.57	35.00	34.86	34.86	34.86	34.86	35.00	35.14	35.36	7	00	38.43	12	24	33.00	5.43	16
35.28	35.57	35.28	34.86	34.86	34.86	35.00	35.14	35.43	34.98	3	45	36.00	12	42	33.36	2.64	17
34.29	34.72	34.86	34.86	34.72	34.57	34.72	34.86	35.00	35.29	7	20	36.86	13	18	34.08	2.78	18
36.14	35.85	35.28	35.28	35.28	35.28	35.28	35.28	35.28	35.35	8	00	36.71	12	00	33.71	3.00	19
34.56	34.85	35.28	35.42	35.42	35.28	35.28	35.42	35.71	35.15	7	15	36.42	12	00	33.56	2.86	20
34.85	35.42	35.57	35.28	35.42	35.42	35.42	35.28	35.57	35.61	7	00	38.14	11	20	34.07	4.07	21
34.71	35.57	35.71	35.57	35.14	35.14	35.14	35.28	35.42	35.75	8	00	38.57	13	00	33.71	4.86	22
36.28	36.57	36.28	35.85	35.57	35.42	35.42	35.42	35.57	36.10	7	00	38.43	13	18	34.92	3.51	23
35.42	35.28	35.42	35.42	35.28	35.28	35.42	35.57	35.57	35.43	7	00	37.85	12	00	32.99	4.86	24
35.28	36.42	36.28	36.14	35.99	35.85	35.85	35.85	35.85	35.58	6	20	37.71	12	00	33.56	4.15	25
34.98	35.41	35.56	35.56	35.56	35.56	35.56	34.56	35.70	35.72	6	30	38.06	12	00	33.98	4.08	26
34.55	35.27	35.98	36.13	35.84	35.98	35.98	35.84	35.98	36.16	7	20	39.84	14	00	33.27	6.57	27
34.27	35.13	35.70	35.84	35.70	35.70	35.70	35.84	35.84	35.84	7	15	38.20	14	00	33.70	4.50	28
34.98	35.27	35.41	35.56	35.70	35.56	35.56	35.56	35.70	36.06	7	00	39.13	13	00	34.55	4.58	29
34.54	35.55	35.83	36.26	35.83	35.83	35.83	35.97	35.97	35.52	7	00	37.83	12	00	32.69	5.14	30
34.94	35.32	35.39	35.37	35.26	35.20	35.22	35.23	35.37	35.45	---		37.75	---		33.60	4.15	-------
35.01	35.38	35.49	35.55	35.41	35.32	35.35	35.46	35.61	35.66	---		37.88	---		33.94	3.94	-------
34.81	35.04	35.07	34.98	35.01	35.01	34.98	34.90	35.07	35.19	---		37.87	---		33.27	4.60	-------

HOURLY VALUES OF DECLINATION.

JULY, 1918. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	36.12	36.12	36.12	36.12	36.26	36.98	37.83	38.41	38.55	37.83	36.40	35.12	34.69	34.83	34.97
2	36.12	36.40	36.55	36.83	36.83	37.55	37.55	37.83	36.69	35.40	34.40	33.69	34.26	34.69	35.12
3	35.68	35.96	36.25	36.39	36.25	36.54	36.68	36.97	36.68	36.11	35.11	33.53	33.39	34.25	35.25
4	35.82	36.11	35.82	36.25	36.39	36.97	37.54	36.68	35.82	34.82	33.82	33.68	33.96	35.11	36.25
5	36.11	36.25	36.54	36.68	36.68	37.68	37.39	36.25	35.25	34.82	33.96	33.68	34.11	34.82	35.39
6	36.10	36.24	36.38	36.53	36.81	37.81	39.67	39.96	37.96	36.38	34.95	34.10	34.10	34.81	35.67
7 [a]	36.38	36.53	36.67	36.81	37.38	39.10	40.24	39.96	39.10	36.67	34.81	34.10	33.81	33.52	34.52
8 [b]	35.95	36.38	36.67	37.10	37.53	38.67	40.10	40.24	39.10	37.67	35.81	33.81	33.67	34.38	34.81
9	36.37	36.52	37.09	37.52	37.52	37.80	39.23	38.80	36.95	35.52	34.81	34.23	33.80	34.09	34.81
10	36.23	36.52	36.66	36.66	36.95	37.37	37.95	38.09	37.80	36.23	34.80	33.66	33.37	33.37	33.66
11 [b]	36.52	36.66	36.95	37.37	37.66	38.23	39.09	38.80	37.80	37.09	36.52	36.23	36.09	35.66	35.52
12	36.51	36.65	36.79	36.65	36.79	37.94	38.51	38.79	37.94	36.08	34.08	33.65	33.22	33.22	33.79
13	36.51	36.79	36.94	37.08	37.26	37.94	38.51	38.79	37.79	35.79	34.50	33.50	33.36	33.36	33.79
14	36.65	36.94	37.08	37.08	36.94	37.79	38.51	38.51	38.51	38.08	36.22	35.36	34.79	34.08	34.79
15	36.50	36.64	36.93	37.21	37.21	37.07	37.07	37.78	37.64	36.78	35.50	35.35	35.21	34.92	34.64
16	36.50	36.64	36.64	36.64	36.64	37.07	38.07	37.78	36.64	36.07	35.35	34.49	34.78	34.92	35.50
17	36.34	36.63	36.34	36.77	36.92	37.34	37.63	37.06	36.34	36.06	34.91	33.77	33.48	33.77	34.77
18	36.49	36.77	37.06	37.20	37.63	38.35	39.06	38.49	36.49	34.34	33.48	33.34	33.91	34.77	35.34
19 [a]	36.34	36.49	36.63	36.77	36.77	37.20	37.92	38.06	36.92	36.20	35.06	34.77	34.34	34.34	34.77
20 [a]	36.05	36.19	36.33	36.33	36.48	37.05	37.62	37.33	36.48	35.19	34.33	33.47	32.90	33.33	33.90
21 [a]	36.33	36.48	36.62	36.48	36.76	37.76	37.91	36.62	35.90	34.90	33.90	33.47	34.05	34.90	35.48
22 [a]	36.19	36.33	36.48	36.62	36.76	37.05	37.05	36.91	36.62	36.19	34.47	34.05	34.76	35.05	35.19
23	36.18	36.32	36.47	36.47	35.75	37.75	37.61	37.18	36.61	35.47	33.46	32.75	33.75	34.75	35.18
24	36.32	36.61	36.90	37.04	37.32	39.04	39.47	38.61	37.18	35.18	33.46	33.03	32.75	33.03	33.75
25 [b]	36.32	36.61	36.75	37.04	37.32	39.18	39.76	39.47	38.33	36.61	35.47	33.89	33.61	33.75	35.04
26	35.47	36.04	35.61	36.32	37.18	38.75	39.18	38.61	36.90	35.32	34.75	34.32	34.18	33.75	35.18
27	35.88	35.60	35.31	35.46	36.17	37.74	39.03	38.74	38.32	36.89	35.31	34.31	34.45	33.74	34.03
28 [b]	35.60	35.60	35.60	35.74	36.17	37.03	38.46	38.74	38.03	36.46	35.31	34.74	34.60	35.03	34.88
29 [b]	36.03	35.88	35.74	36.03	35.74	36.60	36.03	36.03	36.17	36.31	35.17	34.17	34.03	34.17	34.88
30	35.59	35.59	35.59	35.87	36.30	37.73	39.45	39.45	38.02	35.45	33.30	32.30	33.16	33.30	34.73
31								37.73	38.16	37.59	36.88	35.59	35.02	34.87	34.30
Mean	36.17	36.35	36.45	36.64	36.85	37.70	38.34	38.15	37.31	36.11	34.85	34.07	34.05	34.28	34.84
Mean [a]	36.26	36.40	36.55	36.60	36.83	37.63	38.15	37.78	37.00	35.83	34.51	33.97	33.97	34.23	34.77
Mean [b]	36.08	36.23	36.34	36.66	36.88	37.94	38.69	38.66	37.89	36.83	35.66	34.57	34.40	34.60	35.03

AUGUST, 1918. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [a]	36.16	36.16	36.02	35.87	35.87	36.73	37.59	37.30	36.02	35.73	35.16	34.87	34.73	34.59	34.73
2	35.86	36.15	36.29	36.29	36.44	37.58	38.15	37.87	36.58	35.01	34.01	34.15	34.43	35.01	35.01
3	36.15	36.44	36.58	36.87	37.29	38.30	39.58	39.30	39.01	36.87	35.15	33.29	32.58	33.58	34.01
4	36.01	36.44	36.58	36.87	37.15	37.87	39.01	38.01	37.01	35.15	34.43	33.72	33.43	33.15	33.43
5	36.14	36.43	36.71	36.86	37.00	38.29	40.29	40.57	38.43	37.57	35.14	34.71	35.14	35.43	35.57
6	35.71	35.85	36.00	36.28	36.57	37.86	39.14	38.71	37.43	35.28	33.57	32.85	33.42	33.85	34.71
7	35.85	36.00	36.28	36.43	36.71	38.00	38.29	37.28	35.57	33.85	32.85	32.71	33.28	33.71	34.57
8	36.13	36.56	36.42	36.85	37.13	38.28	39.71	39.42	37.85	36.42	35.13	33.84	33.56	33.56	33.70
9	35.70	35.84	35.56	36.13	36.42	37.85	38.99	37.99	37.42	35.42	34.99	34.70	34.27	34.84	35.13
10	35.99	36.13	36.70	36.56	36.85	37.70	37.85	37.27	35.13	33.41	32.56	31.84	31.70	32.27	33.27
11	35.83	35.98	36.12	36.26	36.41	37.26	38.12	37.84	36.98	35.41	34.98	33.69	33.83	34.55	34.83
12	35.69	35.98	36.12	36.41	36.26	36.69	37.41	37.98	37.69	36.55	35.41	35.12	34.69	33.98	34.40
13	35.55	35.83	36.12	36.26	36.41	36.98	37.84	38.27	38.12	37.12	35.98	35.41	34.98	34.83	34.55
14	35.98	36.26	36.41	36.55	36.69	36.98	37.41	37.55	36.55	35.41	34.83	34.83	34.83	34.69	34.40
15 [b]	36.11	36.40	36.54	36.40	36.40	36.83	36.54	36.54	36.40	35.54	35.11	34.82	34.39	33.97	34.54
16 [b]	36.40	36.54	38.11	37.54	37.83	36.11	36.83	36.54	34.82	33.39	32.68	33.25	34.39	35.11	35.40
17	35.82	35.97	36.11	36.25	36.40	36.68	36.97	37.11	36.54	36.11	35.11	34.25	33.82	34.39	34.97
18 [a]	35.81	36.10	36.39	36.53	36.82	37.82	38.25	37.67	36.53	34.38	33.38	32.53	32.67	33.53	33.67
19 [a]	35.53	35.67	35.81	36.10	36.39	37.53	37.67	37.10	36.53	35.67	35.10	34.53	34.24	34.53	34.96
20	36.10	36.24	36.39	36.53	36.67	38.10	38.82	38.25	37.10	35.10	33.38	32.53	32.24	32.24	32.67
21 [a]	35.09	35.09	35.23	35.38	35.38	36.95	38.66	39.38	38.81	37.09	34.95	33.95	33.80	34.23	35.09
22	35.09	35.09	35.23	35.38	35.66	36.23	36.09	35.80	34.23	32.09	31.09	30.80	31.80	33.23	34.52
23	35.52	35.38	35.23	35.52	35.95	37.52	39.38	38.95	38.24	35.23	32.37	31.23	31.09	31.80	33.23
24	35.51	35.94	36.08	36.08	36.37	36.94	37.51	37.80	37.37	35.79	34.51	33.22	32.79	32.79	33.65
25 [b]	34.94	35.08	35.08	35.51	35.08	36.80	37.65	37.94	36.65	35.08	33.36	31.79	31.36	31.08	32.51
26 [b]	35.22	35.51	36.08	36.22	36.22	38.08	39.37	39.08	38.23	36.22	33.79	32.22	31.65	32.36	33.65
27 [b]	34.93	35.07	35.07	35.21	35.50	36.50	37.50	37.93	37.50	36.21	35.07	33.93	32.64	32.92	34.93
28	35.50	35.36	35.21	35.50	36.07	37.36	38.22	37.93	37.64	36.36	34.07	31.92	31.64	31.92	32.64
29	35.36	35.36	35.36	35.50	35.93	36.50	37.64	38.36	37.93	36.79	35.07	34.93	35.07	35.07	35.21
30 [a]	35.50	35.64	35.64	35.64	35.50	36.36	36.93	36.79	36.50	34.78	32.92	32.21	32.35	33.35	34.35
31	35.35	35.49	35.63	35.77	35.92	36.78	38.21	37.92	37.20	35.92	34.63	33.49	33.34	33.63	34.92
Mean	35.69	35.87	36.04	36.18	36.36	37.27	38.12	37.95	37.03	35.51	34.22	33.46	33.36	33.68	34.30
Mean [a]	35.62	35.73	35.82	35.90	35.99	37.08	37.82	37.65	36.88	35.53	34.30	33.62	33.56	34.05	34.56
Mean [b]	35.52	35.72	36.18	36.18	36.21	36.86	37.58	37.61	36.72	35.29	34.00	33.20	32.89	33.09	34.21

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

JULY, 1918. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
35.26	35.69	36.26	36.40	36.40	35.69	35.55	35.69	35.83	36.21	9	00	38.55	13	00	34.69	3.86	1
35.69	35.97	35.55	35.40	35.26	35.40	35.40	35.40	35.55	35.81	8	00	37.83	12	00	33.69	4.14	2
35.54	36.11	36.25	36.11	35.82	35.82	36.25	36.11	35.96	35.79	8	00	36.97	13	00	33.39	3.58	3
36.68	37.39	37.11	35.96	35.68	35.82	35.82	35.68	35.68	35.87	6	42	37.61	12	00	33.68	3.93	4
36.54	36.68	35.68	35.96	35.82	35.82	35.82	35.82	35.96	35.86	6	06	37.75	11	45	33.61	4.14	5
36.53	35.81	35.81	35.81	35.95	35.95	35.95	36.10	36.24	36.32	7	48	40.03	11	55	34.03	6.00	6
35.38	35.67	36.24	36.38	36.24	36.10	35.81	35.67	35.81	36.37	7	30	40.31	14	00	33.52	6.79	7
35.53	35.67	35.53	35.53	35.67	35.81	35.81	35.95	36.24	36.40	7	24	40.31	12	42	33.60	6.71	8
35.52	35.94	36.52	36.80	36.52	36.23	36.09	35.94	36.09	36.28	7	20	39.30	13	00	33.80	5.50	9
34.51	35.37	35.80	36.09	36.23	36.23	36.23	36.23	36.37	35.93	8	00	38.09	13	48	33.30	4.79	10
36.09	36.23	36.23	36.23	36.09	36.09	35.94	36.09	36.23	36.73	7	15	39.16	15	15	35.45	3.71	11
34.79	35.93	36.65	36.51	36.22	36.22	36.22	36.22	36.36	36.07	7	27	38.93	13	20	33.15	5.78	12
34.93	35.51	36.22	36.36	36.36	36.22	35.93	35.93	36.22	36.07	8	00	38.79	13	30	33.29	5.50	13
35.51	36.22	36.22	36.22	36.08	36.08	35.93	36.08	36.22	36.50	8	06	38.58	14	00	34.08	4.50	14
34.78	35.21	36.21	36.07	36.21	36.07	36.21	36.21	36.35	36.24	8	00	37.78	15	24	34.57	3.21	15
35.78	36.21	36.35	36.21	36.21	36.07	35.92	35.92	36.07	36.19	7	21	38.15	11	55	34.42	3.73	16
36.06	36.63	36.92	36.34	36.20	36.20	36.20	36.20	36.34	36.05	7	00	37.63	13	00	33.48	4.15	17
35.63	35.91	35.77	35.91	35.77	35.91	35.91	36.06	36.20	36.07	7	24	39.13	11	36	33.27	5.86	18
35.49	35.63	35.91	36.06	35.91	35.91	35.91	35.77	35.91	36.04	8	00	38.06	12	55	34.27	3.79	19
35.19	35.62	36.19	36.19	35.90	35.90	35.90	36.05	36.19	35.67	7	00	37.62	13	00	32.90	4.72	20
36.33	36.48	36.33	36.19	36.05	36.05	36.05	36.05	36.19	35.97	7	00	37.91	12	00	33.47	4.44	21
35.76	36.19	36.48	36.19	36.05	35.90	35.76	35.76	36.05	35.99	7	20	37.17	12	00	34.05	3.12	22
36.04	36.18	36.47	36.32	36.18	35.89	35.75	35.89	36.18	35.90	6	15	37.82	12	00	32.75	5.07	23
34.89	35.75	36.61	36.18	35.89	35.75	35.89	35.89	36.18	35.95	7	00	39.47	13	00	32.75	6.72	24
36.18	36.90	37.18	36.32	36.18	35.75	35.47	35.47	35.47	36.42	7	00	39.76	13	05	33.54	6.22	25
36.90	37.75	37.47	36.61	36.18	36.04	35.89	35.89	36.04	36.26	7	00	39.18	14	00	33.75	5.43	26
34.88	35.17	36.03	35.60	35.88	35.88	35.60	35.46	35.46	35.87	7	00	39.03	14	00	33.74	5.29	27
35.03	35.46	36.03	35.88	36.03	36.03	36.03	36.03	36.03	36.02	7	37	38.81	12	42	34.53	4.28	28
35.46	36.03	36.46	36.60	36.31	36.17	36.17	35.74	35.60	35.73	6	00	36.60	13	00	34.03	2.57	29
35.16	35.02	35.87	35.73														30
34.73	35.45	36.16	35.87	35.59	35.87	36.30	35.73	35.87									31
35.57	35.99	36.31	36.13	36.03	35.96	35.92	35.90	36.03	36.09			38.49			33.75	4.74	
35.63	35.92	36.23	36.20	36.03	35.97	35.89	35.86	36.03	36.01			38.21			33.64	4.57	
35.66	36.06	36.29	36.11	36.06	35.97	35.88	35.86	35.91	36.26			38.93			34.23	4.70	

AUGUST, 1918. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
34.87	35.16	35.73	35.87	36.02	36.02	35.87	35.73	35.59	35.77	6	45	37.74	14	00	34.59	3.15	1
35.44	35.72	35.86	35.58	35.44	35.44	35.44	35.58	35.86	35.80	7	27	38.30	11	20	33.87	4.43	2
34.86	35.72	36.15	36.01	35.72	35.44	35.58	35.44	35.58	36.06	7	39	39.79	13	00	32.58	7.21	3
34.72	35.86	36.72	36.58	35.86	35.58	35.44	35.44	35.72	35.84	7	33	39.15	14	00	33.15	6.00	4
35.85	36.00	36.28	36.00	35.85	35.71	35.71	35.58	35.58	36.54	8	00	40.57	12	00	34.71	5.86	5
36.14	36.86	36.58	35.71	35.43	35.28	35.43	35.57	35.71	35.83	7	00	39.14	12	15	33.35	5.79	6
34.85	35.71	36.14	35.85	35.71	35.57	35.57	35.71	35.85	35.51	7	00	38.29	11	24	32.64	5.65	7
34.56	35.27	35.70	35.56	35.42	35.27	35.13	35.13	35.13	35.91	7	06	39.78	13	33	33.49	6.29	8
35.70	36.42	36.13	35.99	35.84	35.84	35.70	35.56	35.42	35.99	6	36	39.06	13	00	34.27	4.79	9
33.99	35.13	35.27	35.27	35.27	35.27	35.42	35.56	35.70	35.09	7	09	37.92	13	00	31.70	6.22	10
35.13	36.69	36.26	35.98	35.83	35.55	36.12	35.55	35.41	35.86	7	00	38.12	12	30	33.62	4.50	11
34.98	35.12	35.41	35.98	35.55	35.41	35.26	35.41	35.41	35.79	8	00	37.98	14	00	33.98	4.00	12
35.12	35.41	35.98	35.69	35.55	35.41	35.41	35.55	35.69	36.00	8	00	38.27	15	00	34.55	3.72	13
34.69	35.41	36.55	36.26	35.98	36.12	35.69	35.69	35.83	35.90	7	39	37.69	15	00	34.40	3.29	14
34.98	35.25	35.54	35.82	35.68	35.54	35.40	35.40	35.54	35.65	6	15	36.97	14	30	33.90	3.07	15
35.11	35.25	35.54	35.40	35.82	36.11	35.40	35.54	35.68	35.62	4	12	39.40	11	00	32.68	6.72	16
35.11	35.25	35.25	35.40	35.54	35.40	35.40	35.54	35.68	35.63	8	00	37.11	13	00	33.82	3.29	17
34.96	35.24	35.10	35.10	35.10	35.10	35.10	35.24	35.39	35.35	7	00	38.25	12	06	32.46	5.79	18
35.67	36.10	36.39	35.96	35.67	35.53	35.53	35.53	35.67	35.81	7	00	37.67	13	00	34.24	3.43	19
33.96	34.96	35.96	35.67	35.39	35.24	35.39	35.24	35.24	35.39	6	45	38.96	13	54	32.17	6.79	20
35.66	36.09	36.23	35.80	35.52	35.38	35.23	35.23	35.23	35.81	8	00	39.38	12	40	33.73	5.65	21
35.23	36.09	35.95	35.69	35.52	35.38	35.23	35.23	35.38	34.67	6	00	36.23	12	00	30.80	5.43	22
34.80	36.23	36.66	36.52	36.23	35.95	35.66	35.66	35.52	35.41	7	48	39.52	13	00	31.09	8.43	23
34.94	35.51	36.08	35.79	35.65	35.51	35.22	35.08	35.08	35.47	8	00	37.80	13	20	32.72	5.08	24
33.94	35.65	36.37	36.22	36.51	35.94	35.08	35.51	35.37	35.02	8	00	37.94	14	00	31.08	6.86	25
35.37	35.94	36.08	35.79	35.51	35.37	35.08	35.08	34.94	35.54	7	00	39.37	13	00	31.65	7.72	26
36.07	36.50	36.64	36.36	36.21	36.07	35.93	35.78	35.64	35.67	8	00	37.93	13	18	32.57	5.36	27
33.93	35.07	35.36	35.50	35.64	35.64	35.64	35.50	35.36	35.21	7	45	38.29	13	00	31.64	6.65	28
35.50	36.07	35.78	35.50	35.36	35.21	35.21	35.21	35.36	35.80	8	00	38.36	12	00	34.93	3.43	29
35.36	36.07	35.78	35.50	35.36	35.36	35.36	35.36	35.36	35.17	7	00	36.93	12	00	32.21	4.72	30
36.06	36.49	35.77	35.35	35.20	35.20	35.20	35.20	35.35	35.58	7	00	38.21	12	39	33.27	4.94	31
35.08	35.75	35.98	35.80	35.66	35.54	35.45	35.45	35.49	35.64			38.39			33.09	5.30	
35.30	35.73	35.85	35.65	35.53	35.48	35.42	35.42	35.45	35.58			37.99			33.44	4.55	
35.09	35.72	36.03	35.92	35.95	35.81	35.38	35.46	35.43	35.50			38.32			32.37	5.95	

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1918. 0° East plus tabular quantities.

Day	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	35.92	36.20	36.49	36.20	37.06	37.78	39.06	39.35	37.92	35.06	33.49	32.49	32.20	33.63	34.92
2	36.06	36.20	36.35	36.35	36.63	38.06	39.06	37.92	36.06	33.63	32.63	32.49	32.77	33.06	34.34
3	35.62	36.05	36.19	36.48	36.62	38.77	39.91	39.77	36.62	34.62	33.48	32.33	32.05	32.33	34.33
4	35.91	36.05	36.19	36.48	36.91	38.20	39.05	37.91	36.48	34.76	33.76	33.33	33.48	34.18	35.91
5	35.91	36.05	36.19	36.34	36.62	37.48	36.91	36.19	34.76	33.05	32.76	32.19	32.62	33.62	35.19
6	35.90	36.04	36.18	36.33	36.61	38.19	37.90	36.18	34.61	33.61	32.61	32.32	32.75	33.75	34.90
7	35.90	36.04	36.47	36.33	36.47	37.90	37.91	36.47	35.33	33.90	33.32	32.89	32.32	33.47	34.61
8	35.61	35.90	36.04	36.47	36.76	38.33	39.19	37.76	36.76	34.75	33.04	32.18	32.47	32.75	35.04
9	35.89	35.74	35.89	36.17	36.32	38.03	38.46	37.89	36.46	33.74	32.17	31.74	31.45	32.46	34.60
10	35.74	36.03	36.17	36.46	36.60	37.60	38.18	37.75	36.32	34.74	33.17	32.17	32.46	33.31	34.46
11 [a]	36.03	36.03	36.03	36.03	36.17	36.46	37.60	37.32	36.46	34.74	32.88	31.88	31.74	32.31	33.60
12 [a]	35.88	35.88	35.88	36.02	36.02	37.45	38.31	38.59	37.88	36.74	35.02	33.88	33.45	33.16	33.73
13	35.73	35.88	35.88	35.88	36.02	36.74	38.02	38.31	37.88	36.74	34.73	33.16	33.02	33.59	34.73
14	35.88	35.88	35.73	35.73	35.73	36.88	38.17	37.88	36.88	34.73	33.16	31.87	32.30	32.87	33.88
15 [a]	35.72	35.58	35.58	35.72	36.01	37.87	38.73	38.16	37.01	35.30	33.44	32.44	32.15	33.15	33.87
16	35.87	36.01	36.01	36.01	36.15	36.73	37.44	36.87	35.44	33.44	32.15	31.86	32.29	33.29	34.58
17	35.45	36.02	36.16	36.02	35.88	37.31	37.59	37.02	35.45	34.59	33.88	33.59	33.88	34.88	35.45
18 [b]	35.88	35.59	35.88	36.02	36.16	37.45	38.02	37.16	35.02	33.88	33.02	32.16	33.02	33.88	35.59
19 [b]	35.31	35.45	35.59	35.31	35.16	36.02	36.31	35.73	34.73	33.88	33.16	32.02	32.16	33.88	35.88
20 [b]	35.32	35.17	35.32	35.46	34.46	36.32	37.17	36.75	35.03	33.60	33.60	32.74	32.60	34.60	35.32
21 [b]	35.32	35.46	35.60	35.60	35.74	36.46	37.60	37.89	35.74	34.03	32.74	32.46	32.60	33.60	35.74
22	35.32	35.46	35.60	35.74	35.60	36.60	36.89	36.46	35.17	34.03	33.46	33.46	33.31	34.31	34.74
23	35.61	35.47	35.61	36.04	35.90	37.18	38.33	37.90	37.04	35.47	33.18	32.47	33.18	33.47	34.18
24	35.75	35.90	35.90	36.04	36.18	36.76	37.33	36.47	35.33	34.75	34.61	34.18	34.04	34.18	34.47
25 [a]	35.90	36.04	35.47	35.60	35.47	36.18	37.47	37.18	36.76	36.04	35.04	34.18	33.61	33.90	34.90
26 [a]	35.48	35.48	35.34	35.19	35.34	36.62	36.77	36.05	33.91	33.05	32.19	32.05	32.19	33.33	34.91
27	35.34	35.34	35.48	35.62	35.76	36.62	37.62	37.91	36.77	35.62	33.91	32.76	33.05	33.91	35.19
28	35.48	35.62	35.76	36.05	36.05	36.77	37.62	37.48	36.48	34.62	33.48	33.19	33.05	34.48	34.91
29	36.35	37.35	36.78	37.06	37.35	37.92	37.63	37.06	35.06	33.63	33.06	32.63	32.49	33.92	35.35
30	35.92	36.20	36.63	36.63	36.20	36.78	36.35	35.49	35.06	33.92	33.34	34.06	33.92	34.77	35.35
Mean	35.73	35.87	35.95	36.05	36.13	37.25	37.88	37.36	36.01	34.49	33.35	32.71	32.75	33.60	34.82
Mean [a]	35.80	35.80	35.66	35.71	35.80	36.92	37.78	37.46	36.40	35.17	33.71	32.89	32.63	33.17	34.20
Mean [b]	35.55	35.57	35.78	35.72	35.72	36.81	37.63	37.38	35.69	34.09	33.20	32.37	32.52	33.92	35.49

OCTOBER, 1918. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.50	36.07	35.79	35.64	35.79	36.50	36.93	37.36	36.50	35.79	34.36	34.50	35.07	35.93	36.50
2 [b]	35.64	35.79	35.79	35.93	36.07	36.64	36.79	36.93	36.21	35.64	34.78	34.64	35.07	35.21	36.36
3	35.65	35.80	35.94	35.94	36.08	36.22	36.51	36.08	35.94	35.65	34.79	34.51	34.22	33.94	35.51
4	35.94	36.08	36.22	36.37	36.37	37.23	37.08	36.22	35.51	34.37	33.79	33.94	34.08	34.94	35.51
5	35.80	35.94	36.22	36.37	36.37	36.22	36.08	35.94	35.65	35.08	34.51	33.79	34.22	34.94	35.94
6	35.66	35.66	35.81	35.95	36.81	35.95	36.23	36.09	36.09	35.95	35.95	34.95	34.66	35.52	35.95
7	35.66	35.81	35.81	35.95	35.95	35.81	35.66	36.09	35.66	35.66	35.81	35.95	35.95	35.52	35.95
8 [b]	35.52	35.52	35.52	35.09	34.80	34.66	35.09	35.38	35.66	35.95	36.09	35.81	35.66	35.09	35.09
9	35.67	35.53	35.39	35.67	35.67	35.24	34.67	34.39	34.81	35.39	35.67	33.96	34.53	35.10	36.10
10	35.82	35.82	35.82	35.67	35.39	34.96	35.10	35.53	36.10	36.53	36.96	36.53	35.96	35.82	35.39
11 [a]	35.24	35.24	35.24	35.10	34.96	35.53	35.96	36.24	35.96	35.44	33.67	33.38	33.81	34.67	35.53
12 [a]	35.68	35.68	35.68	35.68	35.25	35.54	35.68	36.11	35.83	34.68	33.39	32.82	33.97	34.25	35.25
13 [a]	35.68	35.68	35.54	35.54	35.40	35.97	36.40	36.25	35.97	35.11	33.82	33.68	33.97	34.40	35.11
14 [a]	35.68	35.54	35.40	35.54	35.11	35.68	36.40	36.68	37.11	35.40	34.11	34.40	34.54	34.68	35.68
15	35.55	35.69	35.84	35.69	35.69	35.98	36.26	36.55	36.41	35.98	34.98	34.69	35.55	36.26	36.55
16 [b]	35.69	35.41	34.98	34.83	33.98	34.69	35.12	35.41	35.41	35.55	34.69	35.12	36.12	37.84	37.98
17 [b]	35.99	35.13	34.42	34.42	34.56	34.56	34.27	34.56	34.27	33.99	33.27	33.84	35.27	36.42	36.27
18	35.56	35.42	35.27	35.13	35.13	35.70	36.13	36.27	35.42	34.27	33.13	32.56	33.13	34.70	35.99
19	35.56	35.70	36.13	35.70	35.42	36.13	35.56	36.42	36.13	35.42	34.27	33.99	34.13	34.70	35.27
20	35.71	35.57	35.43	35.43	35.28	35.43	36.28	36.43	36.28	36.28	34.71	34.85	35.14	35.28	35.43
21	35.43	35.43	35.43	35.43	35.43	35.71	36.28	36.71	36.14	35.14	33.71	32.85	33.42	34.00	35.43
22	36.00	36.14	36.28	36.28	36.14	36.14	36.28	36.57	36.28	35.14	34.85	34.71	35.14	36.14	36.57
23	35.44	35.44	35.58	35.72	35.58	36.15	36.72	37.15	37.01	36.29	34.01	33.72	34.01	34.58	35.15
24	35.58	35.58	35.58	35.44	35.15	35.87	36.72	36.87	36.58	35.15	33.58	33.29	33.86	34.72	35.44
25	35.58	35.58	35.72	35.87	36.15	35.58	36.29	36.87	36.72	36.44	35.15	33.72	33.86	34.72	34.86
26	36.02	36.16	36.02	36.02	36.73	35.45	35.30	35.45	35.73	35.88	35.45	34.73	34.45	34.87	35.30
27 [a]	35.73	35.73	35.73	35.59	35.45	35.30	35.45	36.16	36.45	36.59	36.16	34.87	33.87	34.02	34.30
28	35.59	35.59	35.59	35.45	35.30	36.02	36.30	37.02	37.31	37.16	35.59	34.45	34.30	34.59	34.73
29	35.46	35.89	35.74	35.60	35.46	35.17	35.46	35.74	36.31	36.03	35.60	35.03	35.31	35.46	35.46
30	35.89	35.89	36.03	35.74	35.74	35.60	36.31	36.03	35.74	35.17	34.88	33.74	34.03	34.46	34.88
31 [b]	35.60	35.74	36.03	35.89	35.74	36.03	36.46	36.31	36.31	35.74	35.17	34.74	34.88	35.03	35.17
Mean	35.66	35.69	35.68	35.63	35.51	35.73	36.02	36.19	36.05	35.57	34.74	34.31	34.59	35.09	35.63
Mean [a]	35.60	35.57	35.52	35.49	35.23	35.60	35.98	36.29	36.26	35.40	34.23	33.83	34.03	34.40	35.17
Mean [b]	35.69	35.52	35.35	35.23	35.03	35.32	35.55	35.72	35.57	35.37	34.80	34.83	35.40	35.92	36.17

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

SEPTEMBER, 1918. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
35.20	36.06	35.63	34.49	34.34	34.64	34.63	34.92	35.77	35.56	8	00	39.35	13	00	32.20	7.15	1
35.35	35.92	35.49	35.35	35.35	35.35	35.49	35.49	35.49	35.45	7	20	39.13	12	18	32.42	6.71	2
35.34	35.91	35.62	35.05	35.48	35.34	35.48	35.62	35.76	35.62	7	18	39.98	13	09	32.05	7.93	3
36.48	36.48	36.34	36.19	36.05	35.91	35.76	35.62	35.76	35.97	7	00	39.05	12	33	33.26	5.79	4
36.48	36.34	36.19	35.91	35.62	35.34	35.34	35.48	35.62	35.34	6	36	37.62	12	00	32.19	5.43	5
35.75	36.04	35.75	35.47	35.33	35.47	35.33	35.61	35.75	35.35	6	00	38.19	12	00	32.32	5.87	6
35.90	36.76	36.33	35.90	35.47	35.33	35.33	35.33	35.47	35.45	6	12	38.04	13	00	32.32	5.72	7
36.47	37.90	36.61	35.75	36.04	35.47	35.61	35.75	35.75	35.77	7	27	39.26	12	00	32.18	7.08	8
35.89	36.03	35.74	35.60	35.46	35.46	35.46	35.46	35.60	35.32	7	00	38.46	12	36	31.38	7.08	9
35.03	35.17	35.46	35.60	35.74	35.87	35.74	35.74	35.89	35.48	7	20	38.25	12	00	32.17	6.08	10
34.60	35.46	35.60	35.60	35.60	35.60	35.60	35.60	35.74	35.20	7	18	37.67	13	00	31.74	5.93	11
35.02	35.73	35.88	35.88	35.88	35.59	35.45	35.31	35.59	35.76	8	00	38.59	14	00	33.16	5.43	12
36.16	36.31	36.16	36.02	36.02	35.88	35.73	35.59	35.73	35.83	8	00	38.31	12	33	32.95	5.36	13
35.02	36.16	36.59	36.16	36.02	35.88	35.73	35.88	35.88	35.45	7	00	38.17	12	00	31.87	6.30	14
34.87	35.58	35.44	35.30	35.30	35.44	35.58	35.58	35.72	35.40	7	00	38.73	12	33	32.08	6.65	15
35.44	35.87	35.30	35.15	35.15	35.15	35.15	35.30	35.30	35.08	7	24	37.58	12	30	31.80	5.78	16
35.73	36.02	35.88	35.73	35.45	35.59	35.59	35.59	35.59	35.60	7	10	37.73	11	33	33.52	4.21	17
36.59	36.16	36.02	35.45	35.02	35.45	35.31	35.16	35.16	35.38	7	00	38.02	12	30	32.09	5.93	18
36.45	36.74	36.45	35.88	35.31	35.59	35.45	35.31	35.31	35.13	17	00	36.74	12	36	31.95	4.79	19
36.03	36.32	36.17	36.46	36.03	35.60	35.03	35.32	34.74	35.22	7	00	37.17	12	50	32.53	4.64	20
36.89	37.89	36.32	35.32	34.17	34.74	35.32	35.17	35.32	35.32	17	48	38.89	12	50	32.39	6.50	21
35.60	35.60	35.46	35.32	35.32	35.32	35.32	35.46	35.60	35.21	7	18	36.96	13	00	33.31	3.65	22
34.75	35.33	35.33	35.33	35.33	35.18	35.18	35.33	35.47	35.34	7	00	38.33	12	00	32.47	5.86	23
35.04	35.33	35.33	35.33	35.33	35.18	35.18	35.33	35.61	35.40	7	00	37.33	13	00	34.04	3.29	24
36.18	36.61	36.18	35.61	35.47	35.47	35.33	35.33	35.47	35.64	7	50	37.54	13	42	33.54	4.00	25
36.19	36.48	35.91	35.48	35.62	35.62	35.62	35.48	35.48	34.99	6	42	36.94	12	00	32.05	4.89	26
35.76	36.34	36.05	35.63	35.63	35.63	35.48	35.34	35.34	35.50	8	00	37.91	12	00	32.76	5.15	27
35.48	34.62	34.76	34.91	35.34	35.48	35.34	35.62	36.19	35.37	7	40	37.69	13	00	33.05	4.64	28
36.06	35.20	34.63	35.20	35.35	35.35	35.35	35.49	35.63	35.50	6	12	37.99	12	21	32.42	5.57	29
35.92	35.06	35.06	35.06	35.20	35.06	35.20	35.35	35.49	35.33	6	00	36.78	11	00	33.34	3.44	30
35.72	36.05	35.79	35.54	35.54	35.43	35.40	35.45	35.57	35.43	---		38.08	---		32.52	5.56	---
35.37	35.97	35.80	35.57	35.57	35.54	35.52	35.46	35.60	35.40	---		37.89	---		32.51	5.38	---
36.23	36.63	36.12	35.52	34.97	35.20	35.15	35.18	35.26	35.32	---		38.03	---		32.23	5.80	---

OCTOBER, 1918. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
36.64	36.21	35.93	35.50	35.36	35.36	35.36	35.50	35.64	35.82	8	00	37.36	11	00	34.36	3.00	1
36.64	36.07	35.36	34.93	35.21	35.36	35.21	35.36	35.64	35.72	8	00	36.93	12	00	34.64	2.29	2
36.08	36.37	35.65	35.51	35.51	35.51	35.65	35.65	35.80	35.60	7	24	36.65	14	00	33.94	2.71	3
36.22	35.94	35.51	35.65	35.51	35.51	35.51	35.51	35.65	35.61	6	00	37.23	11	00	33.79	3.44	4
36.51	35.94	35.08	35.08	35.08	35.08	35.22	35.37	35.51	35.50	16	00	36.51	12	00	33.79	2.72	5
36.09	35.95	35.23	35.38	35.09	35.09	35.09	35.23	35.52	35.62	7	00	36.23	13	00	34.66	1.57	6
36.23	35.95	35.52	35.38	35.66	35.38	35.23	35.38	35.52	35.73	16	00	36.23	22	00	35.23	1.00	7
35.23	35.66	34.95	35.09	35.95	35.66	35.09	35.38	35.66	35.40	11	00	36.09	6	00	34.66	1.43	8
36.82	36.24	34.96	35.10	35.10	35.10	35.24	35.53	35.67	35.31	16	00	36.82	12	00	33.96	2.86	9
35.10	34.96	35.10	35.24	35.39	35.24	35.10	35.10	35.24	35.58	10	45	37.24	6	36	34.82	2.42	10
35.96	35.67	35.24	35.67	35.82	35.53	35.39	35.53	35.67	35.26	7	35	36.52	12	00	33.38	3.14	11
36.25	35.97	35.25	35.40	35.40	35.40	35.54	35.83	35.68	35.26	16	24	36.32	11	48	32.68	3.64	12
35.68	35.68	35.25	35.25	35.40	35.25	35.11	35.25	35.40	35.28	7	00	36.40	11	39	33.54	2.86	13
36.11	35.83	35.25	35.40	35.40	35.25	35.11	35.25	35.54	35.46	9	00	37.11	11	00	34.11	3.00	14
36.84	36.12	35.12	35.12	35.26	35.55	35.41	35.26	36.12	35.77	16	00	36.84	12	00	34.69	2.15	15
36.55	36.12	36.26	35.55	35.84	35.41	36.26	35.69	36.12	35.73	15	25	38.84	5	00	33.98	4.86	16
35.99	34.99	35.42	35.56	35.56	35.42	36.27	35.13	35.70	35.05	15	33	36.71	11	00	33.27	3.44	17
36.56	36.13	35.56	35.56	35.56	35.42	35.42	35.56	35.56	35.21	16	16	36.63	12	15	32.49	4.14	18
35.85	35.13	35.27	35.42	35.42	35.27	35.27	34.99	35.99	35.42	7	00	36.56	12	10	33.92	2.64	19
36.28	36.14	34.85	35.28	35.28	35.28	35.28	35.43	35.43	35.53	8	00	36.43	11	20	34.57	1.86	20
36.14	35.57	35.14	35.28	35.43	35.28	35.14	35 43	35.71	35.24	8	00	36.71	12	00	32.85	3.86	21
36.71	36.43	35.57	36.00	35.71	35.43	35.43	35.43	35.43	35.83	16	00	36.71	12	00	34.71	2.00	22
36.29	36.72	35.58	35.72	35.87	35.58	35.58	35.72	35.72	35.64	8	00	37.15	12	00	33.72	3.43	23
36.15	35.44	35.15	35.72	36.01	35.87	35.58	35.58	35.58	35.44	8	00	36.87	11	27	33.00	3.87	24
35.01	35.01	35.01	34.86	35.01	35.15	35.15	35.44	35.72	35.40	8	00	36.87	12	00	33.72	3.15	25
35.45	35.02	35.16	35.59	35.73	35.73	35.59	35.59	35.59	35.50	2	42	36.30	12	24	34.16	2.14	26
34.73	35.30	35.45	35.73	35.73	35.59	35.59	35.59	35.59	35.45	10	00	36.59	13	15	33.73	2.86	27
35.02	35.16	35.30	35.30	35.02	35.87	35.02	35.30	35.45	35.48	9	36	37.45	12	27	34.16	3.29	28
35.60	35.46	35.31	35.46	35.60	35.60	35.60	35.60	35.74	35.57	9	00	36.31	12	00	35.03	1.28	29
35.60	35.46	35.31	35.46	35.31	35.17	35.17	35.31	35.46	35.35	7	00	36.31	12	12	33.60	2.71	30
36.31	36.60	35.17	35.46	35.31	35.17	35.46	35.60	35.60	35.65	16	34	36.88	12	00	34.74	2.14	31
36.02	35.78	35.32	35.41	35.47	35.40	35.39	35.44	35.63	35.50	---		36.77	---		34.00	2.77	---
35.75	35.69	35.29	35.49	35.55	35.40	35.35	35.49	35.58	35.34	---		36.59	---		33.49	3.10	---
36.14	35.89	35.43	35.32	35.57	35.60	35.66	35.43	35.74	35.51	---		37.09	---		34.26	2.83	---

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1918. 0° East plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1	35.62	35.48	35.33	35.33	35.19	35.05	34.76	34.90	34.76	34.05	33.76	33.90	34.47	35.19	35.33
2	35.77	36.06	35.77	35.63	35.49	35.34	35.63	35.91	36.20	35.77	35.63	35.49	35.49	35.63	35.77
3	35.63	35.63	35.63	35.49	35.34	35.34	35.63	35.91	35.49	35.20	35.06	35.20	35.34	35.63	36.20
4	35.78	35.92	35.92	35.78	35.64	35.50	35.50	35.78	35.50	35.21	35.35	35.50	35.64	36.21	36.64
5 [a]	35.64	35.64	35.64	35.78	35.92	36.21	36.07	36.07	36.07	35.50	35.07	34.92	35.21	35.35	35.50
6 [a]	35.64	35.64	35.64	35.50	35.78	35.92	35.64	36.35	36.21	35.50	34.92	34.64	34.78	35.07	35.35
7 [a]	35.65	35.51	35.51	35.51	35.36	35.65	35.93	35.79	35.65	35.51	35.36	34.79	34.65	35.08	35.79
8	35.65	35.65	35.65	35.51	35.51	35.51	35.65	36.36	36.79	36.94	36.79	36.22	35.22	35.08	35.22
9	35.65	35.65	35.51	35.51	35.51	35.36	35.65	36.22	36.36	36.51	36.65	36.08	35.79	35.51	36.08
10	35.94	35.80	35.80	35.66	35.80	35.52	35.94	36.23	36.66	36.80	36.66	36.23	35.52	35.09	35.80
11 [b]	35.52	35.37	35.23	34.80	34.94	34.37	34.51	35.23	35.52	35.80	36.23	36.80	36.80	36.37	36.08
12 [b]	35.53	35.10	34.81	34.81	35.24	34.52	34.52	35.53	36.24	36.67	36.10	35.81	37.10	36.38	36.81
13	35.67	34.81	35.24	34.95	34.95	34.67	34.10	34.24	34.52	34.67	34.81	35.10	35.53	36.38	36.67
14	35.38	35.10	35.95	35.81	35.67	35.53	35.38	35.67	35.53	35.53	35.24	35.38	36.10	36.67	36.67
15 [b]	35.54	35.54	35.54	35.39	35.25	35.25	34.96	35.25	35.82	35.68	35.54	36.25	37.25	37.68	37.54
16	34.96	36.11	35.54	35.68	35.39	35.25	34.96	34.68	35.25	35.82	35.96	36.11	36.68	36.97	37.54
17	35.83	35.55	35.83	35.97	35.69	35.55	35.26	35.12	34.97	34.83	34.83	34.97	35.97	36.83	37.12
18	35.40	35.55	35.55	36.26	35.97	35.97	36.26	36.40	35.97	35.26	34.83	34.26	35.26	36.40	36.98
19	35.56	35.70	35.70	35.56	35.70	36.27	36.70	36.99	37.70	37.41	36.56	36.27	36.13	36.41	36.70
20	35.70	35.56	35.56	35.41	35.41	35.27	34.70	34.55	34.41	34.41	34.84	35.27	36.27	36.70	37.13
21	35.84	35.84	35.70	35.56	35.41	35.13	34.84	35.27	35.56	35.56	35.41	35.84	36.70	36.99	37.70
22	35.57	35.85	35.71	35.28	35.14	34.85	34.99	36.14	36.57	37.00	37.14	36.42	36.71	36.85	37.00
23 [b]	36.28	36.42	36.42	36.14	35.71	35.28	34.99	35.85	36.42	36.57	35.71	35.85	36.14	35.57	36.71
24	36.72	36.58	36.43	36.00	35.43	34.86	34.15	34.57	35.00	35.15	35.15	36.29	37.01	36.86	36.58
25	36.29	36.43	35.58	36.15	35.58	35.15	34.57	34.43	34.29	35.00	34.86	34.72	35.29	35.29	35.43
26 [a]	36.00	36.29	36.15	35.72	35.58	35.43	35.58	35.86	36.43	36.58	36.00	35.72	36.58	36.58	36.43
27 [a]	35.87	35.87	35.73	35.59	35.20	35.16	34.73	35.01	35.44	35.87	36.01	36.44	36.87	37.02	37.02
28	35.73	35.73	35.73	35.59	35.44	35.30	34.87	34.73	35.01	35.59	36.01	36.30	36.30	36.30	36.44
29 [b]	35.73	35.73	35.73	35.73	35.59	35.44	34.87	34.87	36.01	35.44	35.59	35.73	36.01	36.59	36.73
30	36.30	36.44	37.02	37.16	36.73	36.30	35.58	32.87	32.01	33.58	34.44	35.44	36.44	36.73	36.73
Mean	35.75	35.75	35.72	35.64	35.52	35.36	35.16	35.43	35.61	35.65	35.55	35.60	35.98	36.18	36.48
Mean [a]	35.76	35.79	35.73	35.62	35.59	35.67	35.59	35.82	35.96	35.79	35.47	35.30	35.62	35.82	36.02
Mean [b]	35.72	35.63	35.55	35.37	35.35	34.97	34.77	35.35	36.00	36.03	35.83	36.09	36.66	36.52	36.92

DECEMBER, 1918. 0° East plus tabular quantities.

	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′
1 [b]	36.31	36.31	36.17	36.31	35.60	35.17	34.02	33.59	34.02	34.74	35.31	36.31	36.74	37.17	37.60
2	35.31	35.02	34.02	34.88	33.88	35.02	33.88	33.16	34.31	35.02	35.31	35.45	35.60	36.31	36.60
3	35.61	35.61	35.75	35.61	35.61	35.46	35.32	35.32	35.61	36.32	36.18	36.46	36.75	37.04	37.18
4	35.46	35.61	35.75	35.75	35.75	35.61	35.46	35.61	36.32	35.61	35.46	35.75	36.32	36.32	36.61
5 [a]	35.46	35.32	35.46	35.61	35.75	36.03	35.89	35.61	35.61	35.03	34.32	34.46	34.89	35.32	35.46
6 [a]	35.76	35.76	35.76	35.76	35.62	35.47	35.62	36.19	36.33	36.47	36.19	35.90	36.04	36.33	36.47
7	35.62	35.62	35.76	35.76	35.62	35.47	35.33	35.62	35.33	34.47	33.76	34.04	35.47	35.90	35.76
8 [b]	35.90	35.76	35.19	35.47	35.33	35.04	34.90	34.90	35.33	34.61	34.19	35.04	36.62	37.90	39.19
9 [b]	34.76	34.34	34.62	34.91	34.91	34.20	34.05	33.90	34.34	34.91	34.20	35.05	36.20	36.48	36.77
10	35.91	35.05	34.48	34.20	34.91	35.34	34.62	34.20	34.91	33.91	34.20	34.77	34.62	35.63	36.77
11	35.20	35.05	35.20	35.34	35.34	35.48	35.34	35.34	35.34	34.77	34.34	34.20	34.77	35.48	36.63
12	35.21	35.35	35.21	35.35	35.64	35.49	36.35	36.92	36.64	34.92	33.49	33.06	33.49	35.35	36.06
13	35.35	35.21	35.21	35.64	35.78	36.06	36.49	36.78	36.92	35.92	34.92	34.35	34.92	35.35	36.21
14	34.92	35.49	35.64	35.49	35.21	36.21	36.06	36.64	36.78	36.35	34.63	34.35	34.92	35.49	36.64
15	35.50	35.65	35.65	35.50	35.36	35.36	35.07	35.22	35.36	35.50	35.22	34.79	35.36	36.22	36.79
16	35.65	35.65	35.65	35.65	35.50	35.36	35.22	36.07	37.22	37.36	36.36	35.07	35.65	36.65	36.93
17	35.66	35.80	35.66	35.66	35.66	35.57	34.80	34.51	35.23	35.66	35.37	34.51	35.23	36.08	36.58
18	35.45	35.45	35.60	35.60	35.45	35.31	35.17	35.31	35.88	35.88	35.45	35.31	35.60	36.16	37.16
19	35.45	35.45	35.45	35.31	35.17	35.03	34.74	34.46	34.74	34.89	35.03	35.17	36.16	36.59	36.73
20	35.18	35.89	36.46	36.32	36.32	35.61	34.47	34.19	33.76	33.62	34.04	34.61	34.90	35.75	36.46
21	35.04	35.46	35.46	36.17	36.46	36.32	36.32	36.17	36.03	35.46	34.90	34.75	34.19	34.75	35.46
22	35.46	35.75	35.46	36.03	36.17	36.17	35.89	35.75	35.32	34.61	34.19	34.04	34.33	34.61	35.89
23	35.47	35.33	35.62	35.76	35.62	35.76	35.19	34.91	34.91	33.49	33.34	33.49	33.63	34.76	35.05
24	35.47	35.47	35.33	35.19	34.91	35.02	34.91	35.19	36.04	35.47	34.91	34.32	34.76	34.91	35.47
25 [b]	35.48	35.34	35.34	35.48	35.48	35.48	35.06	35.34	36.48	36.34	35.48	34.63	34.92	35.34	36.34
26 [b]	35.20	34.35	33.64	33.50	32.93	35.06	34.77	36.62	36.34	35.48	34.92	34.77	35.06	35.06	35.34
27	35.20	35.06	35.06	35.06	33.64	34.77	35.06	35.77	36.48	36.76	34.92	35.06	34.92	34.35	34.77
28 [a]	35.21	35.35	35.49	35.49	35.35	35.21	35.49	36.35	36.91	37.63	37.77	36.20	35.64	36.20	36.06
29 [a]	35.35	35.21	35.21	35.07	35.07	35.21	35.21	35.21	35.21	35.07	35.07	35.21	35.49	35.21	35.21
30 [a]	35.21	35.07	35.21	35.21	35.35	35.49	35.21	35.35	35.78	36.06	35.49	35.21	34.93	34.64	35.35
31	35.22	35.22	35.22	35.22	35.08	35.22	34.94	35.22	35.36	35.93	35.50	35.08	34.79	34.65	35.22
Mean	35.39	35.39	35.35	35.43	35.31	35.41	35.19	35.34	35.64	35.43	34 98	34.88	35.26	35.74	36.28
Mean [a]	35.40	35.34	35.43	35.43	35.43	35.48	35.48	35.74	35.97	36.05	35.77	35.40	35.40	35.54	35.71
Mean [b]	35.53	35.22	34.99	35.13	34.85	34.99	34.56	34.87	35.30	35.22	34.82	35.16	35.91	36.39	37.05

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF DECLINATION.

NOVEMBER, 1918. 0° East plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
35.33	35.48	35.76	35.48	35.48	35.48	35.48	35.62	35.76	35.12	18	45	36.04	11	10	33.69	2.35	1
35.91	36.06	35.49	35.91	35.63	35.49	35.34	35.49	35.49	35.68	9	00	36.20	5	36	35.20	1.00	2
36.34	36.06	35.49	35.63	35.77	35.49	35.49	35.63	35.77	35.60	16	00	36.34	11	00	35.06	1.28	3
36.78	36.50	35.64	35.78	35.78	35.64	35.50	35.64	35.64	35.78	16	00	36.78	10	00	35.21	1.57	4
35.78	35.92	35.64	35.78	35.78	35.64	35.64	35.64	35.64	35.67	6	10	36.28	11	24	34.85	1.43	5
35.64	35.92	35.92	36.21	36.21	35.92	35.78	35.64	35.64	35.64	8	00	36.35	12	00	34.64	1.71	6
36.22	36.51	36.22	36.22	36.07	35.79	35.65	35.65	35.65	35.66	16	45	36.65	12	24	34.58	2.07	7
35.79	35.79	35.65	35.79	35.93	35.79	35.65	35.65	35.65	35.81	9	51	37.01	14	50	35.01	2.00	8
36.36	36.51	36.22	36.08	35.93	35.79	35.65	35.65	35.65	35.91	11	00	36.65	6	00	35.36	1.29	9
36.23	36.23	36.09	36.37	36.23	35.94	35.80	35.80	35.66	35.99	10	00	36.80	14	00	35.09	1.71	10
36.37	36.52	35.52	36.23	35.80	35.80	35.66	35.52	35.37	35.71	16	42	37.08	16	00	34.37	2.71	11
36.67	37.81	37.10	36.67	36.38	36.81	35.81	35.67	35.95	36.00	17	00	37.81	6	27	34.38	3.43	12
36.81	36.10	36.24	36.10	36.10	36.38	35.95	35.67	35.53	35.47	15	30	36.88	7	00	34.10	2.78	13
36.53	36.38	36.24	36.38	35.67	35.53	35.53	35.53	35.53	35.79	14	20	37.74	6	09	34.96	1.78	14
37.25	36.68	36.54	36.25	36.11	35.82	35.96	35.82	35.82	36.03	13	27	37.75	7	00	34.96	2.79	15
37.25	37.68	36.39	36.25	36.11	35.82	35.54	35.39	35.54	35.95	15	27	37.75	8	00	34.68	3.07	16
36.98	36.69	36.26	36.12	36.12	35.12	35.26	35.12	35.26	35.72	15	00	37.12	10	39	34.76	2.36	17
36.55	36.26	36.12	36.26	35.97	35.69	34.97	35.40	35.55	35.80	15	06	37.05	12	00	34.26	2.79	18
36.56	36.27	36.13	36.13	35.84	35.70	35.56	35.41	35.56	36.19	9	00	37.70	23	18	35.34	2.36	19
36.99	36.27	35.98	36.27	36.13	35.98	35.98	35.84	35.84	35.69	15	00	37.13	9	36	34.34	2.79	20
37.56	36.99	36.56	36.70	36.27	36.13	35.84	35.70	35.56	36.03	15	00	37.70	7	00	34.84	2.86	21
37.14	37.00	36.28	36.42	36.14	35.99	35.99	36.14	36.28	36.19	10	40	37.21	6	00	34.81	2.40	22
36.71	36.85	34.71	34.99	35.71	36.42	36.28	35.99	36.42	36.01	17	00	36.85	18	00	34.71	2.14	23
36.29	36.00	35.29	35.43	35.43	35.29	35.29	35.43	36.15	35.72	13	00	37.01	6	48	34.08	2.93	24
35.58	36.15	35.72	36.00	36.00	35.86	35.72	35.72	36.15	35.50	2	00	36.43	9	00	34.29	2.14	25
36.43	36.29	35.86	35.72	35.72	35.86	35.58	35.58	35.72	35.99	13	10	36.65	6	00	35.43	1.22	26
36.59	36.30	36.01	35.73	35.73	35.73	35.73	35.73	35.73	35.88	14	48	37.16	7	00	34.73	2.43	27
36.44	36.16	35.59	35.59	35.59	35.44	35.30	35.44	35.59	35.68	16	24	36.58	8	00	34.73	1.85	28
36.59	36.30	36.16	36.44	36.59	36.44	36.30	35.87	35.87	35.93	15	00	36.73	7	50	34.80	1.93	29
36.59	36.44	36.30	36.01	35.73	35.59	35.30	35.01	35.16	35.58	4	20	37.23	9	18	31.94	5.29	30
36.48	36.40	35.97	36.03	35.93	35.81	35.65	35.61	35.70	35.79	.....		36.92	.....		34.64	2.28	.....
36.13	36.19	35.93	35.93	35.90	35.79	35.68	35.65	35.68	35.77	.....		36.62	.....		34.85	1.77	.....
36.72	36.83	36.01	36.12	36.12	36.26	36.00	35.77	35.89	35.94	.....		37.24	.....		34.64	2.60	.....

DECEMBER, 1918. 0° East plus tabular quantities.

′	′	′	′	′	′	′	′	′	′	h.	m.	′	h.	m.	′	′	
37.74	37.31	36.45	36.60	36.45	35.88	35.92	35.74	35.60	35.96	16	00	37.74	8	00	33.59	4.15	1
36.74	36.60	35.88	36.02	36.02	35.88	35.74	35.60	35.60	35.33	16	00	36.74	8	00	33.16	3.58	2
37.04	36.75	35.61	36.61	35.46	35.32	35.32	35.46	35.61	35.96	16	24	37.32	20	10	35.25	2.07	3
36.75	36.61	36.32	35.61	35.89	35.61	35.46	35.46	35.32	35.85	16	00	36.75	23	42	35.25	1.50	4
35.89	35.89	35.61	35.89	36.03	35.89	35.75	35.75	35.75	35.53	6	06	36.10	11	00	34.32	1.78	5
36.47	36.33	36.33	36.19	36.04	35.90	35.76	35.76	35.62	36.00	10	15	36.54	6	00	35.47	1.07	6
37.62	37.47	37.05	36.90	36.62	36.47	36.33	36.19	35.90	35.84	16	42	37.76	11	20	33.69	4.07	7
39.33	37.90	37.62	37.33	38.62	36.76	36.20	35.33	34.90	36.22	16	18	39.76	10	36	34.05	5.71	8
37.06	37.77	37.20	36.77	36.63	36.48	36.34	35.48	35.20	35.52	17	00	37.77	6	30	33.76	4.01	9
37.77	37.06	37.77	36.63	36.48	36.48	35.91	35.48	34.91	35.46	16	24	37.84	10	15	33.84	4.00	10
37.20	36.77	36.63	36.48	36.48	36.20	35.91	35.63	35.20	35.60	16	36	37.27	11	42	34.13	3.14	11
36.35	36.21	36.35	36.35	36.21	36.06	36.06	35.35	35.35	35.53	8	00	36.92	12	00	33.06	3.86	12
36.64	36.64	36.49	36.35	36.21	36.06	35.64	35.49	35.35	35.83	9	00	36.92	12	00	34.35	2.57	13
36.92	36.78	36.64	36.64	36.49	35.92	35.64	35.49	35.49	35.87	16	06	36.99	12	18	34.28	2.71	14
37.08	36.79	36.65	36.50	36.36	36.22	35.93	35.79	35.65	35.81	16	00	37.08	12	00	34.79	2.29	15
37.22	36.65	36.22	36.36	35.93	36.07	35.79	35.50	35.65	36.06	9	57	37.43	12	00	35.07	2.36	16
36.58	36.44	36.15	36.01	36.01	35.87	35.87	35.73	35.59	35.67	16	18	36.65	12	10	34.44	2.21	17
36.87	36.16	35.88	36.02	36.16	35.88	35.74	35.60	35.60	35.78	15	48	37.30	7	00	35.17	2.13	18
36.87	36.87	35.60	35.88	35.60	35.45	36.31	36.02	35.45	35.60	17	20	37.01	8	00	34.46	2.55	19
36.74	36.32	36.03	35.61	35.75	35.61	35.89	35.32	35.46	35.43	16	20	36.81	10	00	33.62	3.19	20
36.32	36.17	36.03	35.61	35.46	35.61	35.46	35.32	35.32	35.59	5	00	36.46	13	00	34.19	2.27	21
36.74	36.17	35.89	36.17	36.17	36.03	35.89	35.89	35.75	35.60	16	18	36.81	12	06	33.97	2.84	22
35.47	36.18	35.90	35.76	35.62	35.62	35.47	35.47	35.47	35.14	16	50	36.25	11	00	33.34	2.91	23
36.18	36.61	35.47	35.62	35.90	35.33	35.47	35.33	35.47	35.36	17	00	36.61	12	00	34.32	2.29	24
36.48	36.48	36.48	36.76	36.62	36.19	36.76	36.34	35.06	35.82	22	39	37.47	12	00	34.63	2.84	25
36.05	35.77	35.20	35.48	35.34	35.34	35.48	35.48	35.34	35.10	8	00	36.62	3	52	32.72	3.90	26
35.20	35.48	35.34	35.48	35.48	35.48	35.34	35.20	35.20	35.21	10	00	36.76	5	10	33.50	3.26	27
36.20	36.20	35.64	35.92	35.64	35.78	35.64	35.49	35.49	35.93	10	36	37.91	5	54	35.14	2.77	28
35.78	35.92	35.64	35.78	35.92	35.64	35.49	35.49	35.35	35.38	17	15	35.99	11	06	35.00	0.99	29
36.06	36.20	35.92	35.92	35.78	35.64	35.49	35.35	35.35	35.47	17	00	36.20	13	40	34.57	1.63	30
36.07	35.93	36.07	36.21	35.50	35.22	34.94	35.08	35.22	35.34	19	00	36.21	14	00	34.65	1.56	31
36.69	36.53	36.20	36.18	36.09	35.87	35.77	35.57	35.43	35.64	.....		37.03	.....		34.25	2.78	.....
36.08	36.11	35.83	35.94	35.88	35.77	35.63	35.57	35.51	35.66	.....		36.55	.....		34.90	1.65	.....
37.33	37.05	36.59	36.59	36.73	36.13	36.14	35.67	35.22	35.72	.....		37.87	.....		33.75	4.12	.....

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1918. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8082	8084	8089	8091	8094	8096	8103	8115	8127	8138	8153	8138	8124	8114	8112
2	8096	8097	8099	8101	8097	8100	8107	8117	8121	8131	8147	8144	8127	8123	8121
3	8089	8087	8087	8092	8094	8098	8108	8120	8127	------	------	------	8160	8157	8151
4	8125	8130	8128	8129	8129	8130	8141	8149	8148	8154	8149	8164	8141	8133	8131
5 b	8092	8088	8094	8098	8094	8093	8105	8114	8116	8124	8135	8144	8126	8119	8102
6	8087	8088	8078	8081	8078	8080	8094	8105	8112	8112	8114	8103	8112	8113	8095
7	8059	8058	8059	8059	8060	8063	8067	8076	8081	8099	8095	8091	8088	8079	8071
8 a	8051	8051	8052	8052	8053	8058	8064	8066	8074	8085	8086	8087	8079	8070	8063
9	8048	8048	8049	8050	8049	8048	8051	8064	8070	8078	8084	8082	8069	8068	8060
10	8048	8046	8052	8053	8048	8049	8051	8072	8085	8091	8093	8093	8080	8066	8070
11 a	8030	8031	8049	8044	8044	8046	8059	8069	8076	8082	8088	8090	8075	8059	8049
12 b	8037	8036	8036	8035	8036	8039	8045	8057	8070	8085	8091	8096	8094	8082	8077
13	8001	8003	8006	8009	8016	8027	8028	8040	8045	8051	8049	8054	8040	8041	8033
14	8012	8011	8012	8012	8009	8016	8027	8034	8030	8044	8047	8030	8027	8024	8027
15	8015	8028	8021	8015	8013	8013	8035	8044	8057	8072	8082	8078	8055	8043	8034
16	8012	8016	8023	8016	8018	8016	8024	8035	8043	8062	8081	8082	8069	8062	8039
17 a	8028	8026	8028	8030	8032	8035	8042	8049	8066	8081	8087	8086	8079	8068	8057
18 a	8033	8033	8035	8036	8040	8041	8049	8056	8069	8092	8107	8103	8090	8071	8065
19 a	8046	8051	8051	8053	8052	8053	8064	8077	8085	8102	8117	8121	8120	8104	8090
20	8054	8053	8052	8056	8056	8058	8062	8072	8089	8112	8126	8133	8135	8117	8082
21	8036	8039	8045	8057	8059	8065	8073	8099	8098	8110	8118	8116	8104	8094	8087
22	8024	8041	8039	8040	8038	8041	8046	8060	8071	8091	8097	8097	8094	8082	8066
23	8043	8042	8043	8047	8048	8050	8052	8061	8070	8086	8090	8089	8085	8075	8071
24	8053	8053	8054	8056	8058	8058	8071	8079	8091	8106	8123	8114	8109	8095	8086
25	8030	8040	8040	8043	8052	8056	8069	8081	8090	8104	8114	8127	8102	8082	8070
26	8057	8062	8063	8061	8065	8067	8075	8088	8101	8119	8134	8121	8111	8100	8086
27	8068	8072	8071	8073	8078	8083	8093	8094	8104	8115	8127	8116	8116	8106	8091
28	8057	8057	8061	8060	8060	8068	8077	8093	8102	8122	8133	8129	8117	8106	8089
29 b	8084	8074	8067	8071	8083	8090	8111	8118	8131	8146	8151	8150	8136	8132	8124
30 b	8044	8039	8035	8045	8056	8056	8066	8080	8094	8099	8104	8113	8097	8091	8077
31 b	8036	8047	8053	8058	8073	8073	8047	8045	8037	8062	8075	8067	8093	8089	8080
Mean	8051	8053	8054	8056	8057	8060	8068	8078	8086	8098	8107	8105	8099	8089	8079
Mean a	8038	8038	8043	8043	8044	8047	8056	8063	8074	8088	8097	8097	8089	8074	8065
Mean b	8059	8057	8057	8061	8068	8070	8075	8083	8090	8103	8111	8114	8109	8103	8092

FEBRUARY, 1918. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8028	8054	8030	8029	8029	8044	8056	8064	8094	8088	8092	8095	8081	8077	8062
2	8078	8076	8074	8062	8065	8073	8074	8083	8092	8107	8089	8101	8099	8092	8082
3	8071	8082	8080	8070	8069	8072	8067	8084	8092	8102	8114	8116	8118	8120	8112
4	8079	8079	8078	8082	8082	8083	8093	8106	8114	8122	8120	8123	8126	8122	8117
5 b	8085	8084	8084	8090	8088	8091	8096	8106	8123	8137	8133	8132	8137	8130	8170
6 b	8070	8080	8080	8083	8094	8104	8106	8125	8097	8099	8087	8088	8074	8063	8065
7	8054	8067	8066	8075	8081	8090	8097	8097	8106	8123	8113	8118	8113	8114	8098
8 a	8075	8077	8078	8080	8079	8082	8088	8103	8117	8119	8117	8114	8124	8120	8106
9	8080	8085	8087	8089	8094	8099	8104	8106	8124	8132	8137	8153	8145	8137	8125
10	8089	8094	8102	8094	8090	8091	8092	8108	8130	8120	8116	8110	8106	8103	8090
11	8068	8088	8086	8087	8090	8088	8097	8121	8103	8112	8128	8120	8115	8100	8096
12 b	8069	8068	8076	8069	8070	8062	8065	8067	8088	8081	8078	8077	8074	8062	8056
13 b	8013	8023	8040	8059	8040	8025	8026	8040	8058	8070	8056	8049	8052	8052	8043
14	8038	8041	8038	8037	8044	8053	8066	8084	8096	8111	8116	8124	8109	8083	8071
15 b	8054	8054	8052	8061	8052	8057	8070	8083	8097	8126	8131	8129	8123	8114	8116
16	8054	8051	8050	8078	8099	8067	8078	8093	8122	8143	8150	8150	8135	8120	8107
17	8084	8084	8086	8081	8083	8089	8094	8108	8129	8147	8160	8163	8153	8126	8110
18	8091	8089	8086	8089	8097	8096	8105	8125	8139	8160	8166	8159	8137	8127	8107
19 a	8081	8088	8089	8089	8090	8098	8102	8119	8128	8145	8145	8157	8149	8131	8118
20	8088	8087	8086	8088	8089	8094	8098	8112	8127	8148	8163	8173	8159	8148	8139
21	8096	8099	8084	8084	8087	8091	8101	8114	8124	8137	8148	8162	8133	8107	8116
22 a	8072	8071	8075	8078	8083	8087	8098	8108	8127	8138	8143	8135	8120	8108	8101
23	8090	8091	8089	8094	8095	8097	8096	8108	8126	8144	8156	8155	8154	8139	8127
24	8101	8080	8084	8090	8102	8110	8110	8111	8122	8119	8119	8119	8108	8096	8092
25 a	8067	8068	8074	8072	8084	8083	8084	8092	8099	8118	8127	8131	8119	8104	8096
26 a	8092	8095	8094	8095	8097	8099	8105	8122	8134	8150	8156	8158	8140	8128	8122
27	8101	8100	8100	8099	8100	8103	8108	8123	8138	8157	8167	8166	8155	8142	8132
28	8101	8086	8086	8079	8086	8095	8102	8120	8138	8164	8148	8141	8117	8115	8094
Mean	8074	8077	8076	8078	8081	8083	8089	8101	8114	8126	8128	8129	8121	8110	8103
Mean a	8077	8080	8082	8083	8087	8090	8095	8109	8121	8134	8138	8139	8130	8118	8109
Mean b	8058	8062	8066	8072	8069	8068	8073	8084	8093	8103	8097	8095	8092	8084	8090

a Five international quiet days. b Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JANUARY, 1918.

30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8107	8105	8101	8097	8095	8094	8091	8092	8098	8106	10	50	8155	1	00	8082	73	1
8120	8116	8112	8109	8107	8104	8102	8098	8097	8112	11	08	8148	0	24	8094	54	2
		8158	8162	8147	8133	8133	8126	8111									3
8130	8127	8125	8112	8109	8108	8107	8097	8096	8129	11	54	8166	24	00	8096	70	4
8092	8085	8070	8069	8083	8066	8074	8070	8080	8097	12	00	8144	21	18	8065	79	5
8081	8068	8060	8067	8066	8057	8067	8058	8066	8085	10	16	8124	23	39	8048	76	6
8062	8058	8056	8058	8052	8056	8057	8058	8054	8067	10	18	8100	20	06	8051	49	7
8058	8049	8042	8043	8045	8048	8048	8049	8050	8059	11	40	8089	18	00	8042	47	8
8056	8054	8057	8052	8051	8053	8052	8046	8048	8058	11	00	8084	23	08	8044	40	9
8061	8046	8040	8038	8039	8028	8032	8026	8030	8056	11	13	8097	23	21	8024	73	10
8049	8048	8043	8027	8040	8035	8037	8035	8036	8052	11	43	8095	19	30	8022	73	11
8063	8053	8055	8044	8010	7961	7967	7992	7991	8044	12	20	8105	21	00	7961	144	12
8024	8012	8024	8018	8020	8011	8016	8018	8013	8025	11	37	8057	0	04	7989	68	13
8021	8021	8023	8021	8018	8016	8007	8005	8010	8021	11	28	8057	22	50	8003	54	14
8025	8022	8022	8017	8021	8018	8009	8008	8032	8032	10	50	8082	23	31	8007	75	15
8023	8011	8018	8027	8028	8027	8024	8026	8028	8034	11	40	8089	17	28	8006	83	16
8047	8040	8044	8046	8045	8039	8041	8038	8037	8049	11	00	8087	1	30	8024	63	17
8057	8054	8054	8053	8052	8046	8045	8041	8044	8057	11	07	8109	0	15	8032	77	18
8076	8068	8064	8058	8054	8055	8053	8051	8052	8072	11	35	8123	0	10	8045	78	19
8076	8066	8051	8046	8035	8027	8024	8028	8034	8068	12	37	8137	21	33	8015	122	20
8081	8077	8069	8061	8047	8052	8037	8052	8022	8071	11	00	8118	24	00	8022	96	21
8065	8063	8052	8048	8043	8039	8034	8037	8043	8056	12	10	8098	0	40	8023	75	22
8063	8063	8061	8064	8061	8058	8053	8053	8052	8062	11	20	8096	2	00	8042	54	23
8083	8076	8080	8073	8064	8051	8040	8030	8029	8072	11	00	8123	23	48	8027	96	24
8059	8051	8044	8055	8058	8058	8054	8054	8057	8066	12	00	8127	0	20	8028	99	25
8067	8064	8070	8068	8067	8061	8062	8065	8069	8079	11	15	8136	1	00	8057	79	26
8072	8066	8061	8063	8058	8050	8046	8051	8053	8080	11	04	8128	21	27	8039	89	27
8079	8076	8074	8074	8073	8074	8074	8078	8076	8084	11	00	8133	0	15	8052	81	28
8120	8121	8120	8100	8105	8092	8092	8051	8060	8105	9	38	8156	23	00	8051	105	29
8079	8046	8040	8036	8034	8046	8034	8038	8023	8061	12	00	8113	24	00	8023	90	30
8073	8056	8054	8061	8062	8032	8028	8018	8046	8057	12	24	8107	23	00	8018	89	31
8069	8062	8063	8060	8058	8051	8050	8048	8050	8067	---		8112	---		8034	78	---
8057	8052	8049	8045	8047	8045	8045	8043	8044	8058	---		8101	---		8033	68	---
8085	8072	8068	8062	8059	8039	8039	8034	8040	8073	---		8125	---		8024	101	---

FEBRUARY, 1918.

30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8054	8054	8057	8051	8054	8053	8049	8056	8056	8059	11	34	8099	2	40	8026	73	1
8074	8074	8071	8073	8066	8066	8072	8073	8072	8079	10	00	8107	0	27	8053	54	2
8100	8088	8085	8078	8076	8067	8069	8071	8076	8087	14	00	8120	22	28	8064	56	3
8108	8105	8103	8097	8095	8090	8080	8081	8081	8099	13	00	8126	3	00	8078	48	4
8149	8115	8097	8066	8034	8050	8061	8070	8067	8100	14	57	8173	20	11	8030	143	5
8055	8040	8047	8052	8051	8046	8054	8055	8059	8074	8	24	8132	17	20	8034	98	6
8067	8070	8076	8075	8075	8073	8066	8067	8071	8086	10	06	8125	1	00	8054	71	7
8092	8085	8088	8079	8076	8079	8084	8075	8075	8092	13	00	8124	0	05	8072	52	8
8115	8113	8110	8103	8097	8102	8093	8087	8087	8108	12	06	8156	0	01	8076	80	9
8080	8075	8079	8084	8080	8083	8087	8087	8072	8094	9	00	8130	17	20	8071	59	10
8085	8077	8085	8083	8077	8088	8075	8073	8068	8092	11	10	8134	22	40	8062	72	11
8047	8044	8031	8033	8033	8019	8023	8026	8032	8056	9	12	8095	21	28	8004	91	12
8040	8040	8036	8031	8031	8039	8030	8023	8037	8040	10	00	8070	2	48	8012	58	13
8053	8039	8037	8035	8039	8042	8047	8046	8051	8062	11	40	8121	18	34	8029	92	14
8116	8102	8084	8077	8071	8067	8065	8050	8061	8084	11	00	8131	23	12	8049	82	15
8085	8068	8076	8070	8084	8080	8077	8082	8081	8092	10	19	8153	1	51	8037	116	16
8102	8094	8090	8094	8090	8086	8090	8086	8084	8105	11	55	8164	4	00	8081	83	17
8095	8096	8098	8097	8093	8091	8087	8081	8080	8108	11	00	8166	24	00	8080	86	18
8108	8098	8096	8086	8084	8087	8084	8085	8086	8106	12	00	8157	0	24	8078	79	19
8126	8119	8118	8110	8105	8102	8099	8100	8101	8116	12	00	8173	3	00	8086	87	20
8110	8102	8072	8065	8070	8073	8075	8076	8072	8100	11	38	8171	18	35	8062	109	21
8101	8102	8102	8095	8095	8094	8093	8088	8090	8100	10	20	8145	0	33	8064	81	22
8113	8107	8101	8098	8099	8097	8091	8083	8094	8110	11	20	8159	23	00	8083	76	23
8087	8085	8076	8068	8068	8062	8064	8064	8066	8092	9	00	8122	21	00	8062	60	24
8091	8095	8100	8096	8088	8087	8087	8088	8090	8093	11	30	8134	1	00	8067	67	25
8113	8110	8109	8107	8105	8101	8099	8099	8097	8114	11	32	8161	1	00	8092	69	26
8126	8126	8123	8116	8114	8114	8113	8109	8107	8122	11	00	8167	4	00	8099	68	27
8075	8066	8081	8088	8076	8060	8051	8043	8055	8094	10	22	8176	22	35	8039	137	28
8092	8085	8083	8079	8076	8075	8074	8072	8074	8092	---		8139	---		8059	80	---
8101	8098	8099	8093	8090	8090	8089	8087	8088	8101	---		8144	---		8074	70	---
8081	8068	8059	8052	8044	8044	8047	8045	8051	8071	---		8120	---		8026	94	---

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1918. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8065	8076	8076	8080	8072	8076	8077	8079	8099	8119	8128	8147	8128	8124	8109
2	8082	8081	8082	8084	8084	8089	8097	8115	8134	8145	8149	8147	8131	8123	8111
3	8102	8089	8087	8094	8090	8094	8095	8102	8121	8133	8143	8141	8128	8110	8110
4	8048	8063	8072	8075	8076	8074	8069	8079	8085	8094	8117	8126	8118	8116	8111
5 [a]	8075	8076	8074	8073	8076	8080	8086	8099	8112	8125	8135	8139	8135	8126	8120
6 [a]	8085	8087	8089	8090	8092	8094	8108	8124	8145	8165	8171	8174	8162	8148	8127
7	8099	8101	8100	8101	8104	8105	8108	8120	8137	8150	8163	8164	8169	8157	8136
8 [b]	8099	8100	8100	8104	8108	8136	8119	8115	8065	7974	7966	7973	7985	8002	7992
9	7989	8024	8013	8009	8016	8012	8024	8053	8052	8062	8080	8080	8072	8064	8058
10	8038	8041	8043	8048	8050	8048	8052	8064	8077	8091	8103	8104	8092	8085	8077
11 [b]	8046	8029	8039	8044	8051	8066	8084	8089	8093	8100	8102	8112	8109	8095	8086
12 [b]	8023	8034	8040	8044	8037	8042	8043	8051	8068	8087	8102	8107	8105	8050	8035
13	8040	8039	8040	8042	8046	8048	8060	8063	8081	8101	8127	8142	8125	8110	8089
14	8060	8058	8061	8061	8061	8060	8075	8091	8110	8141	8159	8157	8149	8133	8113
15 [b]	8077	8078	8073	8079	8077	8075	8074	8085	8109	8155	8183	8176	8167	8153	8119
16 [b]	8068	8112	8093	8085	8070	8073	8078	8119	8145	8155	8171	8157	8135	8111	8102
17	8022	8047	8047	8045	8048	8053	8054	8068	8092	8114	8130	8135	8130	8117	8104
18	8060	8061	8061	8061	8062	8064	8082	8102	8129	8156	8172	8179	8170	8141	8117
19 [a]	8054	8056	8056	8057	8059	8064	8066	8078	8093	8117	8136	8138	8123	8121	8108
20	8068	8068	8075	8077	8076	8084	8085	8090	8105	8130	8158	8160	8151	8141	8124
21	8064	8067	8069	8076	8077	8077	8084	8098	8116	8146	8170	8162	8148	8130	8111
22	8048	8064	8058	8067	8066	8071	8079	8099	8109	8122	8150	8154	8138	8109	8099
23	8079	8074	8076	8079	8081	8085	8095	8105	8123	8149	8147	8152	8134	8124	8106
24 [a]	8065	8076	8069	8070	8072	8070	8079	8095	8113	8140	8151	8142	8125	8116	8100
25 [a]	8063	8062	8064	8067	8069	8072	8083	8097	8117	8140	8158	8162	8156	8141	8130
26	8077	8079	8079	8080	8083	8080	8087	8105	8126	8150	8169	8169	8166	8160	8144
27	8087	8086	8088	8090	8097	8089	8101	8116	8123	8148	8163	8178	8163	8146	8122
28	8069	8079	8081	8080	8082	8089	8088	8090	8117	8143	8149	8140	8125	8100	8098
29	8083	8081	8080	8083	8080	8077	8091	8105	8119	8147	8158	8143	8153	8128	8103
30	8077	8082	8081	8083	8083	8083	8089	8100	8117	8146	8168	8165	8162	8147	8124
31	8082	8083	8089	8099	8092	8097	8099	8115	8131	8156	8172	8172	8166	8155	8132
Mean	8064	8070	8070	8072	8072	8075	8081	8094	8108	8126	8140	8142	8133	8119	8104
Mean [a]	8068	8071	8070	8071	8074	8076	8084	8099	8116	8137	8150	8151	8140	8130	8117
Mean [b]	8063	8071	8069	8071	8069	8078	8080	8092	8096	8094	8105	8105	8100	8082	8067

APRIL, 1918. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8071	8069	8078	8078	8076	8080	8095	8104	8138	8163	8184	8180	8172	8154	8130
2	8089	8088	8084	8085	8081	8084	8088	8095	8120	8146	8157	8153	8130	8108	8100
3	8064	8068	8075	8077	8079	8082	8092	8106	8126	8156	8173	8177	8169	8147	8131
4	8078	8082	8085	8087	8084	8079	8073	8076	8095	8115	8135	8143	8133	8116	8096
5 [b]	8060	8066	8064	8060	8057	8065	8076	8076	8104	8118	8128	8133	8114	8088	8080
6 [b]	8019	8038	8053	8045	8047	8035	8049	8058	8050	8069	8072	8078	8069	8070	8071
7	7993	8011	8019	8025	8035	8028	8020	8024	8043	8065	8094	8094	8084	8066	8052
8	8026	8032	8028	8029	8030	8034	8033	8052	8075	8108	8134	8135	8131	8117	8103
9	8039	8039	8046	8033	8032	8032	8037	8068	8098	8130	8147	8151	8138	8104	8092
10	8047	8051	8052	8054	8057	8056	8079	8094	8125	8148	8178	8171	8158	8137	8105
11 [b]	8054	8052	8054	8055	8075	8082	8075	8073	8108	8129	8164	8147	8157	8127	8103
12	7977	7974	7993	8002	8005	8019	8002	8007	8037	8062	8069	8070	8066	8058	8047
13 [a]	8026	8040	8038	8034	8030	8027	8032	8034	8060	8090	8113	8116	8107	8099	8088
14 [a]	8051	8055	8054	8052	8050	8049	8053	8071	8090	8117	8132	8131	8120	8105	8100
15 [a]	8058	8057	8059	8059	8063	8062	8069	8081	8102	8133	8145	8124	8130	8124	8113
16	8069	8068	8067	8069	8072	8071	8076	8092	8111	8131	8144	8138	8126	8115	8102
17	8069	8071	8072	8069	8062	8064	8068	8082	8103	8131	8143	8144	8137	8132	8117
18	8083	8086	8077	8078	8076	8076	8076	8084	8091	8107	8132	8136	8134	8134	8134
19 [b]	8052	8052	8076	8072	8070	8073	8074	8069	8091	8123	8142	8146	8116	8066	8055
20 [a]	8037	8036	8037	8038	8039	8038	8039	8050	8067	8093	8106	8113	8107	8107	8101
21	8055	8055	8062	8063	8065	8067	8071	8086	8108	8133	8150	8148	8142	8132	8118
22	8083	8078	8075	8073	8073	8064	8074	8076	8093	8123	8133	8138	8137	8123	8104
23	8075	8078	8070	8066	8063	8062	8074	8087	8128	8133	8129	8121	8121	8123	8112
24 [a]	8047	8047	8063	8057	8056	8059	8063	8068	8090	8102	8117	8121	8119	8118	8110
25	8066	8070	8067	8074	8076	8078	8085	8097	8117	8143	8154	8145	8143	8140	8123
26 [b]	8081	8078	8072	8065	8045	8035	8043	8033	8044	8043	8055	8044	8041	8065	8054
27	8025	8032	8032	8034	8043	8052	8059	8080	8101	8122	8120	8111	8100	8091	8083
28	8067	8069	8070	8072	8081	8081	8090	8108	8131	8152	8166	8167	8159	8138	8130
29	8063	8064	8063	8063	8058	8063	8068	8083	8095	8116	8128	8135	8138	8137	8112
30	8074	8073	8077	8075	8078	8099	8103	8112	8136	8155	8168	8146	8125	8087	8046
Mean	8053	8056	8059	8058	8059	8060	8065	8074	8096	8119	8134	8132	8124	8111	8097
Mean [a]	8044	8047	8050	8048	8048	8047	8051	8061	8082	8107	8123	8121	8117	8111	8102
Mean [b]	8053	8057	8064	8059	8059	8058	8063	8062	8079	8096	8112	8110	8099	8083	8073

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MARCH, 1918. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8101	8091	8092	8085	8082	8074	8073	8073	8079	8092	12	00	8147	0	15	8056	91	1
8101	8095	8088	8086	8094	8092	8090	8091	8090	8103	11	10	8152	0	20	8077	75	2
8097	8090	8088	8076	8067	8053	8061	8062	8058	8095	11	15	8146	21	36	8042	104	3
8096	8095	8093	8090	8088	8081	8076	8077	8078	8087	11	50	8130	0	46	8044	86	4
8117	8114	8108	8107	8102	8096	8091	8090	8087	8102	12	00	8139	4	00	8073	66	5
8116	8111	8108	8102	8106	8101	8098	8090	8095	8116	11	32	8176	1	00	8085	91	6
8121	8110	8104	8100	8100	8099	8096	8095	8096	8118	13	00	8169	23	00	8095	74	7
7993	7976	7975	7979	7980	7981	7974	7985	7975	8027	5	35	8157	11	20	7944	213	8
8060	8068	8064	8053	8049	8044	8038	8039	8042	8044	13	19	8087	0	01	7975	112	9
8074	8070	8071	8067	8065	8065	8054	8037	8037	8065	11	20	8106	23	55	8032	74	10
8084	8082	8080	8078	8076	8073	8064	8059	8053	8075	11	44	8115	1	52	8027	88	11
8036	8040	8026	8021	8026	8048	8022	8030	8055	8049	11	20	8113	19	00	8021	92	12
8075	8072	8072	8068	8066	8060	8056	8057	8063	8073	11	48	8144	2	00	8039	105	13
8100	8092	8089	8089	8086	8075	8071	8061	8063	8092	10	51	8160	2	00	8058	102	14
8102	8107	8093	8088	8077	8079	8053	8051	8066	8100	12	06	8195	22	26	8038	157	15
8079	8077	8073	8067	8066	8078	8053	8036	8037	8093	11	15	8187	22	40	8026	161	16
8088	8083	8080	8073	8071	8066	8064	8063	8062	8077	11	51	8136	1	00	8022	114	17
8104	8097	8087	8058	8072	8053	8052	8053	8053	8094	11	51	8185	22	00	8052	133	18
8095	8091	8086	8076	8070	8068	8059	8067	8068	8084	11	34	8139	1	00	8054	85	19
8111	8097	8075	8047	8062	8061	8051	8056	8061	8092	12	00	8160	19	00	8047	113	20
8100	8098	8095	8090	8074	8050	8049	8040	8062	8094	11	00	8170	23	23	8036	134	21
8092	8090	8089	8080	8065	8061	8056	8063	8045	8086	12	00	8154	24	00	8045	109	22
8101	8096	8083	8075	8073	8070	8072	8071	8072	8097	11	35	8154	0	01	8046	108	23
8092	8088	8086	8083	8074	8071	8065	8063	8062	8090	11	27	8155	24	00	8062	93	24
8112	8104	8099	8095	8094	8090	8087	8083	8076	8101	11	47	8164	2	00	8062	102	25
8130	8113	8108	8097	8089	8086	8080	8080	8086	8109	11	45	8170	1	00	8077	93	26
8098	8085	8085	8074	8070	8067	8063	8057	8076	8103	11	56	8179	23	00	8057	122	27
8096	8097	8097	8096	8091	8086	8078	8072	8079	8097	10	50	8155	1	00	8069	86	28
8084	8080	8085	8081	8076	8076	8081	8081	8081	8098	12	10	8162	20	45	8074	88	29
8093	8088	8094	8089	8087	8085	8086	8084	8085	8104	11	27	8171	0	21	8074	97	30
8104	8085	8092	8091	8078	8071	8064	8072	8070	8107	11	15	8173	22	00	8064	109	31
8092	8087	8083	8076	8073	8070	8064	8063	8065	8089	----------		8153	----------		8047	106	-------
8106	8102	8097	8093	8089	8085	8080	8079	8078	8099	----------		8154	----------		8067	87	-------
8059	8056	8049	8047	8045	8052	8033	8032	8037	8069	----------		8153	----------		8011	142	-------

APRIL, 1918. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8102	8092	8091	8086	8088	8091	8088	8091	8090	8108	11	00	8184	2	12	8068	116	1
8088	8077	8074	8054	8048	8060	8061	8064	8064	8092	11	18	8159	19	47	8046	113	2
8118	8111	8110	8105	8090	8084	8081	8070	8075	8107	11	27	8179	1	00	8064	115	3
8065	8060	8071	8071	8076	8065	8051	8048	8054	8085	11	26	8145	23	00	8048	97	4
8065	8063	8054	8043	8029	8030	8034	8034	8029	8070	12	16	8149	20	15	8027	122	5
8059	8020	7968	7971	7980	7968	7994	7978	7988	8031	10	21	8088	18	39	7961	127	6
8027	8011	8010	8001	7995	7998	8019	8010	8017	8031	11	46	8095	0	01	7990	105	7
8086	8068	8063	8061	8057	8054	8059	8055	8050	8068	12	14	8147	0	02	8017	130	8
8082	8068	8062	8050	8051	8048	8038	8039	8043	8069	12	00	8161	2	34	8031	120	9
8075	8069	8073	8075	8070	8062	8054	8050	8044	8087	10	48	8179	23	49	8042	137	10
8101	8093	8089	8068	8038	8025	8024	8001	7976	8078	11	04	8166	24	00	7976	190	11
8042	8017	8031	8033	8029	8023	8022	8032	8032	8027	12	28	8077	0	28	7964	113	12
8072	8058	8057	8058	8057	8055	8051	8053	8052	8060	12	00	8116	1	22	8022	94	13
8086	8075	8072	8071	8063	8058	8058	8055	8057	8076	11	00	8132	6	00	8049	83	14
8097	8084	8076	8080	8072	8067	8064	8066	8068	8086	10	40	8148	2	00	8057	91	15
8088	8086	8081	8079	8080	8077	8070	8072	8064	8090	11	00	8144	24	00	8064	80	16
8107	8100	8097	8094	8089	8084	8083	8086	8085	8095	11	12	8145	5	00	8062	83	17
8123	8109	8103	8102	8089	8097	8087	8048	8047	8096	11	43	8139	23	14	8045	94	18
8064	8055	8065	8021	8005	8009	8027	8036	8029	8066	12	24	8159	20	06	8004	155	19
8087	8076	8073	8069	8061	8058	8056	8054	8054	8066	12	08	8114	0	25	8029	85	20
8107	8101	8100	8095	8088	8089	8087	8090	8085	8096	11	39	8151	0	01	8054	97	21
8094	8088	8082	8081	8076	8079	8081	8085	8080	8091	12	00	8138	6	00	8064	74	22
8090	8033	8045	8054	8054	8047	8052	8049	8048	8080	9	15	8138	17	00	8033	105	23
8093	8077	8075	8070	8065	8064	8065	8063	8065	8078	12	00	8121	1	06	8046	75	24
8115	8116	8092	8086	8093	8087	8088	8083	8083	8101	9	37	8158	1	00	8066	92	25
8047	8041	8048	8046	8036	8034	8027	8024	8025	8047	0	36	8083	19	35	8019	64	26
8072	8061	8062	8056	8059	8069	8072	8063	8067	8069	10	15	8124	1	00	8025	99	27
8106	8092	8083	8082	8075	8069	8062	8066	8061	8099	11	39	8175	21	40	8059	116	28
8099	8094	8089	8086	8084	8081	8079	8074	8073	8089	12	33	8139	5	00	8058	81	29
8038	8030	8029	8032	8035	8048	8050	8043	8046	8079	10	55	8170	18	00	8029	141	30
8083	8071	8068	8063	8058	8056	8056	8053	8052	8077	----------		8140	----------		8034	106	-------
8087	8074	8071	8070	8064	8060	8059	8058	8059	8073	----------		8126	----------		8040	86	-------
8067	8054	8045	8030	8018	8013	8021	8015	8009	8058	----------		8129	----------		7997	132	-------

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1918. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 b	8043	8056	8055	8051	8050	8057	8063	8075	8083	8078	8085	8074	8080	8075	8060
2	8059	8055	8054	8057	8044	8056	8058	8071	8094	8119	8124	8131	8132	8127	8111
3	8066	8063	8062	8061	8060	8067	8075	8089	8114	8148	8150	8152	8156	8144	8130
4	8068	8067	8068	8068	8068	8073	8080	8096	8117	8143	8163	8163	8161	8121	8096
5	8052	8065	8064	8066	8069	8079	8088	8101	8116	8121	8126	8113	8092	8077	8056
6	8052	8051	8061	8062	8068	8068	8072	8086	8100	8122	8132	8131	8134	8128	8114
7 a	8066	8065	8066	8064	8066	8069	8070	8081	8100	8113	8126	8132	8137	8140	8121
8 a	8078	8080	8080	8079	8081	8082	8089	8093	8119	8138	8154	8164	8159	8147	8128
9 a	8077	8076	8076	8080	8083	8089	8097	8114	8134	8154	8172	8187	8177	8165	8146
10	8078	8084	8089	8086	8086	8085	8095	8101	8127	8139	8158	8171	8153	8152	8136
11	8079	8083	8081	8082	8086	8092	8094	8110	8129	8142	8157	8162	8162	8150	8136
12	8070	8079	8081	8073	8098	8095	8101	8098	8105	8125	8128	8134	8134	8129	8119
13	8068	8073	8077	8078	8072	8075	8076	8082	8095	8093	8110	8121	8101	8103	8103
14	8084	8083	8082	8084	8083	8087	8095	8107	8123	8142	8146	8143	8142	8137	8123
15	8081	8077	8078	8076	8083	8062	8069	8090	8102	8113	8118	8126	8140	8121	8109
16 b	8086	8076	8067	8056	8076	8088	8094	8096	8105	8120	8127	8118	8117	8111	8096
17 b	8088	8097	8090	8052	8018	8014	7997	7964	7972	8006	8041	7999	7984	8003	7990
18 b	8020	8020	8024	8029	8033	8029	8040	8052	8067	8082	8081	8095	8075	8073	8067
19 b	8047	8043	8044	8046	8044	8045	8048	8053	8063	8065	8080	8082	8089	8082	8077
20	8050	8049	8054	8053	8051	8052	8056	8062	8071	8096	8109	8103	8100	8098	8089
21	8053	8056	8057	8063	8062	8059	8073	8077	8077	8085	8106	8102	8097	8091	8083
22	8064	8064	8063	8065	8063	8065	8070	8081	8092	8108	8115	8121	8120	8114	8093
23	8067	8069	8070	8072	8077	8081	8084	8085	8100	8106	8120	8132	8129	8126	8106
24	8072	8072	8070	8072	8075	8080	8089	8108	8114	8130	8138	8138	8130	8112	8099
25	8092	8092	8093	8093	8100	8111	8118	8125	8134	8138	8150	8138	8121	8116	8100
26 a	8074	8081	8077	8077	8081	8087	8099	8108	8119	8131	8139	8134	8125	8111	8100
27 a	8080	8081	8084	8084	8085	8084	8084	8106	8116	8129	8134	8143	8142	8137	8129	8116
28	8078	8079	8085	8084	8090	8095	8104	8115	8124	8134	8145	8142	8137	8129	8117
29	8085	8090	8091	8097	8101	8111	8119	8132	8125	8145	8153	8151	8150	8131	8103
30	8068	8067	8070	8070	8065	8070	8080	8082	8085	8107	8117	8112	8115	8105	8096
31	8065	8064	8066	8072	8872	8075	8084	8098	8101	8121	8128	8130	8117	8114	8096
Mean	8068	8070	8070	8069	8071	8074	8080	8089	8101	8116	8127	8127	8123	8115	8101
Mean a	8075	8077	8077	8077	8079	8082	8092	8102	8120	8134	8147	8152	8147	8138	8122
Mean b	8057	8058	8056	8047	8044	8047	8048	8048	8058	8070	8083	8074	8069	8069	8058

JUNE, 1918. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8084	8083	8083	8081	8079	8079	8082	8087	8104	8119	8132	8140	8143	8137	8127
2 a	8090	8090	8095	8095	8095	8096	8097	8106	8119	8134	8150	8149	8148	8138	8130
3 a	8090	8090	8091	8091	8091	8098	8104	8120	8136	8156	8162	8170	8169	8159	8141
4 a	8091	8092	8093	8095	8095	8101	8116	8125	8139	8155	8170	8168	8168	8161	8146
5	8098	8099	8100	8100	8101	8102	8111	8111	8112	8128	8139	8145	8148	8145	8138
6	8098	8101	8100	8102	8109	8114	8117	8128	8123	8123	8131	8129	8129	8125	8111
7	8088	8089	8091	8092	8094	8100	8099	8100	8101	8104	8108	8118	8115	8117	8118
8	8091	8092	8095	8096	8096	8101	8117	8126	8128	8147	8146	8155	8155	8150	8135
9 b	8088	8091	8092	8095	8096	8097	8101	8102	8110	8118	8127	8132	8137	8137	8134
10 b	8099	8076	8073	8073	8072	8100	8113	8144	8141	8105	8128	8143	8147	8113	8099
11 b	7995	8003	8005	8007	8011	8026	8030	8043	8055	8074	8077	8087	8080	8069	8050
12 b	8043	8044	8049	8050	8050	8052	8054	8053	8064	8072	8056	8044	8036	8044	8053
13	8056	8064	8051	8051	8050	8066	8072	8075	8087	8098	8095	8093	8099	8099	8085
14	8068	8066	8071	8066	8063	8059	8074	8076	8083	8102	8095	8084	8077	8082	8070
15 b	8051	8057	8058	8062	8067	8074	8082	8083	8083	8096	8101	8121	8110	8108	8088
16	8087	8085	8081	8083	8079	8075	8071	8084	8091	8089	8113	8132	8099	8109	8105
17	8074	8079	8083	8077	8077	8084	8088	8084	8089	8103	8107	8122	8110	8100	8095
18	8072	8079	8081	8081	8074	8075	8082	8083	8092	8110	8125	8127	8123	8119	8107
19	8082	8081	8080	8082	8085	8086	8088	8099	8103	8121	8123	8135	8133	8120	8107
20	8084	8082	8083	8084	8083	8086	8095	8102	8115	8134	8139	8146	8149	8140	8129
21	8090	8090	8089	8089	8090	8102	8112	8118	8119	8122	8134	8132	8134	8134	8133
22	8088	8104	8109	8092	8096	8115	8124	8132	8147	8151	8167	8168	8146	8132	8124
23	8096	8099	8096	8092	8098	8106	8121	8130	8140	8145	8149	8148	8146	8140	8137
24	8099	8097	8097	8096	8094	8100	8105	8115	8142	8159	8167	8170	8162	8148	8120
25	8086	8091	8092	8095	8095	8099	8109	8117	8123	8133	8139	8139	8139	8132	8128
26	8116	8115	8115	8113	8114	8127	8142	8152	8164	8177	8181	8177	8169	8167	8156
27	8083	8080	8076	8073	8073	8077	8064	8065	8077	8097	8107	8109	8109	8108	8102
28	8090	8091	8088	8093	8086	8088	8110	8123	8137	8160	8165	8164	8145	8126	8109
29 a	8091	8093	8092	8092	8091	8094	8101	8117	8131	8147	8149	8153	8142	8129	8115
30 a	8097	8101	8103	8105	8106	8108	8112	8117	8131	8145	8158	8159	8152	8141	8132
Mean	8082	8083	8084	8083	8084	8090	8096	8104	8113	8124	8132	8135	8131	8124	8114
Mean a	8092	8093	8095	8096	8096	8099	8106	8117	8131	8147	8158	8160	8156	8146	8133
Mean b	8055	8054	8055	8057	8059	8070	8076	8085	8091	8093	8098	8105	8102	8094	8085

a Five international quiet days. b Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

MAY, 1918. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8059	8051	8055	8045	8057	8060	8059	8058	8056	8062	9	30	8087	0	55	8037	50	1
8083	8075	8066	8064	8064	8068	8070	8070	8070	8080	11	48	8141	5	00	8044	97	2
8113	8093	8078	8072	8078	8071	8075	8072	8065	8094	10	20	8154	5	00	8060	94	3
8071	8061	8055	8041	8027	8022	8023	8028	8042	8080	10	54	8167	21	20	8019	148	4
8038	8056	8067	8065	8061	8055	8054	8049	8047	8074	11	00	8126	16	10	8036	90	5
8102	8098	8095	8095	8094	8077	8069	8068	8067	8089	11	25	8135	0	01	8047	88	6
8109	8098	8092	8084	8082	7079	8082	8083	8077	8092	11	45	8141	4	00	8064	77	7
8106	8090	8084	8092	8088	8086	8081	8089	8079	8103	12	00	8164	0	01	8077	87	8
8126	8110	8104	8100	8097	8092	8089	8082	8080	8113	12	06	8189	0	30	8072	117	9
8117	8108	8097	8096	8093	8087	8087	8081	8083	8108	12	00	8171	0	25	8077	94	10
8110	8090	8078	8074	8072	8073	8075	8074	8065	8102	11	40	8164	24	00	8065	99	11
8094	8077	8075	8070	8070	8064	8069	8069	8069	8093	12	30	8136	21	00	8064	72	12
8095	8089	8083	8084	8082	8080	8079	8077	8086	8087	12	12	8124	0	38	8067	57	13
8101	8089	8078	8075	8070	8070	8069	8071	8075	8098	11	12	8147	20	30	8063	84	14
8086	8073	8064	8062	8071	8080	8068	8063	8060	8086	13	00	8140	21	21	8058	82	15
8084	8078	8088	8091	8095	8097	8096	8093	8089	8094	11	00	8127	4	45	8054	73	16
7990	7975	7973	7988	7987	7987	7991	8021	8016	8010	2	00	8097	17	45	7961	136	17
8057	8036	8043	8054	8046	8051	8041	8066	8044	8051	11	51	8096	0	12	8014	82	18
8070	8052	8047	8051	8051	8056	8064	8050	8052	8058	11	20	8091	0	36	8040	51	19
8079	8063	8064	8067	8063	8063	8065	8069	8057	8070	11	00	8109	0	20	8047	62	20
8078	8062	8060	8070	8068	8069	8072	8064	8063	8073	11	06	8109	0	15	8051	58	21
8068	8067	8070	8075	8074	8077	8076	8070	8068	8081	11	50	8124	0	01	8062	62	22
8099	8080	8069	8075	8072	8074	8081	8073	8073	8088	11	30	8134	1	00	8067	67	23
8097	8088	8083	8085	8083	8095	8090	8092	8093	8096	11	15	8140	3	00	8070	70	24
8098	8086	8073	8075	8070	8068	8070	8070	8076	8100	11	00	8150	20	50	8066	84	25
8099	8094	8085	8081	8078	8079	8081	8084	8081	8096	11	18	8141	1	00	8074	67	26
8100	8096	8098	8093	8087	8084	8075	8073	8075	8101	11	00	8143	22	15	8070	73	27
8104	8093	8097	8098	8092	8087	8087	8087	8086	8104	11	33	8147	0	01	8075	72	28
8093	8084	8095	8085	8082	8080	8093	8069	8066	8105	10	33	8160	23	30	8062	98	29
8076	8070	8081	8075	8072	8058	8063	8060	8060	8080	11	35	8120	21	00	8058	62	30
8087	8082	8085	8080	8078	8078	8077	8074	8072	8088	10	42	8132	0	01	8060	72	31
8087	8076	8074	8073	8071	8070	8070	8069	8067	8086	----		8135	----		8054	81	----
8108	8098	8093	8090	8086	8084	8082	8082	8078	8101	----		8155	----		8071	84	----
8052	8038	8041	8046	8047	8050	8050	8058	8051	8055	----		8099	----		8021	78	----

JUNE, 1918. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8120	8109	8102	8097	8095	8095	8093	8091	8090	8102	12	30	8145	0	06	8074	71	1
8122	8109	8101	8099	8094	8092	8091	8090	8089	8109	11	20	8152	24	00	8089	63	2
8124	8114	8106	8100	8100	8101	8098	8096	8094	8117	11	40	8174	0	01	8089	85	3
8127	8120	8117	8112	8106	8104	8102	8100	8099	8121	11	00	8170	0	36	8090	80	4
8125	8112	8101	8100	8094	8096	8097	8099	8098	8112	12	27	8150	20	15	8092	58	5
8106	8108	8101	8099	8090	8086	8078	8079	8087	8107	11	06	8133	21	15	8074	59	6
8117	8107	8099	8094	8090	8091	8094	8093	8095	8101	12	24	8125	19	15	8085	40	7
8120	8104	8100	8088	8079	8076	8082	8085	8085	8110	11	33	8163	19	35	8074	89	8
8123	8116	8107	8108	8107	8103	8100	8105	8106	8110	13	10	8139	0	01	8085	54	9
8038	7971	7957	7962	7947	7959	7924	7958	7966	8054	10	24	8200	22	30	7918	282	10
8046	8046	8037	8033	8032	8061	8042	8035	8038	8041	12	00	8087	0	01	7966	121	11
8038	8038	8044	8046	8044	8044	8038	8039	8037	8047	10	06	8075	16	40	8029	46	12
8078	8073	8071	8068	8069	8068	8070	8069	8067	8074	9	18	8105	4	33	8048	57	13
8074	8059	8069	8047	8030	8050	8041	8043	8040	8066	10	33	8105	20	06	8028	77	14
8058	8077	8076	8074	8081	8075	8077	8082	8079	8080	12	00	8121	0	01	8041	80	15
8098	8083	8077	8073	8076	8075	8088	8077	8072	8088	12	03	8133	19	20	8068	65	16
8094	8094	8084	8084	8084	8082	8072	8081	8075	8088	11	54	8124	22	00	8072	52	17
8088	8085	8089	8090	8087	8087	8088	8085	8083	8092	11	27	8130	1	00	8072	58	18
8090	8086	8086	8086	8086	8084	8082	8080	8080	8096	12	00	8135	2	36	8078	57	19
8115	8099	8093	8087	8088	8081	8083	8088	8099	8104	10	24	8152	0	01	8080	72	20
8129	8113	8114	8103	8088	8089	8078	8076	8092	8107	11	15	8135	22	24	8074	61	21
8098	8082	8095	8102	8104	8104	8103	8095	8096	8116	11	36	8171	17	10	8080	91	22
8120	8114	8105	8097	8096	8096	8097	8097	8098	8115	10	21	8160	4	00	8092	68	23
8103	8099	8088	8083	8091	8095	8099	8098	8091	8113	11	39	8172	18	54	8081	91	24
8121	8113	8106	8105	8109	8107	8109	8114	8114	8113	11	06	8142	8	33	8080	62	25
8140	8124	8118	8112	8103	8093	8081	8075	8080	8130	11	45	8188	23	00	8075	113	26
8093	8091	8084	8082	8085	8085	8088	8091	8091	8087	11	42	8117	2	45	8060	57	27
8103	8102	8095	8092	8091	8091	8090	8093	8091	8109	11	45	8168	5	00	8086	82	28
8106	8102	8096	8098	8096	8096	8096	8095	8095	8109	12	00	8153	0	39	8089	64	29
8124	8111	8102	8101	8102	8097	8097	8099	8101	8117	12	00	8159	0	01	8094	65	30
8101	8092	8087	8084	8081	8082	8079	8080	8081	8098	----		8142	----		8065	77	----
8121	8111	8104	8102	8100	8098	8097	8096	8096	8115	----		8161	----		8090	71	----
8061	8050	8044	8045	8042	8048	8036	8044	8045	8066	----		8124	----		8008	116	----

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1918. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8104	8102	8101	8097	8097	8102	8111	8120	8133	8158	8176	8178	8165	8151	8136
2	8076	8080	8074	8083	8089	8099	8110	8138	8157	8177	8178	8175	8166	8159	8152
3	8112	8113	8105	8110	8103	8110	8099	8100	8113	8127	8144	8124	8130	8124	8105
4	8097	8099	8097	8095	8096	8101	8116	8131	8142	8159	8157	8151	8151	8144	8127
5	8096	8101	8104	8102	8102	8118	8128	8147	8158	8168	8166	8162	8159	8146	8128
6	8099	8100	8100	8101	8101	8106	8124	8136	8151	8164	8170	8165	8151	8139	8121
7 [a]	8091	8091	8093	8095	8101	8104	8113	8129	8138	8152	8157	8159	8141	8130	8120
8 [b]	8104	8107	8113	8116	8124	8136	8142	8150	8157	8159	8159	8126	8133	8118	8104
9	8087	8092	8089	8083	8085	8091	8095	8105	8118	8125	8134	8141	8123	8119	8114
10	8088	8088	8089	8078	8087	8089	8090	8093	8112	8115	8134	8133	8138	8130	8118
11 [b]	8101	8106	8103	8099	8091	8094	8089	8086	8101	8120	8134	8143	8113	8104	8095
12	8073	8074	8077	8091	8083	8083	8084	8087	8110	8127	8129	8127	8124	8119	8110
13	8089	8085	8086	8093	8088	8093	8097	8106	8115	8127	8127	8143	8135	8130	8118
14	8082	8080	8091	8089	8089	8094	8111	8114	8123	8132	8145	8163	8152	8141	8131
15	8097	8105	8096	8095	8095	8089	8116	8135	8147	8159	8166	8170	8169	8137	8120
16	8079	8083	8087	8087	8087	8088	8100	8114	8133	8146	8151	8145	8140	8126	8115
17	8091	8096	8106	8099	8095	8100	8108	8120	8133	8147	8158	8155	8150	8140	8127
18	8100	8098	8100	8099	8103	8100	8129	8138	8154	8165	8158	8153	8132	8128	8113
19 [a]	8092	8093	8090	8090	8090	8093	8101	8111	8128	8136	8146	8151	8142	8140	8128
20 [a]	8087	8088	8088	8089	8090	8093	8102	8117	8130	8145	8156	8156	8151	8142	8129
21 [a]	8095	8095	8099	8099	8098	8109	8127	8149	8157	8170	8171	8165	8152	8137	8119
22 [a]	8091	8093	8095	8096	8098	8108	8121	8133	8147	8158	8163	8165	8159	8140	8128
23	8090	8090	8092	8092	8092	8096	8105	8114	8127	8141	8148	8153	8152	8138	8118
24	8092	8093	8095	8104	8104	8104	8110	8120	8140	8142	8145	8150	8141	8125	8110
25 [b]	8095	8095	8090	8092	8091	8097	8111	8120	8122	8128	8160	8163	8162	8154	8092
26	8029	8020	8056	8045	8052	8070	8085	8106	8114	8130	8131	8121	8096	8081	8080
27	8054	8059	8060	8061	8058	8058	8056	8064	8074	8106	8103	8113	8112	8089	8086
28 [b]	8056	8057	8056	8060	8062	8069	8071	8075	8086	8101	8108	8102	8090	8077	8065
29 [b]	8049	8074	8050	8058	8046	8047	8038	8042	8034	8073	8096	8103	8089	8082	8054
30	8050	8051	8032	8043	8038	8038	8051	8060	8077	8090	8108	8096	8103	8087	8035
31								8074	8099	8113	8133	8127	8118	8099	8089
Mean	8085	8087	8087	8088	8088	8093	8101	8111	8124	8137	8146	8144	8137	8125	8109
Mean [a]	8091	8092	8093	8094	8095	8101	8113	8128	8140	8152	8159	8159	8149	8138	8125
Mean [b]	8081	8088	8082	8085	8083	8089	8090	8095	8100	8116	8131	8127	8117	8107	8082

AUGUST, 1918. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [a]	8055	8052	8050	8066	8063	8070	8075	8076	8096	8110	8114	8117	8112	8101	8093
2	8068	8066	8069	8072	8071	8076	8081	8087	8099	8117	8133	8137	8137	8131	8090
3	8060	8062	8060	8067	8059	8059	8055	8047	8047	8055	8066	8059	8059	8064	8070
4	8045	8046	8052	8053	8051	8057	8060	8075	8091	8099	8113	8114	8115	8113	8105
5	8070	8068	8071	8068	8054	8065	8071	8081	8096	8114	8126	8134	8125	8110	8110
6	8047	8058	8053	8056	8060	8064	8068	8088	8105	8117	8108	8111	8106	8110	8094
7	8061	8060	8058	8057	8057	8061	8072	8094	8107	8118	8134	8133	8132	8113	8095
8	8068	8076	8062	8086	8073	8071	8078	8079	8080	8100	8110	8105	8103	8084	8070
9	8059	8063	8067	8066	8067	8066	8089	8098	8108	8124	8115	8120	8115	8091	8067
10	8064	8062	8061	8060	8063	8078	8085	8090	8094	8108	8117	8127	8119	8112	8104
11	8071	8069	8074	8065	8070	8072	8077	8078	8082	8109	8113	8116	8110	8097	8088
11	8060	8063	8063	8059	8055	8055	8063	8071	8078	8100	8109	8108	8100	8078	8073
13	8062	8063	8061	8065	8068	8076	8091	8104	8121	8131	8148	8149	8133	8112	8094
14	8068	8066	8064	8055	8060	8066	8068	8079	8087	8108	8120	8132	8135	8129	8126
15 [b]	8069	8060	8058	8061	8064	8063	8061	8068	8072	8089	8086	8098	8109	8104	8104
16 [b]	8163	8124	8058	8008	8003	8021	8028	8017	8028	8063	8075	8050	8055	8044	8038
17	8011	8013	8015	8018	8017	8026	8042	8051	8064	8085	8087	8091	8076	8074	8069
18 [a]	8046	8046	8044	8050	8049	8052	8060	8070	8092	8099	8110	8104	8096	8084	8069
19 [a]	8053	8055	8057	8061	8061	8063	8064	8072	8081	8099	8105	8104	8103	8102	8099
20	8069	8069	8071	8076	8072	8077	8084	8093	8115	8132	8127	8137	8131	8108	8087
21 [a]	8050	8051	8051	8053	8054	8054	8063	8075	8086	8099	8116	8125	8116	8111	8100
22	8066	8070	8072	8072	8070	8072	8077	8086	8104	8118	8127	8122	8114	8109	8093
23	8075	8069	8064	8069	8070	8068	8078	8097	8112	8136	8144	8152	8132	8125	8112
24	8078	8076	8079	8081	8083	8085	8090	8103	8119	8130	8147	8156	8147	8123	8097
25 [b]	8043	8050	8051	8043	8044	8051	8046	8049	8051	8078	8101	8097	8098	8089	8084
26 [b]	8040	8047	8051	8054	8056	8058	8060	8068	8085	8089	8089	8081	8074	8079	8057
27 [b]	8042	8051	8058	8057	8059	8058	8052	8065	8074	8075	8114	8098	8092	8091	8069
28	8032	8044	8053	8052	8053	8059	8071	8071	8079	8105	8118	8119	8124	8116	8103
29	8060	8059	8060	8058	8061	8066	8074	8093	8113	8133	8135	8138	8139	8133	8118
30 [a]	8066	8069	8070	8070	8072	8076	8087	8095	8099	8124	8139	8129	8118	8112	8103
31	8073	8075	8083	8081	8083	8085	8090	8101	8119	8141	8147	8145	8138	8125	8118
Mean	8061	8061	8060	8060	8059	8064	8070	8078	8090	8107	8116	8116	8112	8102	8090
Mean [a]	8054	8055	8054	8060	8060	8063	8070	8078	8091	8106	8117	8116	8109	8102	8093
Mean [b]	8071	8066	8055	8045	8045	8050	8049	8053	8062	8079	8093	8085	8086	8081	8070

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

JULY, 1918. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8124	8121	8128	8117	8100	8085	8091	8100	8087	8120	11	30	8180	21	00	8085	95	1
8134	8125	8121	8125	8118	8116	8116	8113	8107	8124	11	00	8178	1	15	8072	106	2
8102	8102	8096	8097	8097	8095	8090	8096	8099	8108	11	24	8147	21	42	8088	59	3
8124	8118	8114	8114	8111	8101	8096	8098	8093	8118	10	33	8162	21	45	8091	71	4
8116	8092	8089	8095	8099	8101	8100	8101	8100	8120	10	00	8168	17	24	8087	81	5
8103	8099	8097	8101	8100	8098	8100	8095	8090	8117	11	00	8170	23	42	8088	82	6
8110	8105	8105	8104	8102	8101	8101	8101	8102	8114	11	24	8160	0	01	8090	70	7
8094	8075	8074	8078	8082	8093	8098	8089	8089	8113	9	45	8171	18	00	8074	97	8
8101	8097	8089	8083	8084	8083	8080	8086	8086	8100	11	48	8145	19	18	8070	75	9
8105	8101	8101	8101	8101	8101	8101	8101	8101	8104	11	24	8141	4	00	8078	63	10
8084	8085	8077	8073	8072	8073	8074	8073	8071	8094	12	00	8143	20	18	8069	74	11
8109	8094	8084	8087	8086	8086	8084	8085	8086	8096	11	00	8129	0	01	8071	58	12
8108	8103	8102	8100	8095	8077	8077	8078	8084	8102	12	00	8143	21	30	8068	75	13
8113	8111	8106	8100	8098	8097	8097	8096	8096	8110	11	54	8169	2	00	8080	89	14
8086	8078	8083	8089	8084	8080	8079	8085	8084	8110	11	30	8180	17	30	8075	105	15
8106	8098	8095	8104	8092	8095	8095	8095	8095	8106	10	45	8153	1	00	8079	74	16
8115	8113	8102	8100	8099	8102	8101	8100	8102	8115	11	24	8162	1	00	8091	71	17
8089	8087	8082	8090	8095	8094	8092	8093	8094	8112	10	00	8165	18	20	8080	85	18
8119	8111	8105	8097	8096	8093	8091	8089	8090	8109	12	00	8151	23	00	8089	62	19
8119	8112	8108	8107	8106	8103	8100	8100	8099	8113	11	10	8158	1	00	8087	71	20
8110	8101	8101	8101	8099	8095	8093	8092	8093	8118	10	42	8173	23	00	8092	81	21
8119	8111	8103	8100	8100	8099	8099	8095	8090	8117	12	00	8168	24	00	8090	78	22
8103	8094	8097	8093	8092	8091	8090	8085	8091	8108	11	27	8159	22	40	8083	76	23
8108	8108	8101	8102	8096	8095	8095	8096	8096	8111	11	36	8153	0	01	8091	62	24
8082	8091	8067	8066	8065	8079	8075	8050	8034	8099	12	00	8163	24	00	8034	129	25
8077	8067	8062	8061	8065	8063	8063	8060	8062	8075	10	24	8135	1	21	8016	119	26
8073	8065	8063	8058	8045	8049	8043	8048	8054	8069	12	00	8113	21	40	8041	72	27
8069	8064	8057	8042	8050	8046	8039	8041	8050	8066	11	15	8114	21	54	8037	77	28
8052	8050	8046	8037	8041	8044	8046	8055	8060	8057	11	15	8125	9	00	8034	91	29
8056	8061	8040	8040														30
8078	8061	8066	8064	8059	8053	8048	8053	8055									31
8100	8094	8089	8088	8088	8086	8085	8085	8085	8104			8154			8073	81	
8115	8108	8104	8102	8101	8098	8097	8095	8095	8114			8162			8090	72	
8076	8073	8064	8059	8062	8067	8066	8062	8061	8086			8143			8049	94	

AUGUST, 1918. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8082	8074	8072	8069	8065	8060	8068	8069	8071	8078	12	00	8117	3	00	8050	67	1
8062	8064	8066	8071	8065	8068	8066	8065	8065	8084	11	18	8140	16	36	8060	80	2
8065	8061	8057	8047	8055	8056	8054	8045	8040	8057	10	40	8075	24	00	8040	35	3
8099	8091	8074	8070	8065	8058	8064	8067	8071	8077	11	27	8117	0	01	8040	77	4
8099	8095	8086	8079	8065	8048	8051	8057	8053	8083	11	57	8136	21	12	8045	91	5
8086	8057	8062	8065	8063	8053	8067	8060	8062	8076	10	00	8117	1	06	8046	71	6
8079	8079	8074	8066	8059	8064	8063	8068	8067	8082	11	27	8136	4	20	8055	81	7
8060	8064	8064	8071	8058	8054	8062	8067	8075	8076	11	15	8120	21	00	8054	66	8
8060	8063	8063	8064	8064	8065	8060	8057	8067	8078	10	39	8127	23	00	8057	70	9
8102	8088	8087	8087	8083	8080	8079	8078	8074	8088	12	00	8127	4	00	8060	67	10
8071	8059	8065	8064	8060	8055	8041	8058	8059	8076	10	50	8118	21	36	8037	81	11
8077	8072	8070	8063	8068	8064	8068	8066	8066	8073	11	18	8112	5	18	8053	59	12
8084	8072	8070	8071	8074	8086	8068	8066	8066	8089	12	00	8149	3	00	8061	88	13
8114	8090	8069	8071	8058	8062	8058	8063	8060	8084	12	12	8138	4	06	8053	85	14
8094	8086	8083	8081	8079	8077	8076	8074	8132	8081	23	48	8164	3	00	8058	106	15
8040	7995	7959	7956	7967	8001	7992	8002	8004	8029	1	15	8181	18	45	7946	235	16
8064	8060	8057	8047	8044	8042	8042	8042	8045	8049	11	54	8101	0	01	8005	96	17
8063	8058	8059	8058	8056	8055	8053	8055	8053	8066	11	00	8110	3	00	8044	66	18
8088	8084	8076	8070	8069	8067	8065	8065	8066	8076	11	20	8106	0	30	8052	54	19
8076	8072	8061	8057	8052	8044	8035	8047	8049	8081	11	45	8147	21	50	8030	117	20
8088	8079	8073	8070	8067	8068	8069	8070	8070	8077	12	00	8125	0	01	8049	76	21
8088	8082	8076	8072	8067	8071	8075	8080	8081	8086	11	45	8130	1	00	8066	64	22
8101	8085	8077	8076	8075	8070	8074	8073	8072	8092	12	00	8152	3	10	8062	90	23
8078	8056	8054	8056	8058	8045	8046	8053	8060	8088	12	00	8156	21	50	8040	116	24
8040	8027	8033	8010	8008	8027	8016	8024	8037	8050	11	00	8101	19	39	7990	111	25
8055	8060	8051	8062	8055	8051	8045	8037	8053	8061	10	30	8104	23	06	8035	69	26
8051	8041	8032	8043	8015	8058	8029	8023	8028	8057	11	00	8114	20	20	8005	109	27
8083	8075	8064	8063	8059	8053	8048	8053	8051	8073	12	09	8126	0	01	8028	98	28
8098	8084	8075	8070	8069	8069	8068	8068	8073	8088	10	15	8143	0	01	8051	92	29
8092	8085	8081	8079	8082	8084	8086	8081	8076	8091	11	00	8139	1	00	8066	73	30
8106	8085	8085	8088	8093	8089	8088	8086	8072	8100	11	45	8150	24	00	8072	78	31
8079	8069	8064	8062	8059	8059	8057	8059	8062	8076			8128			8042	86	
8083	8076	8072	8069	8068	8067	8068	8068	8067	8078			8119			8052	67	
8056	8042	8032	8030	8025	8043	8032	8032	8051	8056			8133			8007	126	

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1918. 30000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	8071	8085	8100	8078	8076	8074	8083	8099	8097	8095	8105	8104	8095	8094	8097
2	8046	8048	8055	8053	8043	8052	8060	8067	8093	8105	8120	8121	8116	8106	8089
3	8079	8081	8078	8075	8080	8087	8100	8106	8118	8135	8143	8132	8106	8076	8062
4	8069	8064	8076	8071	8073	8077	8084	8103	8095	8116	8109	8112	8102	8082	8092
5	8066	8067	8074	8068	8071	8070	8081	8099	8087	8102	8110	8109	8109	8108	8098
6	8076	8078	8084	8080	8078	8082	8080	8078	8096	8108	8110	8101	8110	8113	8111
7	8072	8074	8072	8069	8070	8071	8067	8077	8094	8108	8123	8105	8113	8109	8104
8	8085	8084	8091	8091	8088	8090	8084	8081	8085	8087	8122	8130	8090	8099	8099
9	8077	8073	8081	8075	8074	8077	8083	8100	8111	8119	8125	8133	8121	8119	8103
10	8090	8095	8088	8092	8088	8095	8088	8097	8109	8135	8152	8153	8147	8137	8122
11 [a]	8099	8100	8107	8108	8102	8100	8109	8115	8133	8147	8158	8154	8149	8143	8133
12 [a]	8095	8096	8098	8104	8106	8104	8095	8107	8112	8123	8130	8139	8136	8135	8121
13	8110	8115	8117	8119	8122	8122	8125	8132	8145	8155	8170	8178	8152	8139	8126
14	8077	8082	8091	8093	8100	8103	8106	8122	8139	8165	8171	8163	8152	8146	8132
15 [a]	8083	8085	8097	8100	8101	8104	8110	8120	8131	8140	8153	8150	8147	8144	8136
16	8098	8101	8103	8106	8108	8111	8116	8131	8152	8169	8166	8139	8129	8130	8124
17	8079	8084	8088	8093	8080	8095	8085	8097	8096	8120	8139	8128	8115	8126	8113
18 [b]	8051	8073	8084	8088	8083	8077	8080	8091	8108	8129	8140	8144	8124	8087	8043
19 [b]	8078	8084	8089	8085	8094	8088	8086	8087	8091	8114	8124	8077	8078	8066	8066
20 [b]	8059	8077	8071	8078	8088	8087	8082	8094	8079	8106	8100	8087	8083	8071	8075
21 [b]	8078	8083	8089	8088	8087	8081	8083	8089	8095	8114	8137	8131	8180	8142	8103
22	8001	8013	8022	8027	8040	8053	8060	8065	8080	8110	8121	8114	8101	8086	8080
23	8069	8083	8073	8072	8085	8082	8083	8097	8103	8116	8122	8109	8096	8092	8099
24	8071	8077	8082	8086	8094	8098	8100	8104	8114	8132	8149	8148	8152	8144	8129
25 [a]	8074	8085	8082	8097	8098	8097	8095	8104	8121	8144	8153	8155	8149	8131	8109
26 [a]	8092	8094	8096	8101	8098	8097	8086	8094	8112	8140	8155	8156	8149	8140	8130
27	8103	8119	8117	8116	8116	8118	8112	8119	8138	8152	8162	8157	8148	8142	8137
28	8090	8099	8106	8107	8112	8118	8128	8137	8160	8166	8181	8178	8183	8159	8156
29	8075	8095	8107	8103	8110	8117	8135	8161	8165	8185	8194	8196	8179	8162	8150
30	8106	8115	8098	8113	8118	8110	8121	8134	8132	8134	8160	8144	8143	8140	8128
Mean	8077	8084	8087	8088	8089	8091	8094	8104	8113	8129	8140	8135	8128	8119	8109
Mean [a]	8089	8092	8096	8102	8101	8100	8099	8108	8122	8139	8150	8151	8146	8139	8126
Mean [b]	8067	8080	8087	8083	8086	8081	8083	8092	8094	8112	8121	8109	8112	8092	8077

OCTOBER, 1918. 30000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8126	8112	8111	8118	8119	8124	8125	8142	8157	8161	8148	8152	8152	8149	8142
2 [b]	8114	8115	8115	8129	8122	8113	8105	8111	8134	8152	8178	8173	8155	8148	8132
3	8128	8127	8123	8124	8126	8130	8131	8141	8149	8174	8184	8183	8144	8142	8142
4	8111	8128	8115	8117	8114	8122	8116	8138	8143	8175	8189	8181	8146	8153	8139
5	8122	8115	8117	8122	8121	8117	8126	8138	8157	8178	8193	8191	8188	8172	8151
6	8125	8129	8138	8136	8129	8124	8122	8132	8142	8153	8165	8165	8166	8153	8153
7	8136	8132	8131	8131	8133	8130	8141	8157	8173	8197	8213	8216	8205	8183	8159
8 [b]	8142	8139	8134	8135	8145	8147	8143	8154	8172	8193	8214	8221	8210	8190	8158
9	8062	8063	8111	8074	8069	8097	8098	8091	8106	8115	8130	8133	8114	8108	8120
10	8107	8106	8105	8108	8111	8114	8113	8115	8119	8144	8169	8166	8165	8153	8142
11 [a]	8116	8118	8118	8128	8130	8127	8132	8147	8165	8192	8205	8203	8194	8173	8155
12 [a]	8125	8124	8127	8125	8127	8131	8137	8153	8176	8201	8212	8213	8203	8181	8164
13 [a]	8120	8122	8126	8129	8127	8132	8144	8167	8186	8207	8220	8222	8212	8198	8178
14 [a]	8131	8130	8136	8135	8137	8136	8141	8159	8176	8202	8218	8219	8205	8190	8172
15	8138	8139	8139	8140	8151	8155	8165	8185	8205	8239	8259	8254	8220	8178	8169
16 [b]	8085	8098	8115	8110	8118	8126	8140	8168	8177	8190	8213	8154	8089	8040	8018
17 [b]	7980	7994	8012	8018	8124	8139	8160	8182	8212	8220	8227	8214	8186	8161	8154
18	8060	8059	8061	8070	8068	8066	8071	8085	8101	8127	8143	8146	8138	8108	8090
19	8078	8086	8080	8084	8073	8078	8081	8084	8107	8122	8147	8141	8126	8120	8102
20	8092	8094	8092	8094	8100	8087	8097	8098	8105	8131	8158	8156	8150	8139	8122
21	8081	8083	8089	8090	8088	8092	8102	8115	8129	8143	8169	8171	8163	8152	8139
22	8091	8090	8091	8089	8094	8095	8105	8117	8130	8158	8173	8159	8149	8142	8124
23	8100	8099	8101	8098	8095	8094	8103	8121	8138	8161	8179	8181	8158	8148	8139
24	8091	8086	8090	8096	8095	8109	8114	8126	8135	8156	8164	8160	8142	8133	8128
25	8103	8107	8113	8105	8104	8105	8117	8129	8156	8168	8179	8178	8166	8157	8141
26	8102	8107	8109	8111	8107	8114	8115	8123	8138	8160	8173	8173	8163	8153	8141
27 [a]	8108	8112	8112	8114	8118	8117	8114	8129	8144	8166	8188	8183	8177	8162	8149
28	8121	8123	8124	8125	8127	8124	8129	8143	8158	8176	8186	8180	8176	8168	8155
29	8110	8103	8109	8112	8112	8120	8117	8132	8149	8156	8178	8167	8156	8147	8136
30	8117	8117	8113	8113	8114	8119	8120	8130	8144	8164	8177	8180	8173	8162	8154
31 [b]	8122	8125	8125	8129	8128	8124	8122	8153	8177	8195	8214	8185	8149	8138	8112
Mean	8105	8106	8109	8110	8114	8116	8121	8134	8150	8170	8186	8181	8166	8152	8138
Mean [a]	8120	8121	8124	8126	8128	8129	8134	8151	8169	8194	8209	8208	8198	8181	8164
Mean [b]	8089	8094	8100	8104	8127	8130	8134	8154	8174	8190	8209	8189	8158	8135	8115

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

SEPTEMBER, 1918. 80000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8059	8055	8056	8041	8039	8051	8036	8062	8043	8075	11	00	8105	19	33	8030	75	1
8059	8070	8074	8079	8081	8076	8076	8075	8073	8077	11	06	8123	4	27	8041	82	2
8065	8055	8053	8058	8072	8064	8069	8064	8082	8085	11	00	8143	17	18	8043	100	3
8076	8083	8075	8047	8027	8057	8061	8063	8065	8078	10	09	8120	19	57	8023	97	4
8089	8065	8070	8062	8071	8073	8071	8101	8083	8084	10	15	8115	19	10	8058	57	5
8094	8087	8087	8079	8077	8076	8068	8074	8074	8088	13	33	8115	22	00	8068	47	6
8095	8084	8084	8076	8077	8074	8072	8077	8083	8085	10	54	8126	6	30	8063	63	7
8083	8061	8059	8068	8075	8074	8076	8076	8077	8086	11	36	8143	16	54	8057	86	8
8105	8105	8105	8098	8095	8090	8090	8091	8091	8098	12	00	8133	1	40	8070	63	9
8115	8113	8108	8102	8100	8096	8097	8098	8101	8109	11	15	8155	3	10	8085	70	10
8121	8111	8108	8107	8098	8099	8095	8093	8095	8116	11	00	8158	23	20	8090	68	11
8118	8112	8112	8108	8107	8107	8107	8107	8108	8112	12	00	8139	0	50	8094	45	12
8113	8109	8100	8091	8087	8067	8059	8068	8078	8117	12	00	8178	22	18	8040	138	13
8128	8110	8093	8074	8068	8070	8068	8066	8074	8108	10	48	8173	20	24	8062	111	14
8121	8110	8102	8096	8102	8102	8102	8100	8096	8114	11	00	8153	0	01	8074	79	15
8121	8112	8113	8112	8108	8108	8104	8101	8087	8119	10	00	8169	24	00	8087	82	16
8111	8109	8097	8070	8040	8065	8047	8067	8058	8092	11	06	8141	20	06	8038	103	17
8028	8036	8051	8066	8059	8075	8070	8071	8072	8080	11	36	8180	15	54	8026	154	18
8049	8032	8003	8037	8064	8038	8030	8048	8063	8070	10	50	8128	17	56	8001	127	19
8055	8067	8055	8050	8064	8063	8070	8071	8090	8076	10	20	8126	19	24	8046	80	20
8024	8015	8006	7944	7906	7974	7937	7952	7995	8056	13	06	8182	20	09	7904	278	21
8082	8084	8076	8072	8071	8065	8071	8065	8069	8068	11	00	8121	0	01	7995	126	22
8100	8097	8094	8092	8091	8087	8086	8086	8081	8091	10	48	8126	1	40	8066	60	23
8105	8111	8096	8088	8077	8083	8090	8085	8087	8104	12	42	8154	1	00	8071	83	24
8110	8106	8107	8104	8100	8100	8102	8096	8093	8109	10	57	8156	0	40	8072	84	25
8126	8126	8119	8115	8111	8103	8104	8108	8110	8115	11	10	8158	7	00	8086	72	26
8125	8115	8112	8102	8100	8092	8084	8082	8106	8120	10	27	8168	23	20	8076	92	27
8149	8128	8130	8124	8137	8076	8071	8077	8084	8127	11	21	8184	22	00	8071	113	28
8139	8114	8113	8117	8117	8110	8111	8110	8105	8132	11	54	8198	0	33	8073	125	29
8110	8113	8120	8121	8113	8100	8114	8115	8122	8122	11	33	8164	3	00	8098	66	30
8096	8090	8086	8080	8078	8077	8075	8078	8082	8097	.....		8148	.....		8054	94	.....
8119	8113	8110	8106	8104	8102	8102	8101	8100	8113	.....		8153	.....		8083	70	.....
8043	8041	8034	8028	8026	8040	8029	8041	8053	8071	.....		8144	.....		8001	143	.....

OCTOBER, 1918. 80000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8125	8096	8109	8107	8122	8118	8115	8112	8120	8128	10	00	8161	17	21	8094	67	1
8134	8126	8122	8105	8113	8111	8125	8128	8117	8128	11	05	8179	7	32	8098	81	2
8128	8111	8122	8125	8130	8132	8123	8136	8120	8136	11	34	8187	16	48	8108	79	3
8117	8116	8115	8120	8114	8113	8110	8108	8132	8130	11	22	8200	21	36	8106	94	4
8132	8133	8132	8128	8126	8128	8133	8136	8136	8141	10	46	8196	2	00	8115	81	5
8145	8140	8142	8139	8133	8133	8130	8131	8131	8140	11	54	8170	7	30	8111	59	6
8154	8145	8135	8132	8131	8139	8129	8126	8136	8153	12	00	8216	23	00	8126	90	7
8149	8120	8123	8128	8110	8103	8116	8094	8083	8147	11	45	8223	24	00	8083	140	8
8125	8115	8102	8079	8090	8098	8097	8093	8103	8100	11	31	8137	1	40	8053	84	9
8129	8126	8117	8119	8125	8123	8115	8115	8116	8126	11	34	8175	0	27	8102	73	10
8142	8138	8135	8128	8127	8127	8124	8125	8124	8145	11	00	8205	1	00	8116	89	11
8142	8142	8143	8140	8135	8132	8129	8124	8125	8150	11	47	8215	23	36	8123	92	12
8163	8153	8149	8145	8142	8137	8135	8133	8133	8158	11	30	8223	1	00	8120	103	13
8161	8156	8151	8149	8146	8141	8140	8148	8139	8159	11	32	8221	2	00	8130	91	14
8151	8136	8133	8112	8079	8065	8085	8095	8083	8153	11	00	8259	21	00	8065	194	15
8001	7948	7883	7941	7947	7924	7886	7995	7980	8056	10	51	8217	18	00	7883	334	16
8146	8149	8146	8154	8155	8140	8189	8166	8171	8142	11	00	8227	0	40	7969	258	17
8088	8083	8066	8070	8081	8065	8089	8074	8080	8087	11	15	8147	18	36	8055	92	18
8098	8096	8097	8102	8104	8105	8080	8143	8080	8101	10	48	8148	5	15	8071	77	19
8087	8046	8041	8077	8076	8074	8075	8082	8088	8098	11	21	8171	18	00	8041	130	20
8117	8114	8110	8104	8104	8098	8103	8100	8092	8114	12	00	8171	1	00	8081	90	21
8108	8106	8098	8094	8102	8099	8097	8094	8106	8113	11	25	8178	3	46	8087	91	22
8126	8119	8105	8092	8082	8074	8072	8076	8079	8114	11	40	8188	21	27	8070	118	23
8117	8101	8084	8077	8069	8121	8107	8102	8104	8113	11	25	8166	20	00	8069	97	24
8137	8136	8118	8114	8098	8098	8108	8082	8094	8126	11	00	8179	23	00	8082	97	25
8128	8124	8125	8123	8122	8116	8113	8109	8111	8128	11	36	8176	0	01	8094	82	26
8140	8138	8135	8133	8129	8126	8120	8118	8122	8136	11	00	8188	1	38	8106	82	27
8148	8144	8140	8136	8100	8115	8107	8098	8077	8137	11	00	8186	23	53	8072	114	28
8127	8126	8124	8123	8117	8116	8114	8115	8116	8128	10	50	8180	0	01	8077	103	29
8136	8133	8130	8128	8124	8120	8116	8118	8119	8134	11	40	8183	2	45	8111	72	30
8058	8020	8021	8056	8045	8044	8047	8072	8073	8110	11	16	8231	17	29	8013	218	31
8124	8114	8108	8109	8106	8104	8104	8108	8106	8127	.....		8190	.....		8078	112	.....
8150	8145	8143	8139	8136	8133	8130	8130	8129	8150	.....		8210	.....		8119	91	.....
8098	8073	8059	8077	8074	8064	8073	8091	8085	8117	.....		8215	.....		8009	206	.....

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1918. 30000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	8076	8082	8090	8096	8096	8098	8100	8122	8129	8141	8148	8149	8142	8136	8125
2	8112	8107	8109	8102	8108	8113	8117	8131	8152	8173	8174	8173	8166	8155	8138
3	8123	8116	8119	8118	8119	8121	8121	8131	8143	8162	8165	8162	8161	8151	8135
4	8112	8112	8115	8114	8120	8121	8131	8147	8161	8185	8196	8182	8167	8156	8148
5 [a]	8126	8130	8134	8129	8124	8122	8125	8134	8144	8161	8177	8177	8165	8151	8144
6 [a]	8132	8132	8134	8136	8126	8120	8136	8148	8159	8178	8184	8182	8172	8161	8150
7 [a]	8129	8128	8129	8130	8131	8131	8141	8152	8174	8197	8210	8201	8190	8179	8171
8	8134	8133	8132	8130	8133	8132	8138	8142	8163	8180	8191	8187	8178	8169	8164
9	8125	8128	8128	8131	8131	8131	8132	8134	8148	8172	8185	8189	8190	8181	8167
10	8125	8128	8130	8132	8132	8127	8129	8134	8142	8159	8170	8174	8163	8158	8156
11 [b]	8093	8104	8112	8114	8118	8105	8110	8113	8159	8143	8155	8167	8129	8112	8103
12 [b]	8114	8094	8107	8117	8107	8097	8092	8105	8123	8113	8130	8131	8104	8091	8081
13	8079	8115	8102	8104	8087	8092	8091	8101	8105	8120	8140	8119	8128	8125	8090
14	8115	8122	8106	8098	8097	8087	8097	8100	8127	8124	8133	8147	8152	8137	8126
15 [b]	8096	8117	8127	8112	8106	8091	8091	8098	8096	8115	8122	8153	8127	8097	8088
16	8140	8100	8093	8092	8091	8097	8096	8099	8104	8130	8127	8134	8120	8125	8108
17	8089	8104	8098	8100	8090	8097	8107	8114	8126	8142	8156	8158	8157	8142	8123
18	8091	8091	8095	8091	8097	8097	8103	8115	8128	8143	8152	8150	8150	8141	8117
19	8092	8094	8099	8101	8103	8105	8111	8128	8136	8157	8158	8159	8153	8148	8140
20	8094	8102	8103	8113	8112	8109	8112	8118	8128	8139	8160	8163	8160	8153	8144
21	8131	8125	8129	8130	8129	8129	8140	8155	8178	8193	8200	8203	8205	8172	8159
22	8107	8102	8106	8113	8114	8117	8133	8152	8170	8195	8194	8180	8167	8152	8154
23 [b]	8123	8122	8119	8123	8119	8130	8131	8144	8157	8165	8163	8163	8119	8100	8075
24	8007	8037	8034	8045	8048	8056	8075	8104	8112	8120	8122	8111	8108	8101	8102
25	8070	8077	8091	8078	8075	8080	8087	8096	8105	8118	8128	8131	8129	8117	8116
26 [a]	8105	8101	8101	8099	8097	8098	8106	8123	8135	8150	8158	8160	8157	8145	8135
27 [a]	8105	8107	8109	8112	8114	8120	8120	8134	8142	8158	8164	8163	8157	8143	8130
28	8115	8114	8117	8116	8119	8121	8128	8140	8151	8161	8161	8159	8159	8157	8154
29 [b]	8121	8121	8120	8125	8120	8117	8132	8142	8160	8170	8175	8171	8167	8156	8149
30	8137	8151	8104	8070	8068	8107	8128	8095	8080	8070	8107	8117	8125	8116	8108
Mean	8107	8110	8110	8109	8108	8109	8115	8125	8138	8151	8160	8160	8152	8141	8130
Mean [a]	8119	8120	8121	8121	8118	8118	8126	8138	8151	8169	8179	8177	8168	8156	8146
Mean [b]	8109	8112	8117	8118	8114	8108	8111	8120	8139	8141	8149	8157	8129	8111	8099

DECEMBER, 1918. 8000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	8056	8072	8078	8076	8081	8087	8099	8110	8114	8121	8129	8133	8128	8118	8115
2	8052	8051	8092	8072	8107	8089	8082	8091	8100	8106	8126	8117	8117	8116	8115
3	8102	8101	8101	8101	8102	8104	8118	8129	8145	8157	8159	8153	8144	8136	8128
4	8082	8084	8087	8090	8094	8095	8104	8104	8118	8129	8141	8140	8128	8120	8120
5 [a]	8091	8099	8099	8099	8099	8100	8104	8113	8118	8134	8140	8141	8130	8129	8122
6 [a]	8120	8122	8125	8126	8127	8129	8133	8139	8150	8162	8167	8165	8155	8144	8143
7	8128	8127	8129	8128	8129	8130	8134	8141	8156	8166	8178	8180	8184	8171	8161
8 [b]	8115	8106	8130	8119	8089	8091	8082	8078	8087	8086	8107	8115	8118	8103	8085
9 [b]	8037	8034	8031	8034	8045	8057	8076	8090	8098	8109	8107	8095	8083	8087	8083
10	8062	8074	8087	8096	8091	8087	8088	8092	8099	8117	8125	8124	8114	8099	8079
11	8088	8085	8080	8083	8089	8077	8080	8089	8099	8107	8130	8135	8118	8106	8102
12	8099	8091	8106	8119	8107	8091	8095	8098	8102	8111	8123	8134	8128	8114	8110
13	8104	8105	8110	8103	8113	8116	8106	8106	8115	8135	8147	8144	8119	8110	8119
14	8124	8105	8104	8099	8111	8103	8094	8105	8114	8130	8151	8142	8143	8142	8133
15	8092	8097	8103	8104	8106	8104	8111	8124	8130	8139	8144	8144	8151	8144	8126
16	8096	8098	8103	8104	8108	8110	8114	8124	8140	8148	8148	8150	8145	8139	8133
17	8092	8092	8097	8096	8103	8107	8111	8128	8146	8168	8175	8144	8140	8131	8119
18	8114	8117	8119	8117	8115	8113	8119	8134	8151	8170	8176	8166	8157	8144	8129
19	8122	8113	8109	8117	8114	8117	8133	8151	8160	8161	8170	8155	8135	8117	8104
20	8070	8083	8076	8088	8105	8111	8091	8103	8125	8136	8136	8144	8140	8135	8130
21	8088	8078	8085	8104	8093	8103	8083	8107	8116	8130	8136	8130	8124	8101	8098
22	8082	8100	8109	8102	8101	8097	8111	8126	8138	8166	8167	8167	8151	8138	8126
23	8104	8103	8105	8105	8114	8111	8116	8117	8130	8135	8147	8157	8149	8123	8118
24	8105	8091	8089	8091	8097	8095	8097	8116	8136	8154	8161	8162	8154	8142	8133
25 [b]	8109	8125	8120	8124	8124	8121	8127	8127	8140	8154	8161	8197	8170	8156	8134
26 [b]	7977	7959	7979	7988	8046	8019	8024	8060	8070	8091	8070	8060	8053	8046	8022
27	8081	8091	8082	8082	8085	8094	8049	8048	8053	8061	8065	8061	8056	8051	8056
28 [a]	8072	8077	8077	8080	8081	8083	8084	8091	8099	8121	8133	8124	8117	8114	8113
29 [a]	8092	8091	8098	8099	8099	8100	8104	8104	8113	8121	8132	8132	8130	8130	8122
30 [a]	8091	8095	8096	8101	8104	8112	8117	8117	8124	8145	8164	8162	8157	8147	8143
31	8119	8122	8123	8121	8126	8124	8126	8136	8153	8162	8180	8173	8170	8161	8160
Mean	8089	8090	8094	8096	8100	8099	8100	8110	8121	8133	8142	8140	8133	8123	8116
Mean [a]	8093	8097	8099	8101	8102	8105	8108	8113	8121	8137	8147	8145	8138	8133	8129
Mean [b]	8059	8059	8068	8068	8077	8075	8082	8093	8102	8112	8115	8120	8110	8102	8088

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF HORIZONTAL INTENSITY.

NOVEMBER, 1918. 30000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8122	8114	8110	8111	8106	8100	8098	8104	8110	8113	11	36	8152	0	01	8073	79	1
8112	8111	8116	8121	8113	8109	8118	8114	8124	8128	11	42	8178	4	00	8102	76	2
8127	8128	8120	8121	8121	8122	8120	8122	8118	8131	11	00	8165	2	00	8116	49	3
8143	8144	8142	8139	8133	8134	8133	8132	8129	8142	10	50	8198	1	48	8111	87	4
8138	8141	8144	8145	8142	8138	8134	8130	8131	8141	11	33	8180	6	15	8112	68	5
8146	8147	8148	8143	8140	8136	8129	8120	8128	8145	11	24	8186	6	10	8119	67	6
8168	8156	8146	8135	8134	8129	8135	8135	8136	8153	11	00	8210	20	57	8127	83	7
8159	8153	8150	8146	8138	8136	8121	8116	8120	8148	11	00	8191	23	00	8116	75	8
8158	8157	8156	8151	8137	8133	8132	8131	8134	8148	11	50	8191	0	01	8120	71	9
8158	8158	8145	8134	8120	8114	8121	8123	8118	8140	11	10	8175	20	27	8102	73	10
8079	8083	8066	8092	8091	8089	8098	8084	8100	8109	11	33	8180	18	06	8064	116	11
8075	8065	8056	8067	8041	8057	8077	8079	8075	8092	12	20	8154	20	00	8041	113	12
8087	8078	8097	8099	8085	8109	8099	8094	8118	8103	11	00	8140	16	50	8072	68	13
8128	8108	8095	8078	8082	8089	8095	8099	8096	8110	13	00	8152	17	30	8076	76	14
8093	8094	8093	8092	8088	8088	8107	8095	8088	8103	12	00	8153	20	18	8086	67	15
8094	8100	8078	8093	8084	8076	8071	8096	8091	8102	1	10	8144	21	06	8067	77	16
8112	8104	8097	8089	8084	8095	8077	8104	8090	8111	12	18	8160	22	20	8074	86	17
8114	8109	8105	8101	8091	8089	8108	8095	8091	8111	11	03	8153	20	15	8087	66	18
8133	8127	8124	8117	8106	8100	8097	8098	8089	8120	11	36	8161	21	40	8087	74	19
8150	8121	8127	8131	8128	8121	8120	8121	8121	8127	11	38	8173	0	01	8089	84	20
8138	8128	8126	8107	8096	8094	8092	8095	8101	8140	12	18	8211	22	00	8092	119	21
8153	8151	8131	8125	8123	8118	8116	8115	8118	8138	10	15	8204	0	01	8101	103	22
8059	8024	7989	7952	7981	7971	7976	8004	7998	8079	10	10	8169	18	54	7950	219	23
8103	8084	8077	8076	8062	8051	8049	8070	8074	8076	10	51	8125	0	12	7980	145	24
8109	8108	8100	8103	8100	8097	8100	8104	8102	8101	10	30	8134	1	00	8070	64	25
8127	8122	8120	8111	8115	8108	8107	8109	8107	8121	11	18	8162	0	33	8095	67	26
8122	8118	8115	8115	8114	8109	8113	8115	8117	8126	10	42	8166	1	00	8105	61	27
8154	8147	8137	8124	8114	8133	8108	8121	8118	8134	10	24	8164	22	09	8107	57	28
8140	8149	8149	8154	8147	8151	8158	8157	8158	8146	10	50	8177	0	20	8117	60	29
8101	8094	8089	8082	8083	8076	8068	8063	8072	8096	0	26	8160	22	33	8050	110	30
8123	8117	8112	8108	8103	8102	8103	8105	8106	8121	---	---	8169	---	---	8084	85	---
8140	8137	8135	8130	8129	8124	8124	8122	8124	8137	---	---	8181	---	---	8112	69	---
8089	8083	8071	8071	8070	8071	8083	8084	8084	8106	---	---	8167	---	---	8052	115	---

DECEMBER, 1918. 30000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
8104	8098	8105	8104	8089	8076	8078	8058	8046	8095	11	33	8135	2	40	8046	89	1
8106	8101	8104	8103	8105	8102	8103	8099	8100	8098	10	45	8130	0	01	8046	84	2
8083	8067	8037	8040	8017	8036	8051	8061	8073	8098	10	24	8161	20	12	8014	147	3
8118	8113	8096	8091	8089	8098	8089	8098	8105	8106	11	52	8143	0	01	8073	70	4
8123	8122	8120	8118	8118	8118	8118	8118	8118	8116	10	10	8143	1	00	8091	52	5
8139	8137	8134	8134	8131	8130	8130	8129	8129	8138	11	00	8167	0	01	8118	49	6
8153	8152	8157	8155	8138	8117	8121	8112	8115	8144	12	15	8196	21	06	8110	86	7
8024	8010	8026	7963	7976	7966	8034	7971	8003	8062	12	20	8146	19	24	7940	206	8
8078	8089	8069	8038	8059	8046	8072	8068	8069	8069	11	10	8118	0	01	8003	115	9
8092	8066	8081	8067	8113	8067	8080	8073	8090	8090	10	30	8152	1	20	8059	93	10
8097	8104	8102	8093	8099	8098	8095	8121	8104	8099	12	00	8135	6	00	8077	58	11
8113	8112	8111	8113	8110	8104	8105	8105	8100	8108	11	09	8135	6	20	8090	45	12
8115	8113	8113	8109	8106	8109	8112	8104	8103	8114	11	00	8147	0	01	8100	47	13
8114	8098	8093	8096	8099	8104	8093	8089	8083	8111	11	03	8152	17	42	8082	70	14
8117	8111	8106	8101	8098	8099	8094	8095	8095	8114	11	00	8151	0	01	8083	68	15
8126	8122	8123	8122	8124	8113	8113	8099	8096	8121	12	00	8150	22	54	8094	56	16
8108	8096	8098	8101	8100	8097	8095	8095	8113	8115	11	03	8177	22	18	8090	87	17
8138	8129	8125	8142	8144	8135	8136	8130	8130	8135	11	00	8176	1	36	8111	65	18
8104	8084	8063	8046	8037	8037	8074	8064	8080	8107	9	51	8181	19	33	8033	148	19
8127	8132	8116	8100	8102	8099	8097	8082	8097	8109	10	42	8150	0	50	8058	92	20
8097	8098	8097	8100	8087	8095	8093	8096	8092	8101	10	48	8148	1	45	8072	76	21
8118	8123	8128	8124	8118	8115	8109	8109	8108	8122	11	20	8170	1	00	8082	88	22
8108	8112	8122	8097	8087	8090	8091	8091	8096	8114	12	00	8157	19	45	8084	73	23
8131	8126	8127	8116	8128	8114	8114	8108	8107	8121	11	33	8164	2	42	8086	78	24
8144	8144	8137	8130	8126	8080	8053	8055	8028	8124	12	00	8197	23	30	7998	199	25
8035	8039	8039	8037	8048	8084	8064	8069	8073	8040	10	00	8091	2	29	7956	135	26
8061	8071	8073	8073	8073	8073	8071	8074	8072	8069	5	57	8096	8	00	8048	48	27
8110	8109	8102	8102	8094	8090	8091	8092	8094	8098	11	00	8133	0	15	8071	62	28
8117	8110	8101	8095	8090	8082	8083	8084	8089	8105	11	15	8133	21	00	8082	51	29
8135	8131	8128	8122	8117	8117	8117	8117	8118	8124	11	09	8166	0	01	8089	77	30
8156	8149	8142	8141	8120	8090	8088	8101	8106	8135	11	00	8180	22	12	8086	94	31
8109	8105	8102	8096	8095	8090	8092	8089	8091	8107	---	---	8151	---	---	8064	87	---
8125	8122	8117	8114	8110	8107	8108	8108	8110	8116	---	---	8148	---	---	8090	58	---
8077	8076	8075	8054	8060	8050	8060	8044	8044	8078	---	---	8137	---	---	7988	149	---

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1918. **10000 γ plus tabular quantities.**

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	996	997	998	999	999	1001	1003	1002	998	994	986	981	981	984	989
2	1000	1000	999	999	998	997	997	996	995	993	991	990	988	989	991
3	1002	1001	1000	1000	999	998	997	996	993				987	989	994
4								1006	1002	997	1007	988	988	995	999
5 [b]	1015	1015	1015	1013	1011	1009	1008	1005	1007	998	989	974	969	975	983
6	1012	1009	1007	1005	1003	1003	1001	1000	1007	1009	1002	1003	1002	998	1005
7	1006	1004	1004	1004	1004	1003	1000	998	996	987	977	974	969	970	983
8 [a]	1007	1008	1007	1006	1004	1003	1002	1004	1004	1002	992	977	976	970	977
9	1004	1004	1005	1006	1007	1009	1011	1013	1016	1018	1008	995	983	987	993
10	1011	1014	1017	1015	1015	1016	1018	1019	1020	1019	1010	982	972	976	979
11 [a]	1005	1006	1006	1005	1005	1007	1004	1008	1010	1014	1010	995	986	966	978
12 [b]	1010	1010	1011	1011	1010	1009	1007	1008	1009	1007	995	977	973	978	981
13	1006	1006	1006	1002	1005	1004	1001	1004	1009	1013	1012	999	994	990	990
14	1008	1007	1006	1006	1006	1006	1006	1005	1004	999	979	971	966	966	970
15	1007	1007	1006	1006	1005	1004	1001	994	991	982	974	962	966	991	983
16	1007	1007	1008	1007	1007	1006	1005	1005	1004	1001	988	968	956	967	976
17 [a]	1005	1005	1003	1002	1000	998	994	998	998	986	969	955	959	966	976
18 [a]	1002	1003	1001	1001	999	999	997	999	998	989	967	957	960	965	976
19 [a]	1000	999	999	998	998	998	994	998	999	992	978	964	966	966	974
20	998	998	1000	1000	1000	999	997	1000	1000	994	985	982	977	974	982
21	1000	1002	1001	1000	999	998	997	1003	1008	1002	984	966	964	968	979
22	1001	998	997	999	999	1000	997	1005	1006	994	984	978	978	967	972
23	1000	1000	1001	1000	999	998	997	1004	1003	1002	991	980	981	984	988
24	1000	1000	1000	1000	1000	999	999	997	996	994	989	979	973	978	981
25	1004	1003	1001	999	999	998	998	999	1000	996	986	978	974	984	992
26	1002	1001	1000	1000	999	997	998	996	995	985	968	955	956	974	984
27	999	999	998	998	997	995	997	998	999	998	986	970	956	959	965
28	1004	1004	1003	1003	1003	1002	999	998	997	996	991	982	978	981	990
29 [b]	1004	1003	1004	1005	1004	1003	1002	1000	994	988	978	968	968	975	984
30 [b]	999	1000	998	1002	999	998	997	1001	1002	1005	993	986	983	984	992
31 [b]	999	1001	1001	999	1002	1002	999	1008	1006	1002	989	980	976	977	981
Mean	1004	1004	1003	1003	1002	1002	1001	1002	1002	999	989	977	974	977	983
Mean [a]	1004	1004	1003	1002	1001	1001	998	1001	1002	997	983	970	969	967	976
Mean [b]	1005	1006	1006	1006	1005	1004	1003	1004	1004	1000	989	977	974	978	984

FEBRUARY, 1918. **10000 γ plus tabular quantities.**

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	999	999	999	999	999	1000	1001	1002	1005	998	995	990	992	994	999
2	1001	997	998	997	998	997	999	996	995	989	976	973	976	979	985
3	997	998	997	997	999	998	1000	998	996	992	986	978	978	978	982
4	993	992	992	992	992	992	992	992	996	992	984	976	970	971	976
5 [b]	984	984	984	983	984	984	985	986	985	976	963	964	967	970	987
6 [b]	982	981	982	982	982	982	985	989	983	974	968	968	983	980	978
7	984	983	982	983	982	982	982	984	987	983	973	974	973	974	975
8 [a]	986	987	987	990	991	991	988	992	991	975	964	962	965	971	975
9	992	991	991	991	991	992	992	993	991	980	971	972	975	977	981
10	996	994	993	993	994	992	991	991	989	984	980	980	984	990	991
11	996	996	995	994	995	994	996	994	991	990	983	981	982	980	978
12 [b]	995	994	995	995	994	993	993	993	992	986	982	979	981	988	993
13 [b]	996	996	999	994	991	990	990	986	983	983	981	984	988	993	994
14	993	993	992	993	993	991	990	988	988	986	980	982	988	991	993
15 [b]	990	990	989	990	990	990	989	990	990	983	973	974	974	977	982
16	994	994	987	996	986	990	991	987	978	972	962	959	960	963	968
17	984	985	984	985	985	987	990	991	986	976	968	960	957	960	965
18	986	985	985	984	986	986	988	987	987	982	975	968	970	969	972
19 [a]	990	991	991	991	992	992	993	992	991	985	978	973	969	969	972
20	992	991	992	991	992	991	991	991	990	990	984	980	979	976	975
21	992	993	993	991	992	991	990	998	985	983	981	974	980	988	990
22 [a]	996	995	994	994	992	992	989	985	980	974	972	972	975	983	988
23	994	994	993	992	991	991	992	992	988	977	971	969	972	975	981
24	996	991	993	991	990	993	990	987	983	978	977	978	980	984	990
25 [a]	993	993	993	993	993	993	993	991	987	980	978	980	987	996	996
26 [a]	992	991	991	992	991	992	991	986	974	967	964	968	975	984	989
27	987	987	987	988	987	987	985	979	973	966	964	963	968	979	985
28	988	987	987	986	986	985	985	982	972	969	965	965	976	980	986
Mean	992	991	991	991	991	991	991	990	987	981	975	973	976	979	983
Mean [a]	991	991	991	992	992	992	991	989	985	976	971	971	974	981	984
Mean [b]	989	989	990	989	988	988	988	989	987	980	973	974	979	982	987

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JANUARY, 1918. 10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.		Minimum.		Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
990	991	992	994	996	996	997	998	999	994	7 00	1003	11 38	980	23	1
992	993	996	999	1002	1003	1002	1001	1000	996	21 00	1003	13 00	988	15	2
															3
1008	1009	1011	1012	1013	1014	1014	1015	1016							4
996	998	999	1001	1004	1008	1009	1012	1013	1001	2 06	1016	12 06	967	49	5
1002	996	1002	1000	1000	1000	1002	1000	1009	1003	1 00	1012	17 00	996	16	6
999	1003	1003	1002	1003	1005	1006	1006	1008	996	24 00	1008	12 43	967	41	7
984	995	998	1001	1002	1002	1002	1003	1003	997	2 08	1010	13 54	969	41	8
995	999	1001	1003	1004	1005	1007	1008	1009	1004	10 00	1018	12 54	982	36	9
985	998	999	1000	1000	1001	1002	1003	1004	1003	9 15	1021	13 10	971	50	10
989	997	998	1005	1008	1009	1009	1010	1011	1002	10 04	1015	14 00	966	49	11
991	998	997	997	995	1001	1003	999	1006	999	22 40	1014	12 36	968	46	12
996	1003	1003	1004	1007	1005	1010	1007	1010	1004	0 16	1017	14 30	986	31	13
984	996	997	999	1000	1001	1003	1005	1007	996	0 46	1010	11 43	965	45	14
900	995	1000	1001	1002	1003	1004	1005	1007	995	23 40	1020	12 50	959	61	15
985	995	998	1002	1004	1004	1005	1006	1006	997	3 00	1008	13 00	956	52	16
985	993	998	1001	1003	1002	1002	1003	1003	992	1 38	1006	11 48	954	52	17
984	990	991	995	995	996	996	998	999	990	1 47	1004	12 00	957	47	18
986	991	991	998	998	997	997	998	998	991	1 19	1001	13 35	962	39	19
996	998	996	1001	1000	1001	1004	1001	1001	995	22 00	1004	14 00	974	30	20
989	995	992	994	996	997	996	1000	997	993	9 20	1009	13 00	964	45	21
987	991	988	994	994	994	996	997	998	992	8 54	1007	14 10	966	41	22
994	996	996	997	997	997	997	998	999	996	8 00	1004	12 00	980	24	23
986	992	993	994	996	996	999	1002	1003	994	24 00	1003	13 00	973	30	24
993	992	993	999	998	996	999	999	999	995	1 00	1004	13 00	974	30	25
990	993	994	996	997	997	999	1000	1000	991	1 00	1002	12 00	955	47	26
972	989	994	997	998	1000	1001	1002	1004	990	24 00	1004	13 45	954	50	27
997	997	998	1000	1000	1000	1000	1001	1003	997	22 46	1005	13 20	977	28	28
986	994	988	992	995	995	994	996	1001	993	0 42	1006	12 24	966	40	29
997	994	994	996	998	994	997	999	999	996	10 00	1005	12 20	981	24	30
991	995	994	995	995	994	999	998	999	995	8 00	1008	12 42	972	36	31
991	996	996	999	1000	1000	1002	1002	1004	996	---	1008	---	970	38	---
986	993	995	1000	1001	1001	1001	1002	1003	994	---	1007	---	962	45	---
992	996	994	996	997	998	1000	1001	1004	997	---	1010	---	971	39	---

FEBRUARY, 1918. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h. m.	γ	h. m.	γ	γ	
998	998	994	996	997	996	996	997	999	998	1 13	1006	12 00	990	16	1
988	991	992	993	992	994	993	995	997	991	0 50	1002	11 37	971	31	2
984	988	986	988	987	988	988	992	992	990	7 20	1002	12 24	977	25	3
980	982	981	982	981	981	982	982	983	985	9 00	996	13 00	970	26	4
976	977	977	978	980	983	982	982	984	979	14 58	990	11 11	961	29	5
976	973	978	979	979	982	982	983	983	980	8 00	989	11 42	967	22	6
976	980	980	980	981	981	983	984	985	980	9 00	987	12 17	972	15	7
979	981	983	986	987	989	987	988	981	982	8 00	992	12 27	961	31	8
982	985	984	986	987	989	991	992	994	986	24 00	994	11 00	971	23	9
991	987	991	994	994	993	995	995	994	991	1 00	996	11 42	979	17	10
984	987	990	991	991	994	991	994	995	990	7 31	998	14 53	977	21	11
992	990	989	989	993	994	997	994	994	991	23 12	1000	12 32	976	24	12
991	988	986	990	991	992	990	993	993	990	3 00	999	10 12	980	19	13
990	989	982	986	986	985	987	989	990	988	1 36	994	11 09	979	15	14
984	986	986	987	988	990	990	991	995	986	23 53	998	11 18	972	26	15
973	978	980	981	984	982	984	984	985	980	2 28	998	12 08	958	40	16
971	979	980	983	983	984	985	985	986	979	8 00	991	13 20	955	36	17
977	981	982	983	984	984	986	987	988	982	23 20	989	12 00	968	21	18
975	979	982	985	986	988	989	990	991	985	7 00	993	13 34	966	27	19
978	983	986	989	990	991	992	992	993	987	23 45	994	15 00	975	19	20
988	986	985	990	990	990	992	992	995	988	24 00	995	12 12	973	22	21
989	989	986	990	992	992	992	995	996	988	1 06	997	11 40	970	27	22
984	984	985	988	989	989	991	991	991	986	23 10	997	11 45	968	29	23
989	987	986	989	990	989	990	992	993	988	1 00	996	10 38	975	21	24
993	988	987	989	990	990	990	992	992	990	14 26	997	11 00	978	19	25
990	987	983	983	983	985	986	987	988	984	6 20	993	10 33	962	31	26
987	983	979	984	985	986	986	987	989	981	24 00	989	12 00	963	26	27
988	988	987	986	985	985	986	988	989	983	23 20	991	10 39	950	41	28
984	985	985	987	987	988	989	990	991	986	---	996	---	971	25	---
985	985	984	987	988	989	989	990	990	986	---	994	---	967	27	---
984	983	983	985	986	988	988	989	990	985	---	995	---	971	24	---

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1918. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	987	987	985	984	984	984	983	981	977	971	968	968	974	981	990
2	990	990	990	990	990	990	990	987	979	969	964	962	963	972	981
3	989	985	986	986	984	985	984	982	977	970	964	966	969	981	984
4	992	993	991	990	989	990	991	988	982	972	966	962	966	974	982
5 [a]	999	999	999	1000	1000	1001	1002	997	984	973	967	963	967	974	982
6 [a]	992	993	993	994	994	996	998	993	986	974	971	967	968	975	978
7	990	991	991	992	992	992	994	991	987	980	977	973	972	973	977
8 [b]	991	992	992	993	993	990	993	990	981	960	999	990	981	977	975
9	991	998	990	993	992	992	991	989	988	986	982	982	983	986	984
10	987	987	987	987	987	988	988	986	983	980	973	973	977	981	983
11 [b]	989	987	990	990	990	996	989	981	979	972	972	974	980	987	989
12 [b]	989	991	991	988	988	989	984	976	966	964	965	966	973	978	983
13	985	986	986	985	985	985	983	980	975	969	964	962	969	975	980
14	983	983	982	982	983	984	983	981	974	963	950	946	951	963	971
15 [b]	980	979	979	978	979	981	982	977	974	960	953	951	954	959	967
16 [b]	975	978	972	975	977	975	978	976	968	961	949	945	955	964	971
17	977	978	978	978	978	979	980	977	970	963	957	951	952	959	966
18	979	978	978	977	977	980	979	974	968	958	955	951	950	957	969
19 [a]	978	978	979	979	979	978	977	973	969	959	952	950	955	961	967
20	977	977	975	973	974	974	975	974	971	967	958	950	947	948	960
21	974	972	968	966	962	960	951	945	935	924	906	907	921	943	959
22	974	976	969	967	963	962	955	944	933	918	913	914	920	940	959
23	973	971	970	968	966	964	961	952	943	930	929	933	940	948	960
24 [a]	979	976	976	976	970	969	966	956	951	946	948	943	946	954	958
25 [a]	976	977	977	977	976	975	971	963	959	955	952	954	958	961	965
26	977	977	977	976	975	974	974	968	966	957	948	948	954	959	969
27	973	974	974	973	971	970	969	963	959	950	940	930	938	949	961
28	973	972	971	970	969	968	966	958	952	941	932	933	939	951	964
29	974	974	974	974	972	970	970	964	959	951	944	945	952	957	966
30	977	974	974	973	972	973	974	968	958	945	930	926	924	937	946
31	963	963	962	962	961	962	962	960	951	939	929	925	933	939	948
Mean	982	982	981	981	980	980	979	974	968	959	954	952	956	963	971
Mean [a]	985	985	985	985	984	984	983	976	970	961	958	955	959	965	970
Mean [b]	985	985	985	985	985	986	985	980	974	963	968	965	969	973	977

APRIL, 1918. 10000 γ plus tabular quantities.

	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	965	965	965	965	963	963	960	957	949	938	933	934	939	943	949
2	977	972	972	972	971	971	966	961	954	945	934	934	940	954	966
3	973	972	970	969	968	966	960	957	957	951	941	939	942	952	961
4	975	974	971	970	969	971	971	965	959	949	931	931	932	941	954
5 [b]	976	974	972	971	971	970	971	969	969	959	957	953	946	959	964
6 [b]	981	980	980	979	976	976	973	962	955	946	942	948	958	965	962
7	978	982	979	978	978	976	971	970	965	956	951	946	954	959	962
8	983	982	982	981	980	980	981	979	973	968	956	953	948	953	959
9	978	979	980	980	980	980	975	970	960	946	938	934	930	946	955
10	970	970	970	971	971	971	973	978	978	973	965	960	960	965	970
11 [b]	981	980	980	981	988	983	978	963	957	952	946	946	955	965	966
12	987	987	988	986	982	982	974	971	964	963	961	966	968	971	980
13 [a]	996	999	994	992	991	991	985	973	963	957	954	957	960	968	978
14 [a]	986	986	984	980	979	978	974	966	956	950	942	943	952	960	968
15 [a]	988	988	987	987	986	986	979	972	967	963	956	967	970	973	979
16	992	992	992	991	991	991	986	979	971	967	962	966	968	975	979
17	991	988	988	987	987	987	984	976	974	970	966	966	968	971	976
18	996	996	995	995	995	993	991	983	972	963	963	967	975	976	976
19 [b]	1000	1000	1000	998	997	996	994	989	986	984	976	972	977	989	993
20 [a]	1005	1006	1005	1005	1005	1005	1001	994	990	989	985	986	986	990	990
21	1006	1007	1006	1007	1007	1008	1004	999	986	979	978	980	983	984	984
22	996	998	999	1002	1003	1002	998	992	990	982	978	976	978	974	974
23	989	991	993	995	997	1000	999	992	991	981	980	983	980	976	971
24 [a]	978	980	982	985	988	993	986	977	974	969	966	963	965	968	969
25	986	989	990	991	993	995	997	989	978	970	975	981	981	978	977
26 [b]	984	988	992	995	996	1000	996	990	979	975	974	971	984	990	984
27	999	1000	1000	999	1000	1002	994	986	978	975	976	979	988	994	998
28	991	992	993	991	991	996	989	979	973	961	958	964	971	976	987
29	990	990	990	990	992	990	984	977	974	969	966	967	977	981	989
30	986	990	992	995	998	1002	994	988	977	967	961	967	972	975	982
Mean	986	987	986	986	986	987	983	977	971	964	959	960	964	969	973
Mean [a]	991	992	990	990	990	991	985	976	970	966	961	963	967	972	977
Mean [b]	984	984	985	985	986	985	982	975	969	963	959	958	964	974	974

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

MARCH, 1918. 10000 γ plus tabular quantities.

16h	17h	18h	19h	20h	21h	22h	23h	24h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
992	990	988	987	987	988	989	989	990	985	16	00	992	10	48	966	26	1
983	983	983	984	984	985	985	987	987	982	0	42	991	11	36	961	30	2
987	988	987	988	989	990	994	987	993	983	22	15	966	11	00	964	32	3
989	993	991	991	991	992	995	997	999	986	24	00	999	12	00	962	37	4
985	983	980	982	984	986	988	990	992	987	7	00	1002	12	00	963	39	5
978	976	976	978	979	981	983	988	990	983	7	00	998	12	00	967	31	6
981	986	982	983	984	986	987	989	991	985	7	00	994	13	00	972	22	7
973	980	988	990	990	990	992	993	991	987	11	38	1017	10	00	960	57	8
982	980	979	982	984	984	985	985	987	986	2	00	998	11	12	978	20	9
981	978	978	983	983	984	986	986	988	983	23	22	989	11	28	971	18	10
986	983	981	983	985	985	987	989	990	985	6	00	993	10	45	971	22	11
980	977	979	981	981	983	982	986	986	980	1	31	993	10	00	964	29	12
980	978	978	981	982	983	984	984	984	979	0	35	987	12	00	962	25	13
973	973	973	973	973	975	976	978	980	973	6	00	984	12	00	946	38	14
973	970	964	965	964	965	965	972	974	969	7	00	982	11	19	944	38	15
974	974	973	974	975	975	972	976	976	970	1	53	987	11	24	943	44	16
971	972	973	974	974	975	976	978	980	972	1	21	983	12	33	949	34	17
970	966	962	965	968	970	972	975	977	969	6	00	980	13	00	950	30	18
969	967	966	969	969	970	971	974	976	969	2	45	980	11	18	949	31	19
970	969	967	974	976	973	974	976	975	969	1	46	978	13	00	947	31	20
965	966	965	967	968	971	975	975	977	955	23	43	983	11	32	899	84	21
964	961	960	965	967	966	968	972	974	954	2	00	976	11	00	913	63	22
963	967	967	969	972	976	977	979	980	961	0	41	981	11	00	929	52	23
956	959	963	965	967	971	973	975	976	963	1	40	981	11	38	940	41	24
966	963	963	966	967	970	972	974	976	967	3	10	978	11	00	952	26	25
969	966	964	963	966	966	969	971	974	967	1	08	978	11	10	947	31	26
967	968	962	962	966	966	969	972	972	962	23	28	976	12	10	928	48	27
968	965	963	963	964	968	970	973	975	961	23	33	976	11	05	931	45	28
971	969	967	967	969	972	973	974	975	966	24	00	975	11	00	944	31	29
956	957	952	952	954	956	957	959	964	957	1	18	980	12	45	923	57	30
951	955	956	957	957	959	961	963	965	953	24	00	965	12	00	925	40	31
973	973	972	974	975	976	978	980	981	973	----------		986	----------		949	37	-------
971	970	970	972	973	976	977	980	982	974	----------		988	----------		954	34	-------
977	977	977	979	979	980	980	983	983	978	----------		994	----------		956	38	-------

APRIL, 1918. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
963	973	977	978	977	977	976	976	979	961	24	00	979	11	00	933	46	1
970	972	968	968	972	974	974	974	974	964	1	00	977	11	20	933	44	2
969	969	964	965	967	970	972	973	975	963	24	00	975	12	00	939	36	3
960	961	962	966	967	969	972	975	976	961	24	00	976	11	35	939	47	4
968	962	962	965	967	973	976	978	980	967	24	00	980	12	35	942	38	5
964	965	973	979	978	978	978	982	984	969	21	21	986	10	28	937	49	6
966	970	970	970	972	976	979	980	983	970	0	14	986	12	24	944	42	7
962	962	961	964	965	966	970	973	976	969	1	00	983	12	42	944	39	8
961	956	956	957	958	960	962	967	969	962	2	47	981	13	00	930	51	9
975	974	971	969	969	970	972	975	980	971	24	00	980	12	14	959	21	10
973	969	966	968	968	978	977	976	980	970	5	00	988	12	28	944	44	11
986	984	984	986	990	993	994	995	996	981	22	41	997	11	00	961	36	12
982	985	984	984	985	985	985	986	986	980	2	00	999	11	00	954	45	13
976	979	979	982	983	984	984	986	987	973	24	00	987	11	10	941	46	14
983	986	986	987	987	987	988	991	991	981	23	23	992	11	28	954	38	15
980	980	982	986	987	988	990	990	990	982	1	10	993	11	11	961	32	16
980	984	980	982	983	986	987	991	994	981	24	00	994	11	35	965	29	17
973	973	975	977	979	984	987	991	999	982	24	00	999	10	52	962	37	18
990	986	980	978	985	992	994	996	1000	990	2	50	1001	11	48	970	31	19
990	985	982	981	985	989	991	998	1003	994	2	00	1006	19	00	981	25	20
987	980	975	976	978	980	984	987	992	990	6	00	1008	18	00	975	23	21
972	968	968	968	971	974	975	976	982	983	5	00	1003	16	45	963	36	22
962	958	961	961	958	958	962	967	975	978	6	00	1000	16	38	956	44	23
972	973	974	974	974	976	977	980	982	976	6	00	993	12	00	963	30	24
974	966	962	967	969	973	975	978	981	980	6	45	998	17	38	959	39	25
986	982	984	983	986	987	992	994	996	987	6	00	1000	11	21	964	36	26
992	984	983	983	983	983	984	987	990	989	6	00	1002	10	30	973	29	27
984	979	972	976	980	980	984	987	988	981	6	00	996	10	45	957	39	28
986	979	972	970	970	971	974	978	980	979	5	25	994	11	00	966	28	29
990	979	973	973	975	977	980	986	990	982	5	14	1009	11	20	958	51	30
976	974	973	974	976	978	980	982	985	977	----------		992	----------		954	38	-------
981	982	981	982	983	984	985	988	990	981	----------		995	----------		958	37	-------
976	973	973	975	977	982	983	985	988	977	----------		951	----------		951	40	-------

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1918. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	995	1000	1001	1003	1005	1007	1004	999	988	982	977	985	997	987	992
2	992	996	999	1001	1004	1007	1004	1003	978	960	953	948	952	954	957
3	999	1002	1004	1007	1010	1016	1012	1007	1005	988	976	978	973	979	984
4	1001	1002	1005	1005	1010	1015	1008	999	990	982	964	968	968	970	976
5	986	991	991	994	997	1000	998	988	980	971	969	968	979	983	983
6	991	996	996	997	1000	1002	991	980	971	968	966	972	977	977	980
7 [a]	983	985	988	991	997	1000	991	988	980	972	966	966	966	963	969
8 [a]	981	984	985	990	992	996	998	995	987	984	973	976	978	976	976
9 [a]	982	984	985	990	993	995	987	984	972	956	955	959	961	965	965
10	975	976	978	981	985	988	982	976	965	956	945	947	947	958	965
11	983	986	986	991	994	996	994	991	988	982	973	974	976	977	979
12	985	991	993	996	999	999	989	985	976	970	964	956	962	965	985
13	1001	1001	1001	1002	1002	1009	1004	992	976	968	961	959	958	970	981
14	1001	1001	999	999	999	999	996	985	975	964	964	965	970	979	992
15	1000	1000	1002	1002	1002	1000	993	979	960	946	946	953	957	965	771
16 [b]	999	993	993	991	997	993	989	979	973	966	963	962	966	963	962
17 [b]	986	990	989	990	995	998	1000	1003	1003	986	989	972	980	975	970
18 [b]	978	979	982	981	984	981	979	975	970	961	956	961	956	962	964
19 [b]	985	986	988	988	988	989	986	979	972	963	959	965	969	972	979
20	987	990	989	989	992	992	989	983	977	969	969	967	966	973	978
21	988	991	991	993	991	991	990	985	976	971	961	956	965	967	970
22	982	982	985	986	989	992	992	991	988	974	962	955	955	968	968
23	978	981	983	984	984	984	973	969	967	955	950	953	955	961	967
24	985	988	988	990	991	996	988	984	974	967	962	964	967	970	982
25	992	992	995	995	995	992	986	983	978	974	969	963	968	978	983
26 [a]	987	989	990	990	992	990	978	972	966	963	961	963	969	966	967
27 [a]	990	990	988	988	988	991	988	980	974	962	959	960	965	973	979
28	991	991	988	986	986	985	977	969	965	963	960	955	965	975	978
29	992	992	990	990	989	990	984	975	967	961	955	955	962	969	976
30	990	991	991	990	990	987	982	970	965	963	957	965	971	980	987
31	994	992	989	989	988	986	975	968	966	957	958	964	966	968	971
Mean	989	991	991	993	994	996	991	984	977	968	963	963	967	971	975
Mean [a]	985	986	987	990	992	994	988	984	976	967	963	965	968	969	971
Mean [b]	989	990	991	991	994	994	992	987	981	972	969	969	974	972	973

JUNE, 1918. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	985	985	982	981	976	976	970	965	970	969	969	969	969	975	975
2 [a]	983	982	979	975	975	973	969	958	946	935	936	945	953	954	955
3 [a]	996	994	991	987	987	985	981	977	968	965	954	957	962	971	980
4 [a]	989	986	983	980	979	976	971	964	959	951	945	952	956	966	978
5	1006	1005	1003	998	996	994	987	981	972	969	967	969	973	978	984
6	996	996	990	989	987	980	968	965	951	948	951	950	953	961	966
7	973	971	970	969	964	960	949	936	934	931	927	932	944	951	966
8	988	986	983	981	981	980	969	956	949	943	945	949	959	959	967
9 [b]	988	985	984	980	977	974	962	960	959	954	952	955	960	966	966
10 [b]	994	991	991	989	985	986	978	966	966	958	971	958	963	973	981
11 [b]	975	970	968	967	962	960	955	948	941	936	938	939	940	953	962
12 [b]	954	952	950	947	947	946	939	934	920	915	916	925	935	950	955
13	970	968	967	966	961	958	949	946	939	924	934	939	994	954	963
14	973	969	965	960	960	958	951	938	935	924	921	935	953	958	965
15 [b]	982	981	980	979	974	971	969	955	956	936	928	930	936	953	961
16	996	991	991	989	984	982	981	972	954	957	945	944	948	972	987
17	1003	1002	997	993	991	985	983	980	980	984	981	981	979	979	988
18	1004	1002	999	993	988	990	988	983	977	963	959	961	966	970	977
19	1003	1001	998	996	994	991	988	987	978	972	969	964	969	982	994
20	1012	1010	1008	1004	1000	995	985	976	978	970	959	962	968	974	983
21	1004	1003	999	997	995	995	992	981	975	970	963	962	965	967	971
22	1010	1008	1003	1002	998	1002	993	983	972	963	955	950	964	976	988
23	1008	1007	1004	1002	999	999	993	985	977	973	970	978	989	994	999
24	1017	1015	1015	1015	1014	1012	1001	989	983	978	973	976	986	994	1003
25	1019	1019	1017	1014	1012	1009	998	997	997	1000	996	993	995	995	1002
26	1027	1026	1025	1022	1022	1021	1008	1002	999	997	987	983	991	996	1006
27	1019	1018	1017	1013	1013	1014	1009	1000	990	967	956	942	945	955	961
28	976	975	973	972	971	971	965	958	949	939	934	927	926	931	943
29 [a]	936	935	931	929	928	928	924	909	900	884	873	865	860	868	872
30 [a]	888	887	885	885	885	885	884	880	875	876	878	875	875	884	890
Mean	989	987	985	982	980	979	972	964	958	952	948	949	954	962	970
Mean [a]	958	957	954	951	951	949	946	938	930	922	917	919	921	929	935
Mean [b]	979	976	975	972	969	967	961	953	948	940	941	941	947	959	965

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

MAY, 1918. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
991	981	978	974	977	981	981	984	988	990	6	00	1007	11	06	973	34	1
967	978	977	975	980	983	987	990	995	981	5	15	1009	10	33	946	63	2
991	993	990	990	990	993	993	995	998	995	6	00	1016	13	00	973	43	3
976	976	970	965	968	971	973	978	981	984	6	00	1015	11	00	964	51	4
983	983	974	972	976	977	979	983	989	983	5	20	1003	12	00	968	35	5
974	968	959	960	963	965	971	974	979	978	6	00	1002	18	00	959	43	6
974	974	969	967	967	972	974	975	977	977	5	36	1001	11	50	960	41	7
975	975	973	970	970	970	973	976	979	980	7	00	998	10	55	968	30	8
965	961	956	956	956	959	962	967	972	970	5	30	997	11	20	952	45	9
968	970	970	968	967	972	975	976	979	970	5	38	990	11	00	945	45	10
982	979	973	971	973	974	976	979	980	982	5	33	998	10	50	970	28	11
992	992	988	990	990	993	995	998	1001	986	24	00	1001	12	00	956	45	12
987	992	992	993	993	996	999	999	1001	989	6	00	1009	11	28	954	55	13
999	998	996	993	995	996	996	998	1001	990	23	40	1003	11	18	960	43	14
976	977	977	979	980	982	985	988	993	980	0	06	1003	10	30	942	61	15
963	963	962	963	965	973	976	979	983	976	1	00	999	10	30	959	40	16
980	975	972	969	969	970	974	977	975	983	5	35	1015	19	24	967	48	17
971	975	975	976	976	978	981	981	984	974	5	15	986	10	57	954	32	18
979	979	977	976	976	979	980	982	988	978	6	00	989	11	00	959	30	19
977	975	973	972	973	977	978	981	984	979	5	48	994	12	03	964	30	20
968	970	965	965	967	968	973	974	978	976	4	00	993	11	20	946	47	21
972	971	968	966	966	968	968	972	974	975	6	36	995	12	20	952	43	22
972	973	973	973	973	976	978	980	981	972	5	06	988	11	00	950	38	23
984	979	979	979	981	982	984	987	988	981	6	00	996	11	00	962	34	24
983	978	978	980	982	983	985	986	986	983	5	15	998	11	39	960	38	25
972	973	972	975	979	983	984	986	987	977	5	20	994	11	30	957	37	26
985	984	982	982	985	987	987	990	990	981	5	30	995	11	00	959	36	27
985	989	986	985	985	985	985	986	989	980	0	10	993	12	00	955	38	38
986	987	986	984	987	989	987	989	990	980	0	20	994	11	25	953	41	29
987	990	985	987	990	990	994	994	993	983	22	15	996	11	00	957	39	30
981	981	980	981	983	984	986	986	984	978	1	00	994	10	00	957	37	31
979	979	976	975	977	979	981	984	986	980	----------		999	----------		958	41	-------
974	973	970	970	971	974	976	979	981	977	----------		997	----------		959	38	-------
977	975	973	972	973	976	978	981	984	980	----------		999	----------		962	37	-------

JUNE, 1918. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
975	979	977	977	979	980	981	981	980	976	1	03	986	8	36	962	24	1
963	982	991	993	994	994	994	994	994	972	20	20	996	10	00	935	61	2
983	988	990	990	990	990	990	988	987	981	1	00	996	11	00	954	42	3
989	995	995	998	1002	1004	1003	1003	1003	980	21	15	1006	11	15	940	66	4
992	996	998	997	997	996	996	994	993	989	1	00	1006	11	20	965	41	5
972	972	974	974	975	975	974	972	971	971	0	42	997	11	24	943	54	6
971	974	982	985	987	988	988	987	985	964	20	58	990	10	27	919	71	7
971	978	983	986	987	988	988	988	987	973	21	40	990	10	21	940	50	8
969	979	985	990	990	993	993	993	993	975	20	48	995	11	21	950	45	9
982	989	991	981	985	980	978	976	975	979	1	00	994	10	24	925	69	10
968	963	962	963	960	959	958	957	955	957	0	39	977	10	33	926	51	11
955	964	968	969	969	968	970	970	969	949	22	48	972	10	18	913	59	12
973	975	977	978	981	977	976	976	976	961	20	00	981	10	00	924	57	13
977	978	984	982	984	987	987	985	985	963	20	36	989	10	54	920	69	14
977	993	995	995	994	994	994	994	995	972	19	27	998	11	00	928	70	15
993	998	1000	1003	1005	1003	1000	1002	1003	983	20	00	1005	12	06	942	63	16
993	999	999	999	999	1000	1002	1003	1003	992	22	51	1005	11	39	978	27	17
988	996	999	1001	1001	1004	1004	1004	1004	988	21	12	1005	10	40	957	48	18
1001	1005	1008	1008	1010	1011	1012	1011	1010	994	22	00	1012	12	00	964	48	19
988	999	999	999	1000	1003	1005	1007	1005	991	1	00	1012	11	03	958	54	20
984	987	1001	1001	1004	1008	1006	1009	1009	990	21	24	1012	11	27	959	53	21
994	1001	1002	1002	1003	1003	1003	1005	1006	991	0	06	1012	11	27	948	64	22
1004	1011	1013	1014	1014	1016	1017	1018	1017	1000	23	00	1018	10	39	967	51	23
1012	1015	1017	1020	1022	1022	1020	1019	1018	1006	20	15	1023	11	00	973	50	24
1010	1015	1017	1024	1025	1025	1025	1026	1025	1011	22	05	1028	11	18	990	38	25
1012	1016	1017	1017	1018	1018	1018	1020	1020	1011	1	00	1027	12	00	983	44	26
970	972	975	976	978	979	979	976	975	983	0	01	1020	12	10	940	80	27
953	953	953	947	942	942	942	939	937	951	1	00	976	12	45	923	53	28
881	884	889	889	889	887	887	886	886	897	0	01	937	13	00	860	77	29
902	905	911	908	905	907	907	907	905	891	18	00	911	11	34	870	41	30
977	982	985	986	986	987	987	986	986	975	----------		996	----------		942	54	-------
944	951	955	956	956	956	956	956	955	944	----------		969	----------		912	57	-------
970	978	980	980	980	979	979	978	978	966	----------		987	----------		928	59	-------

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1918. 10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	906	905	903	900	898	899	896	890	879	865	856	864	874	888	898
2	949	949	948	946	941	939	934	925	918	917	917	918	924	931	939
3	957	957	957	957	956	956	954	953	950	945	941	936	941	945	948
4	961	960	958	958	958	959	955	951	946	947	945	945	940	942	949
5	959	959	958	958	958	956	948	943	941	940	936	939	940	941	943
6	954	954	954	952	953	954	955	949	939	932	928	931	946	950	954
7 [a]	963	963	962	961	961	961	956	945	933	927	925	929	932	934	942
8 [b]	965	965	964	962	962	961	957	948	937	925	918	932	939	943	939
9	962	960	959	959	957	960	956	947	938	935	931	924	927	932	936
10	955	953	953	953	953	952	948	942	934	923	916	903	909	910	922
11 [b]	947	948	947	947	948	949	949	949	949	942	933	927	921	923	932
12	949	949	949	947	947	948	946	940	928	923	925	930	928	930	940
13	952	951	950	949	949	948	947	942	936	928	917	919	921	925	932
14	954	954	953	952	951	954	954	951	945	939	931	927	924	924	932
15	949	949	948	945	945	947	946	943	942	939	933	929	919	915	919
16	945	943	942	941	939	941	944	939	934	930	931	925	924	925	927
17	950	950	946	946	946	947	945	945	947	946	939	935	934	936	945
18	952	951	950	948	950	951	946	936	926	917	917	922	930	932	933
19 [a]	949	949	949	949	949	950	950	945	936	938	932	932	931	927	934
20 [a]	951	951	952	952	951	951	950	949	939	936	931	922	920	927	927
21 [a]	952	952	951	950	950	951	950	942	935	933	928	929	935	938	945
22 [a]	954	954	953	953	953	953	952	952	949	944	931	935	935	933	937
23	953	952	951	951	951	951	942	939	930	925	923	924	931	932	937
24	953	952	952	951	952	951	949	943	935	921	914	915	911	918	925
25 [b]	951	950	951	951	951	955	950	944	939	930	925	918	919	930	936
26	969	969	968	967	965	967	963	953	935	935	936	920	926	941	950
27	956	959	955	954	955	957	955	952	948	930	925	919	922	924	930
28 [b]	952	952	953	953	955	956	957	954	946	912	905	900	911	918	925
29 [b]	952	955	952	954	951	961	961	961	955	952	938	913	918	926	934
30	955	956	956	957	956	959	958	949	942	910	900	912	923	931	945
31								963	953	936	933	924	926	933	940
Mean	953	952	951	951	950	951	949	945	938	930	924	923	925	929	935
Mean [a]	954	954	953	953	953	953	952	947	938	936	929	929	931	932	937
Mean [b]	953	954	953	953	953	956	955	951	945	932	924	918	922	928	933

AUGUST, 1918. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	∿	γ	γ	γ
1 [a]	972	972	971	971	967	969	963	960	957	951	947	948	947	947	953
2	969	970	969	966	966	966	964	956	947	929	933	936	940	945	950
3	964	967	966	966	966	967	966	955	948	945	926	927	927	941	944
4	974	974	974	972	972	972	969	963	956	947	938	938	940	945	955
5	979	979	980	979	979	980	976	972	960	954	945	944	944	948	951
6	982	981	981	980	979	981	979	968	961	947	949	946	953	956	967
7	984	983	983	982	982	979	971	960	955	947	943	944	952	959	967
8	987	986	985	983	982	983	981	972	969	959	953	949	951	957	968
9	994	994	993	993	991	992	986	974	958	947	946	950	955	958	966
10	984	983	982	982	979	979	971	962	952	949	948	950	954	962	968
11	972	972	972	971	971	970	970	959	951	949	937	934	935	936	945
12	967	967	967	966	967	968	968	961	952	944	933	931	932	935	943
13	970	970	971	971	972	973	973	971	964	943	929	926	928	930	939
14	966	967	967	969	969	972	968	962	954	941	931	935	930	931	940
15 [b]	971	970	970	968	967	969	967	965	964	957	949	937	935	938	947
16 [b]	973	976	983	976	972	970	970	969	965	961	952	959	957	955	955
17	977	976	974	974	975	977	973	969	971	970	966	961	959	957	958
18 [a]	976	975	975	974	975	976	971	966	960	943	940	940	942	947	949
19 [a]	975	975	975	974	974	976	967	960	956	942	940	936	937	941	947
20	975	974	972	972	972	973	966	956	945	930	924	924	924	930	938
21 [a]	972	972	973	973	974	978	976	972	959	939	922	912	917	923	934
22	965	966	966	966	966	965	963	955	946	945	943	943	949	954	961
23	973	972	972	971	971	973	969	954	945	917	903	907	924	934	951
24	969	970	969	968	969	970	964	957	950	935	926	923	927	934	946
25 [b]	970	972	971	971	973	973	967	955	952	930	919	913	932	942	950
26 [b]	971	970	969	969	969	972	969	959	950	936	924	922	926	930	943
27 [b]	969	971	972	972	973	975	971	963	949	937	923	912	919	928	939
28	967	966	966	967	967	968	963	954	949	928	914	911	931	931	940
29	966	966	967	967	968	969	971	968	959	950	942	944	940	939	945
30 [a]	965	965	965	967	967	969	967	950	932	922	931	945	954	962	964
31	966	967	967	967	970	972	970	961	951	944	942	941	949	954	961
Mean	973	973	973	972	972	973	970	962	951	943	936	935	939	944	951
Mean [a]	972	972	972	972	971	974	969	962	953	939	936	936	939	944	949
Mean [b]	971	972	973	971	971	972	969	962	956	944	933	929	934	939	947

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

JULY, 1918. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
920	932	933	937	943	944	947	948	948	907	23	12	950	11	00	856	94	1
946	948	948	950	951	952	953	954	956	940	24	00	956	10	30	915	41	2
958	957	958	956	958	958	960	960	961	953	24	00	961	11	45	934	27	3
954	957	952	952	954	955	957	956	956	953	0	29	962	10	48	938	24	4
962	954	954	952	951	951	952	952	953	950	0	48	960	11	00	936	24	5
955	953	953	957	959	959	960	961	962	951	24	00	962	10	12	925	37	6
947	952	955	956	957	958	960	961	963	950	0	20	964	10	27	924	40	7
948	948	950	955	957	957	957	958	958	950	0	57	966	11	20	916	50	8
941	947	948	949	951	951	951	952	952	947	0	50	963	12	27	922	41	9
934	943	944	944	941	941	944	945	945	938	1	00	955	12	06	901	54	10
939	940	941	945	946	948	948	948	948	942	5	36	951	11	45	917	34	11
949	952	954	949	949	948	948	949	949	943	18	00	954	10	20	921	33	12
935	942	949	948	950	950	953	955	955	942	23	10	957	11	00	917	40	13
939	943	943	943	942	943	943	944	945	943	0	01	955	12	12	921	34	14
932	939	943	940	941	942	941	942	943	939	1	36	950	14	00	915	35	15
934	941	945	944	945	947	948	949	950	939	24	00	950	13	00	924	26	16
952	952	949	947	950	951	951	952	951	946	17	06	954	12	30	932	22	17
937	943	944	945	945	947	947	948	947	940	1	00	952	10	12	915	37	18
939	943	947	947	948	949	950	950	949	943	5	57	951	13	42	925	26	19
936	940	945	946	947	948	949	950	951	943	2	48	953	12	42	918	35	20
952	950	946	949	950	952	952	952	952	946	23	36	953	11	36	926	27	21
940	941	943	947	947	947	947	949	951	946	1	10	955	11	00	931	24	22
940	943	945	944	946	946	948	953	953	942	23	06	955	11	00	923	32	23
940	943	946	944	946	948	949	950	949	940	0	01	954	13	00	911	43	24
952	961	962	962	965	964	966	966	968	949	24	00	968	11	34	915	53	25
958	960	956	955	955	956	957	958	957	953	2	50	972	12	00	920	52	26
932	939	942	944	945	947	948	950	950	943	2	00	959	12	00	919	40	27
934	940	942	943	947	947	948	951	950	940	6	24	959	11	38	898	61	28
952	953	956	953	954	956	956	955	954	949	9	15	964	12	20	910	54	29
956	957	961	961	------	------	------	------	------	------	------	------	------	------	------	------	------	30
951	960	967	968	968	969	973	971	970	------	------	------	------	------	------	------	------	31
944	948	949	949	950	951	952	953	953	944	------	------	957	------	------	918	39	------
943	945	947	949	950	951	952	952	953	946	------	------	955	------	------	925	30	------
945	948	950	952	954	954	955	956	956	946	------	------	961	------	------	911	50	------

AUGUST, 1918. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
960	967	971	971	971	971	971	971	969	963	0	40	973	10	24	945	28	1
962	969	968	967	967	968	968	968	968	959	2	00	970	10	00	929	41	2
952	960	965	966	969	969	970	972	973	957	24	00	973	10	50	924	49	3
969	975	977	975	975	976	977	977	977	965	23	36	979	11	45	934	45	4
958	968	974	976	976	978	981	981	981	964	21	42	983	12	06	942	41	5
975	978	980	978	979	981	984	983	983	972	9	54	986	10	10	944	42	6
969	976	978	980	982	983	985	985	986	971	24	00	986	11	24	941	45	7
975	983	984	987	985	989	990	990	988	976	22	10	991	12	00	949	42	8
972	979	980	981	981	981	982	982	983	976	1	24	995	10	42	944	51	9
971	975	975	973	973	973	971	972	971	969	1	00	984	11	20	946	38	10
950	960	964	963	964	963	966	966	966	959	0	20	974	12	18	932	42	11
950	955	961	961	961	963	964	966	967	956	6	48	970	11	42	921	49	12
947	954	958	961	963	963	963	963	963	957	5	45	974	12	00	926	48	13
950	958	964	965	967	968	969	970	970	958	5	39	974	11	00	930	44	14
955	961	964	967	969	970	970	971	976	962	23	48	1000	13	00	935	65	15
961	968	972	980	974	978	977	978	976	969	2	48	993	10	54	948	45	16
961	963	966	970	973	974	975	976	977	970	5	42	979	12	10	955	24	17
962	964	965	971	972	972	973	974	974	964	0	01	977	10	45	936	41	18
960	965	967	971	972	973	974	974	974	963	6	00	976	12	00	936	40	19
950	953	960	962	966	967	969	972	972	956	1	00	975	12	24	923	52	20
945	952	954	957	960	961	962	963	963	955	6	00	978	12	10	910	68	21
964	966	966	968	969	970	969	971	972	961	21	40	974	11	54	942	32	22
963	969	967	968	968	969	969	970	970	956	3	34	975	11	00	903	72	23
960	968	969	969	968	967	971	970	970	958	22	00	971	12	00	923	48	24
957	966	967	967	973	972	972	973	973	959	23	20	975	11	36	908	67	25
960	961	960	962	962	962	964	965	967	956	6	00	972	11	20	920	52	26
952	959	954	957	958	968	961	964	966	955	6	00	975	12	00	912	63	27
949	957	960	959	960	961	964	964	965	952	6	00	968	11	09	907	61	28
952	954	957	961	962	963	963	964	964	958	7	00	971	10	33	935	36	29
966	965	963	962	962	961	961	962	963	958	6	00	969	10	00	922	47	30
963	962	961	962	963	964	966	967	969	961	6	00	972	11	54	939	33	31
959	965	967	968	969	970	971	972	972	962	------	------	978	------	------	931	47	------
959	963	964	966	967	968	968	969	969	961	------	------	975	------	------	930	45	------
957	963	963	967	967	970	969	970	972	960	------	------	983	------	------	925	58	------

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1918. 10000 γ plus tabular quantities.

Day.	1 h	2 h	3 h	4 h	5 h	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	15 h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	971	971	978	971	972	973	971	955	946	939	938	945	951	951	957
2	969	969	970	970	969	971	962	945	931	925	926	928	928	936	951
3	967	965	965	966	965	968	961	943	933	927	926	920	925	936	948
4	969	971	972	971	973	974	968	952	949	955	948	954	953	958	967
5	979	979	979	980	981	978	973	963	953	954	952	954	961	963	965
6	981	983	983	981	980	980	969	961	954	950	951	955	962	965	967
7	981	980	980	981	982	982	979	971	96[illegible]	959	956	958	965	968	971
8	985	981	983	981	980	983	976	962	952	945	938	935	946	969	975
9	981	981	980	979	980	978	968	958	949	945	949	959	962	972	977
10	993	992	991	992	989	991	983	974	971	966	962	963	968	973	981
11 [a]	992	993	993	992	991	994	990	978	971	966	957	959	964	968	972
12 [a]	987	986	986	986	987	988	985	976	969	965	959	958	961	963	971
13	988	988	987	986	985	990	991	985	981	967	957	960	966	973	982
14	994	994	992	990	990	992	987	972	961	952	946	952	960	964	974
15 [a]	994	995	996	996	999	1002	997	987	979	972	964	960	966	974	981
16	997	998	997	999	999	1000	994	991	972	961	963	978	997	997	997
17	1005	1008	1008	1007	1007	1011	1005	986	984	973	971	968	980	987	990
18 [b]	1006	1007	1006	1005	1004	1007	999	984	974	966	968	971	973	977	987
19 [b]	997	997	997	998	999	1000	998	994	987	978	973	981	995	995	996
20 [b]	1003	1003	1003	1003	1005	1005	999	985	973	971	961	967	977	984	996
21 [b]	1009	1011	1012	1012	1013	1016	1012	998	980	974	961	965	970	975	982
22	1005	1004	1003	1005	1007	1010	1005	996	988	984	975	976	978	988	997
23	1002	1006	1004	1005	1005	1006	1005	996	986	974	972	973	982	990	994
24	998	1000	1001	1002	1003	1004	1005	997	988	987	982	982	982	984	989
25 [a]	1000	1000	1000	1002	1002	1004	1001	994	989	979	975	974	977	981	990
26 [a]	999	999	999	1000	1000	999	991	983	976	970	967	967	972	979	990
27	997	997	997	996	996	996	994	984	975	967	954	955	963	972	984
28	994	995	994	994	994	995	990	984	977	970	968	970	975	979	980
29	996	996	995	994	993	993	984	971	965	962	965	967	972	981	987
30	993	992	992	992	991	988	986	980	971	973	974	977	981	982	980
Mean	991	991	991	991	991	993	988	977	968	963	959	961	967	973	979
Mean [a]	994	995	995	995	996	997	993	990	977	970	964	964	968	973	981
Mean [b]	997	998	999	998	999	1000	996	983	972	966	960	966	973	976	984

OCTOBER, 1918. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	995	994	996	996	997	999	996	989	982	980	977	986	996	998	1004
2 [b]	1016	1015	1015	1017	1016	1015	1012	1006	998	990	984	984	999	1000	1010
3	1023	1019	1020	1020	1020	1019	1015	1011	1009	1004	994	996	1006	1014	1019
4	1020	1021	1020	1018	1020	1020	1016	1009	1003	997	997	992	1003	1014	1016
5	1018	1017	1017	1016	1013	1012	1009	1002	994	986	980	982	990	1002	1007
6	1006	1008	1003	1004	1004	1002	1001	994	988	985	979	977	989	995	1001
7	1005	1007	1006	1007	1007	1006	1006	1001	994	990	984	985	987	992	1000
8 [b]	1009	1009	1009	1009	1009	1008	1006	1005	1002	997	988	983	986	992	995
9	1002	1015	1011	1008	1005	1003	998	991	987	981	972	972	985	999	1001
10	1002	1002	1002	1000	1000	998	998	995	994	986	980	969	976	980	981
11 [a]	995	995	996	995	995	995	992	979	958	942	941	952	970	980	986
12 [a]	992	994	994	994	992	990	988	982	973	960	950	944	958	970	982
13 [a]	1010	1010	1010	1008	1008	1007	1000	988	972	957	960	968	980	990	998
14 [a]	1011	1011	1011	1012	1012	1012	1009	1002	988	973	973	979	984	992	1003
15	1022	1022	1022	1022	1020	1019	1015	1010	1005	993	990	993	996	1005	1011
16 [b]	1003	1004	1004	1004	1003	1003	1003	989	976	974	968	977	982	1010	1010
17 [b]	1014	1012	1011	1010	1008	1008	1001	993	987	981	976	990	999	1002	996
18	1005	1004	1004	1003	1004	1003	998	984	971	964	965	974	980	989	1000
19	1011	1011	1010	1010	1010	1010	1007	1003	993	983	977	984	993	1003	1004
20	1008	1006	1006	1008	1006	1006	1002	991	982	965	958	964	979	992	999
21	1012	1012	1012	1011	1012	1012	1007	999	990	980	973	977	987	994	996
22	1017	1017	1017	1017	1017	1018	1017	1010	994	983	976	979	991	998	1001
23	1013	1015	1013	1013	1013	1010	1003	989	983	966	952	957	971	984	994
24	1002	1000	999	999	997	1002	997	988	976	965	956	965	975	987	992
25	1009	1010	1009	1007	1004	1002	1002	985	970	960	953	953	970	982	992
26	1010	1010	1010	1010	1007	1005	1003	1001	1001	996	992	987	996	1003	1003
27 [a]	1017	1021	1019	1017	1017	1017	1019	1017	1016	1003	992	990	992	996	1003
28	1024	1024	1024	1022	1022	1022	1018	1015	1006	991	984	986	991	998	1002
29	1030	1029	1027	1029	1029	1029	1027	1024	1013	1002	1000	1004	1007	1013	1022
30	1028	1030	1030	1030	1028	1030	1030	1024	1012	1001	996	1003	1006	1017	1021
31 [b]	1035	1035	1035	1035	1036	1036	1036	1033	1025	1018	1014	1012	1021	1029	1023
Mean	1012	1012	1012	1011	1011	1010	1007	1000	992	982	980	979	989	997	1002
Mean [a]	1005	1006	1006	1005	1005	1004	1002	994	981	967	963	967	977	986	994
Mean [b]	1015	1015	1015	1015	1014	1014	1012	1005	998	992	986	989	997	1007	1007

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

SEPTEMBER, 1918. 10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
954	964	964	959	966	965	967	968	969	961	3	00	978	11	10	935	43	1
959	964	962	961	961	962	963	963	963	954	5	57	973	10	00	925	48	2
961	962	963	963	964	966	965	966	969	954	23	36	970	12	00	920	50	3
963	969	967	969	971	978	971	972	975	965	20	50	980	11	00	948	32	4
971	972	972	972	976	974	976	983	978	970	23	00	983	10	24	949	34	5
968	972	972	973	974	974	975	978	977	970	2	03	984	11	10	948	36	6
979	981	978	980	980	980	980	981	982	975	5	36	984	11	06	954	30	7
978	980	978	977	979	977	977	979	978	971	1	00	985	12	00	935	50	8
986	986	986	986	987	988	989	991	990	975	23	00	991	10	15	943	48	9
987	988	990	991	990	990	990	990	990	983	1	00	993	11	18	960	33	10
977	978	979	980	981	981	981	983	984	979	6	00	994	11	20	955	39	11
974	978	980	983	984	984	985	985	984	978	6	00	988	12	00	958	30	12
986	990	988	990	991	990	991	993	991	983	23	00	993	11	00	957	36	13
981	985	986	986	986	986	987	989	989	979	0	48	995	11	06	944	51	14
986	989	988	989	990	991	990	992	994	986	5	40	1003	11	15	958	45	15
997	995	995	997	999	1000	1000	1002	1004	993	24	00	1004	11	28	958	46	16
992	992	993	997	999	1000	1002	1004	1003	995	5	38	1013	11	50	966	47	17
993	991	991	992	993	994	995	996	998	991	5	48	1009	10	27	964	45	18
994	992	994	997	995	997	999	1002	1003	994	23	50	1003	11	00	973	30	19
996	998	997	997	1002	1000	1002	1004	1009	993	24	00	1009	10	50	958	51	20
990	993	994	996	1000	999	1001	1005	1005	995	5	50	1018	11	24	958	60	21
998	998	997	998	999	1000	1000	1002	1004	997	6	06	1011	11	24	973	38	22
994	993	992	993	994	994	996	997	998	994	5	48	1008	11	00	972	36	23
991	991	991	992	992	994	997	998	999	994	6	20	1006	11	24	981	25	24
994	995	994	995	996	996	997	998	998	993	6	00	1004	12	00	974	30	25
992	993	993	993	994	994	994	995	996	989	4	06	1001	11	21	965	36	26
988	988	988	988	990	990	992	993	995	985	1	30	999	11	00	954	45	27
985	986	988	988	990	989	992	994	996	986	23	55	997	11	20	966	31	28
986	984	986	987	988	988	989	991	994	984	1	20	997	10	00	962	35	29
979	982	984	986	986	987	989	990	994	985	24	00	994	9	42	969	25	30
983	984	984	985	987	987	988	989	990	982	---		996	---		956	40	-------
985	987	987	988	989	989	989	991	991	985	---		998	---		962	36	-------
985	988	988	988	991	991	993	995	997	987	---		1003	---		957	46	-------

OCTOBER, 1918. 10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m	γ	γ	
1009	1001	1003	1005	1007	1009	1011	1013	1014	998	24	00	1014	10	36	975	39	1
1007	1005	1009	1012	1014	1015	1017	1018	1019	1008	24	00	1019	11	20	981	38	2
1015	1014	1014	1015	1017	1018	1019	1023	1022	1014	1	05	1024	11	10	993	31	3
1016	1014	1013	1013	1014	1016	1018	1021	1020	1013	1	42	1022	12	00	992	30	4
1009	1003	1003	1004	1007	1007	1007	1008	1007	1004	1	00	1018	11	08	979	39	5
999	998	997	999	1002	1003	1004	1006	1006	998	2	00	1008	12	00	977	31	6
1005	1003	1003	1005	1006	1005	1005	1006	1009	1001	24	00	1009	11	12	983	26	7
1004	1000	1004	1004	1006	1009	1010	1013	1012	1003	23	26	1016	12	00	983	33	8
1003	998	999	1001	1003	1003	1003	1004	1004	998	2	47	1018	11	26	970	48	9
984	986	989	991	993	991	993	994	994	991	0	30	1003	11	48	968	35	10
989	988	989	990	992	994	995	995	995	983	3	00	996	10	15	940	56	11
984	988	993	999	1002	1002	1005	1008	1010	986	24	00	1010	12	00	944	66	12
1001	1000	1004	1007	1008	1008	1010	1012	1013	997	24	00	1013	10	00	957	56	13
1006	1007	1011	1015	1016	1016	1018	1020	1021	1004	24	00	1021	10	40	972	49	14
1008	1004	1001	1002	1004	1005	1006	1005	1010	1008	1	45	1023	11	26	988	35	15
1009	994	1007	1018	1022	1012	1014	1022	1016	1001	22	28	1030	11	16	953	77	16
992	993	994	998	1001	999	1004	999	1006	999	0	10	1015	11	20	974	41	17
1003	1001	1001	1010	1009	1011	1013	1013	1011	997	22	08	1015	10	00	964	51	18
1004	1003	1005	1007	1009	1007	1005	1010	1007	1003	22	40	1017	11	00	977	40	19
999	999	1002	1009	1006	1009	1010	1010	1012	997	24	00	1012	11	00	958	54	20
996	1001	1002	1007	1009	1009	1011	1014	1016	1002	24	00	1016	11	06	972	44	21
1008	1006	1005	1008	1010	1010	1013	1015	1015	1006	6	00	1018	11	43	974	44	22
1000	998	1000	1001	1001	1001	1001	1003	1001	995	2	00	1015	11	18	950	65	23
993	993	1000	1005	1005	1010	1005	1007	1009	993	21	00	1010	10	50	955	55	24
993	997	997	1004	1007	1007	1009	1010	1010	993	23	37	1011	11	40	952	59	25
1003	1003	1007	1008	1010	1012	1016	1017	1017	1005	23	20	1018	12	00	987	31	26
1005	1010	1012	1016	1017	1019	1021	1023	1023	1012	23	30	1024	12	00	990	34	27
1004	1004	1009	1015	1018	1024	1024	1024	1027	1012	24	00	1027	11	20	983	44	28
1022	1018	1020	1022	1024	1024	1027	1029	1029	1021	0	38	1032	11	06	999	33	29
1023	1023	1024	1026	1026	1026	1030	1033	1035	1022	24	00	1035	11	00	996	39	30
1025	1025	1029	1031	1029	1031	1035	1036	1036	1029	23	20	1038	11	32	998	40	31
1004	1002	1005	1008	1009	1010	1012	1013	1014	1003	---		1018	---		974	44	-------
997	999	1002	1005	1007	1008	1010	1012	1012	996	---		1013	---		961	52	-------
1007	1003	1009	1013	1014	1013	1016	1018	1018	1008	---		1024	---		978	46	-------

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1918. 10000 γ plus tabular quantities.

Day.	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h	15h
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1034	1034	1036	1038	1038	1036	1036	1036	1031	1023	1025	1033	1036	1042	
2	1034	1032	1025	1021	1021	1019	1011	1002	980	959	946	950	978	994	1007
3	1010	1009	1008	1003	1005	1000	998	991	977	966	964	975	983	994	1003
4	1014	1011	1008	1006	1004	998	993	976	977	966	954	962	977	994	1009
5 [a]	1019	1015	1014	1013	1013	1011	1008	1003	992	979	965	968	980	996	1019
6 [a]	1020	1017	1016	1014	1013	1012	1012	1000	991	978	974	983	998	1013	1030
7 [a]	1029	1037	1035	1030	1030	1030	1023	1018	1004	993	984	986	1000	1020	1030
8	1041	1040	1038	1036	1036	1036	1036	1034	1027	1013	1002	1004	1018	1035	1041
9	1050	1045	1040	1037	1036	1032	1030	1026	1012	1008	996	994	1005	1017	1027
10	1036	1035	1034	1028	1026	1026	1021	1017	1007	996	986	987	990	1002	1018
11 [b]	1026	1026	1026	1025	1020	1024	1027	1022	1010	1015	992	991	996	1014	1025
12 [b]	1031	1022	1026	1023	1023	1023	1018	1028	1016	1007	1004	1014	1004	1021	1023
13	1036	1034	1030	1028	1025	1024	1022	1017	1015	1012	1005	1015	1022	1027	1029
14	1038	1036	1034	1033	1031	1028	1027	1023	1016	1006	999	1005	1016	1026	1036
15 [b]	1044	1043	1037	1034	1032	1031	1033	1025	1018	1014	1018	1018	1010	1019	1021
16	1029	1020	1024	1020	1018	1018	1016	1012	999	986	970	972			
17	1029	1029	1026	1026	1023	1025	1019	1017	1011	999	995	993	1001	1005	1012
18	1027	1028	1027	1026	1024	1021	1019	1012	1004	990	988	989	1006	1009	1011
19	1029	1029	1027	1024	1023	1022	1016	1010	990	985	980	986	1003	1013	1020
20	1038	1038	1034	1035	1033	1032	1030	1024	1021	1011	1009	1011	1030	1030	1036
21	1045	1042	1041	1040	1040	1039	1033	1023	1012	1008	998	999	1012	1024	1033
22	1046	1046	1046	1046	1045	1044	1042	1040	1032	1020	1006	1009	1023	1031	1033
23 [b]	1044	1043	1043	1043	1042	1042	1043	1045	1041	1030	1024	1016	1019	1028	1033
24	1047	1047	1042	1043	1042	1039	1037	1037	1040	1037	1035	1044	1041	1037	1037
25	1047	1049	1045	1045	1045	1044	1042	1036	1034	1027	1021	1029	1029	1034	1039
26 [a]	1054	1050	1052	1050	1049	1048	1045	1039	1027	1022	1016	1011	1011	1017	1027
27 [a]	1052	1050	1049	1048	1048	1047	1045	1045	1042	1033	1029	1030	1032	1034	1037
28	1047	1047	1046	1045	1045	1044	1039	1034	1032	1028	1031	1033	1037	1037	1039
29 [b]	1048	1047	1045	1043	1043	1044	1044	1039	1037	1029	1024	1025	1028	1028	1029
30	1042	1043	1042	1043	1042	1042	1040	1037	1035	1039	1057	1056	1054	1045	1043
Mean	1037	1035	1033	1032	1030	1029	1027	1022	1014	1006	1000	1003	1012	1020	1027
Mean [a]	1037	1034	1033	1031	1031	1030	1027	1021	1011	1001	994	996	1004	1016	1029
Mean [b]	1039	1036	1035	1034	1032	1033	1033	1032	1024	1019	1012	1013	1011	1022	1026

DECEMBER, 1918. 10000 γ plus tabular quantities.

	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1 [b]	1053	1052	1049	1047	1047	1046	1041	1038	1030	1026	1027	1029	1035	1039	1040
2	1043	1046	1049	1045	1047	1042	1040	1043	1046	1040	1036	1034	1035	1046	1056
3	1055	1053	1054	1054	1053	1050	1048	1044	1044	1037	1025	1023	1026	1039	1035
4	1055	1054	1053	1051	1049	1047	1043	1037	1034	1031	1024	1024	1031	1037	1045
5 [a]	1053	1053	1053	1051	1050	1050	1045	1042	1035	1028	1021	1024	1032	1039	1045
6 [a]	1055	1055	1054	1051	1050	1050	1047	1043	1035	1028	1017	1017	1026	1036	1043
7	1058	1057	1054	1052	1052	1052	1048	1045	1034	1024	1020	1023	1036	1047	1051
8 [b]	1052	1052	1054	1052	1051	1054	1054	1050	1046	1043	1046	1046	1044	1043	1060
9 [b]	1055	1054	1056	1056	1056	1056	1051	1052	1051	1041	1038	1036	1041	1043	1049
10	1056	1056	1055	1056	1055	1056	1052	1048	1043	1032	1024	1030	1035	1044	1050
11	1060	1058	1060	1061	1059	1059	1059	1054	1047	1037	1027	1029	1034	1044	1052
12	1061	1061	1061	1057	1058	1059	1063	1060	1041	1022	1009	1009	1026	1038	1047
13	1066	1066	1063	1064	1063	1064	1063	1059	1050	1039	1030	1020	1038	1056	1060
14	1071	1071	1072	1072	1073	1073	1072	1070	1059	1047	1034	1036	1046	1053	1055
15	1073	1073	1072	1072	1073	1073	1073	1071	1066	1060	1056	1060	1061	1062	1068
16	1074	1074	1073	1074	1074	1073	1074	1077	1070	1057	1045	1040	1042	1050	1057
17	1074	1074	1074	1074	1074	1071	1069	1068	1059	1048	1040	1047	1056	1061	1067
18	1080	1082	1080	1077	1077	1077	1075	1068	1060	1044	1041	1043	1054	1062	1070
19	1078	1078	1078	1077	1077	1078	1077	1072	1062	1049	1049	1054	1064	1073	1074
20	1083	1082	1078	1082	1080	1076	1069	1071	1067	1063	1058	1066	1072	1077	1081
21	1087	1087	1085	1085	1085	1085	1079	1073	1066	1052	1044	1052	1061	1072	1082
22	1085	1088	1083	1082	1082	1082	1080	1073	1063	1052	1044	1049	1063	1071	1078
23	1085	1085	1085	1085	1085	1086	1080	1075	1065	1055	1054	1055	1061	1065	1082
24	1087	1087	1088	1086	1084	1084	1080	1070	1063	1050	1044	1043	1046	1053	1073
25 [b]	1085	1084	1084	1084	1084	1084	1080	1077	1075	1060	1051	1049	1051	1064	1070
26 [b]	1084	1082	1095	1081	1090	1080	1076	1074	1064	1053	1049	1047	1055	1059	1070
27	1081	1080	1079	1078	1081	1082	1082	1079	1077	1067	1046	1047	1048	1063	1072
28 [a]	1086	1084	1083	1082	1081	1081	1084	1082	1077	1067	1055	1043	1043	1049	1059
29 [a]	1082	1083	1082	1081	1081	1082	1080	1078	1075	1069	1065	1060	1060	1060	1068
30 [a]	1082	1082	1082	1081	1081	1082	1081	1080	1077	1070	1062	1061	1065	1067	1069
31	1082	1082	1082	1082	1083	1083	1082	1082	1077	1071	1066	1062	1068	1069	1070
Mean	1070	1070	1070	1069	1069	1068	1066	1063	1057	1047	1040	1041	1047	1054	1061
Mean [a]	1072	1071	1071	1069	1069	1069	1067	1065	1060	1052	1044	1041	1045	1050	1057
Mean [b]	1066	1065	1068	1064	1066	1064	1060	1058	1053	1045	1042	1041	1045	1050	1058

[a] Five international quiet days. [b] Five international disturbed days.

HOURLY VALUES OF VERTICAL INTENSITY.

NOVEMBER, 1918.

10000 γ plus tabular quantities.

16 h	17 h	18 h	19 h	20 h	21 h	22 h	23 h	24 h	Mean.	Maximum.			Minimum.			Range.	Day.
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
																	1
1008	1012	1011	1018	1016	1017	1018	1017	1020	1005	0	01	1036	11	00	946	90	2
1010	1012	1016	1018	1017	1017	1016	1017	1016	1001	19	00	1018	11	00	964	54	3
1015	1015	1016	1018	1018	1018	1019	1020	1022	1000	24	00	1022	11	06	952	70	4
1016	1019	1022	1023	1022	1023	1023	1023	1022	1008	22	24	1025	11	45	963	62	5
1036	1036	1038	1040	1041	1041	1044	1046	1044	1018	23	20	1045	10	40	973	72	6
1036	1032	1035	1039	1042	1042	1042	1043	1043	1026	21	06	1044	11	00	984	60	7
1041	1042	1048	1050	1051	1050	1051	1051	1052	1036	24	00	1052	11	30	1000	52	8
1034	1037	1037	1035	1037	1039	1039	1039	1042	1029	0	01	1052	12	00	994	58	9
1023	1026	1028	1029	1031	1031	1028	1029	1029	1019	0	01	1042	11	20	984	58	10
1023	1032	1032	1035	1039	1037	1038	1034	1038	1023	20	00	1039	12	15	988	51	11
1025	1030	1031	1032	1032	1039	1039	1033	1033	1024	21	57	1041	12	45	1000	41	12
1036	1040	1042	1043	1040	1043	1042	1044	1044	1030	23	45	1046	11	15	1001	45	13
1038	1038	1044	1046	1045	1044	1046	1045	1044	1031	18	06	1047	10	42	997	50	14
1021	1021	1028	1029	1030	1029	1033	1028	1026	1027	0	54	1045	13	12	1008	37	15
1035	1037	1030	1038	1030	1031	1031	1036	1029									16
1014	1015	1016	1023	1025	1023	1024	1029	1027	1017	22	45	1031	11	42	991	40	17
1011	1012	1018	1021	1023	1027	1029	1029	1029	1016	21	36	1032	11	20	986	46	18
1023	1023	1026	1031	1032	1034	1037	1036	1040	1018	24	00	1040	11	00	980	60	19
1042	1022	1036	1038	1040	1042	1043	1045	1046	1032	24	00	1046	11	45	1006	40	20
1037	1036	1037	1039	1039	1042	1043	1045	1046	1031	23	30	1047	11	33	996	51	21
1036	1036	1037	1040	1041	1042	1043	1044	1044	1036	0	06	1047	11	21	1005	42	22
1037	1039	1039	1046	1043	1046	1046	1047	1048	1039	19	18	1050	12	50	1014	36	23
1039	1036	1043	1046	1048	1048	1049	1052	1047	1042	23	10	1053	11	06	1034	19	24
1044	1044	1046	1049	1049	1049	1049	1050	1050	1042	23	20	1051	11	00	1021	30	25
1035	1041	1043	1045	1046	1047	1049	1050	1052	1039	1	00	1054	12	57	1010	44	26
1037	1039	1043	1044	1044	1045	1045	1046	1047	1042	0	15	1053	10	45	1028	25	27
1041	1039	1042	1045	1046	1047	1045	1047	1048	1041	22	27	1050	10	00	1028	22	28
1033	1036	1037	1041	1041	1042	1039	1039	1039	1038	0	48	1049	11	20	1022	27	29
1044	1044	1046	1048	1048	1050	1052	1054	1054	1046	11	33	1061	9	39	1032	29	30
1030	1031	1033	1036	1036	1037	1038	1039	1039	1027			1044			997	47	
1032	1033	1036	1038	1039	1040	1041	1042	1042	1027			1044			991	53	
1028	1032	1033	1037	1037	1039	1039	1036	1037	1030			1045			1006	39	

DECEMBER, 1918.

10000 γ plus tabular quantities.

γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	h.	m.	γ	h.	m.	γ	γ	
1040	1041	1042	1044	1040	1043	1047	1045	1044	1041	1	42	1057	10	28	1025	32	1
1053	1056	1051	1055	1053	1054	1054	1055	1056	1047	16	20	1060	12	00	1034	26	2
1039	1042	1048	1047	1051	1055	1055	1055	1056	1045	21	36	1059	12	00	1023	36	3
1045	1046	1048	1050	1053	1053	1053	1056	1051	1045	23	10	1057	12	03	1023	34	4
1048	1048	1048	1050	1053	1053	1054	1054	1054	1045	22	30	1055	12	00	1019	36	5
1045	1046	1048	1051	1054	1054	1054	1056	1057	1045	24	00	1057	11	40	1014	43	6
1052	1050	1050	1049	1048	1050	1056	1056	1055	1047	1	00	1058	11	00	1020	38	7
1051	1048	1051	1051	1058	1048	1058	1050	1058	1051	19	51	1066	10	18	1035	31	8
1049	1050	1048	1052	1059	1057	1057	1057	1059	1051	19	54	1061	11	24	1030	31	9
1057	1050	1057	1055	1057	1051	1059	1059	1061	1050	19	30	1064	10	39	1020	44	10
1056	1056	1055	1056	1057	1057	1057	1059	1059	1052	4	00	1061	12	09	1025	36	11
1049	1053	1058	1058	1059	1060	1062	1064	1067	1050	23	57	1068	11	30	1008	60	12
1062	1062	1063	1064	1066	1067	1067	1069	1069	1058	23	42	1071	12	06	1029	42	13
1057	1055	1061	1062	1064	1067	1068	1070	1072	1062	4	10	1075	11	10	1032	43	14
1067	1066	1067	1068	1069	1070	1070	1072	1074	1068	24	00	1074	11	00	1056	18	15
1059	1059	1060	1063	1064	1067	1068	1070	1071	1064	8	00	1077	12	00	1040	37	16
1068	1067	1065	1068	1070	1072	1076	1079	1081	1067	24	00	1081	11	28	1038	43	17
1072	1070	1070	1073	1071	1073	1073	1075	1076	1068	2	00	1082	11	00	1041	41	18
1074	1070	1071	1073	1077	1075	1082	1078	1084	1072	24	00	1084	11	15	1047	37	19
1078	1080	1078	1080	1081	1082	1083	1084	1085	1076	23	27	1087	11	00	1058	29	20
1082	1074	1075	1078	1081	1083	1084	1085	1085	1076	2	06	1089	11	15	1042	47	21
1082	1077	1076	1077	1078	1078	1082	1085	1086	1075	2	09	1089	11	00	1044	45	22
1083	1084	1084	1079	1083	1085	1087	1086	1085	1077	22	00	1087	11	34	1051	36	23
1077	1078	1078	1079	1081	1083	1080	1084	1085	1073	3	06	1089	12	00	1043	46	24
1082	1080	1076	1079	1084	1080	1087	1079	1086	1076	21	36	1090	12	10	1044	46	25
1077	1076	1078	1079	1080	1078	1076	1077	1079	1073	3	10	1097	11	20	1044	53	26
1078	1079	1079	1081	1081	1081	1082	1083	1085	1075	24	00	1085	11	24	1044	41	27
1069	1070	1072	1079	1079	1080	1081	1081	1081	1073	1	00	1086	12	20	1041	45	28
1076	1076	1076	1076	1076	1078	1078	1080	1081	1075	2	00	1083	12	12	1058	25	29
1076	1076	1077	1078	1080	1080	1080	1081	1081	1076	0	10	1083	11	20	1059	24	30
1074	1076	1077	1077	1077	1081	1079	1081	1082	1077	4	55	1084	11	50	1060	24	31
1064	1063	1064	1066	1067	1068	1069	1070	1071	1062			1075			1037	38	
1063	1063	1064	1067	1068	1069	1069	1070	1071	1063			1073			1038	35	
1060	1059	1059	1061	1064	1061	1065	1062	1065	1058			1074			1035	39	

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